

November 20, 2006

Fluid Minerals Group
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

RE: Application for Permit to Drill - Petro-Canada Resources (USA), Inc.
Rye Patch Fed 22-21 - 551' FNL & 2,051' FWL, NE/4 NW/4,
Section 22, T11S, R14E, SLB&M, Duchesne County, Utah

Dear Fluid Minerals Group:

On behalf of Petro-Canada Resources (USA), Inc. (Petro-Canada), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced federal surface and mineral vertical well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and cross-section of the proposed well site;

Exhibit "B" - Photos of the proposed well site;

Exhibit "C" - Proposed location maps with access & pipeline corridor;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Petro-Canada's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Alan Vrooman of Petro-Canada at 303-350-1171 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Petro-Canada

cc: Alan Vrooman, Petro-Canada
Carla Konopka, Petro-Canada
Diana Whiney, Division of Oil, Gas & Mining

NOV 22 2006

FILE COPY

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

5. Lease Serial No. UTU-084317	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. N/A	
8. Lease Name and Well No. Rye Patch Fed 22-21	
9. API Well No. 45-013-33437	
10. Field and Pool, or Exploratory undesignated Wildcat	
11. Sec., T. R. M. or Blk. and Survey or Area Section 22, T11S, R14E, SLB&M	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* 27.89 miles southwest of Myton, Utah	17. Spacing Unit dedicated to this well 40 acres
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 551'	16. No. of acres in lease 1,159.93 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2,028'	19. Proposed Depth 11,500'
20. BLM/BIA Bond No. on file UT 1215	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7,109' GR
22. Approximate date work will start* 05/01/2007	23. Estimated duration 35 days drilling 40 days completion

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 11/20/2006
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Title
Agent for Petro-Canada Resources (USA), Inc.

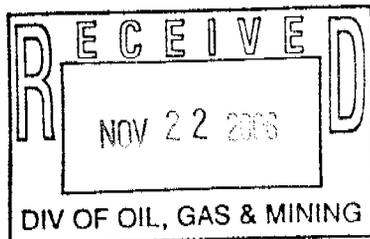
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 11-29-06
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Title
ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

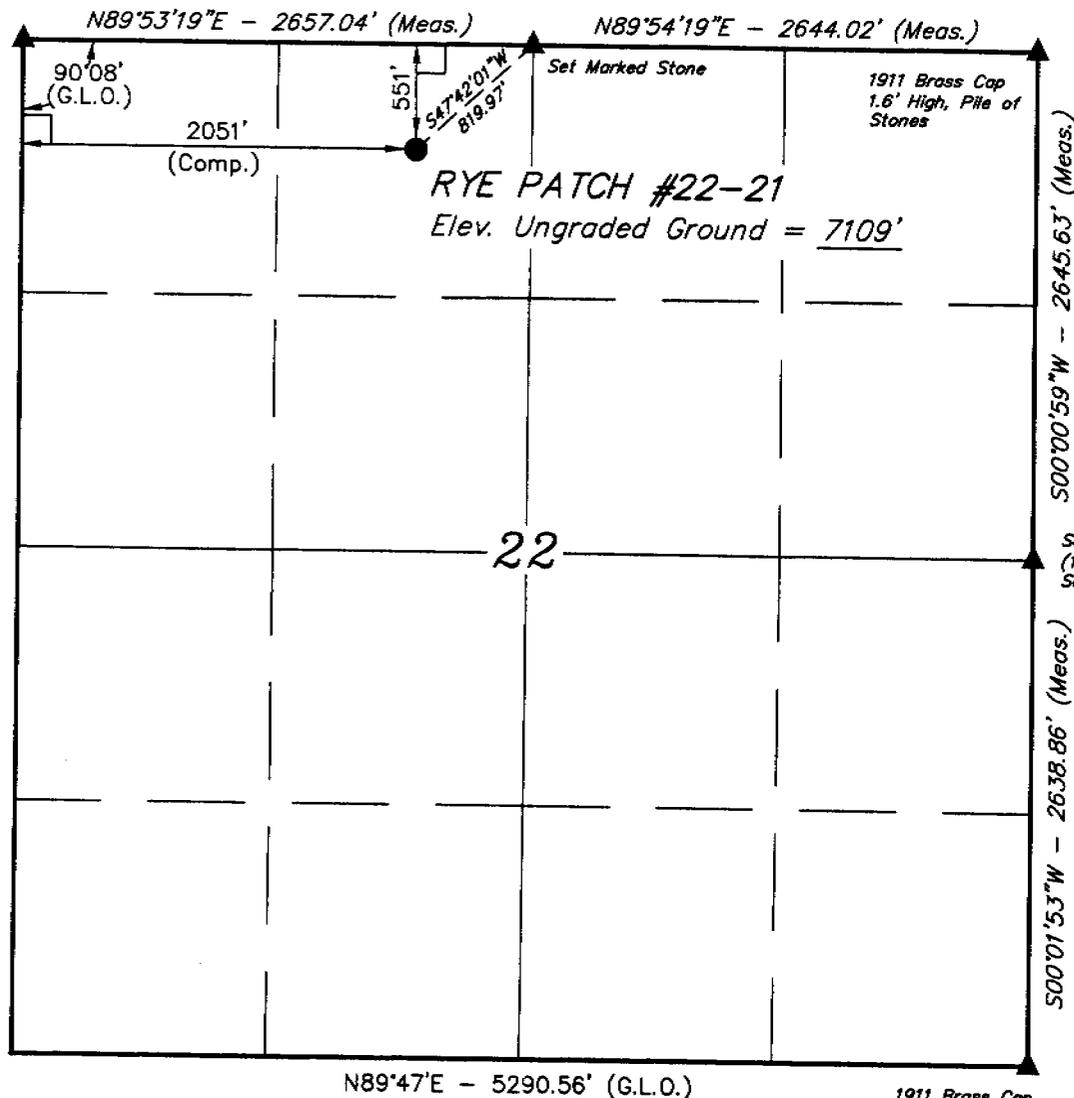


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Federal Approval of this
Action is Necessary

T11S, R14E, S.L.B.&M.

1911 Brass Cap
1.5' High, Pile of
Stones



N89°47'E - 5290.56' (G.L.O.)

1911 Brass Cap
1.5' High, Pile of
Stones

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
LATITUDE = 39°50'55.30" (39.848694)
LONGITUDE = 110°20'08.47" (110.335686)
(AUTONOMOUS NAD 27)
LATITUDE = 39°50'55.43" (39.848731)
LONGITUDE = 110°20'05.91" (110.334975)

PETRO-CANADA RESOURCES (USA), INC.

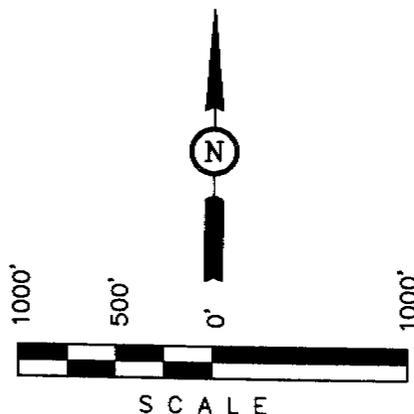
Well location, RYE PATCH #22-21, located as shown in the NE 1/4 NW 1/4 of Section 22, T11S, R14E, S.L.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT A ROAD INTERSECTION IN THE SE 1/4 OF SECTION 4, T11S, R15E, S.L.B.&M. TAKEN FROM THE GILSONITE DRAW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7309 FEET.

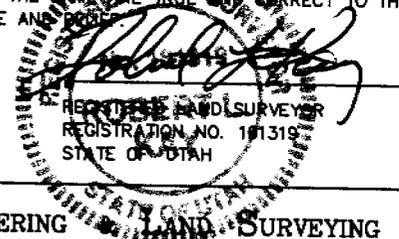
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING AND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-28-06	DATE DRAWN: 08-30-06
PARTY B.B. T.H. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE PETRO-CANADA RESOURCES (USA), INC.	

DRILLING PLAN

Attachment for Permit to Drill

Name of Operator: Petro-Canada Resources (USA), Inc.
Address: 1099 – 18th Street, Suite 400
Denver, CO 80202
Well Location: Rye Patch Fed 22-21
551' FNL & 2,051' FWL, NE/4 NW/4,
Section 22, T11S, R14E
Duchesne County, UT

1. GEOLOGIC SURFACE FORMATION Green River

2 & 3. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS AND FORMATIONS EXPECTED TO CONTAIN WATER, OIL AND GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>
Green River	Surface
Wasatch	3,070'*
North Horn	5,200'*
Price River	7,050' *
Castlegate	9,650' *
Blackhawk	9,900' *
Mancos	10,600' *
TD	11,500'

* PROSPECTIVE PAY

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	9.625"	43.5 ppf	L-80	STC	0'	1,200'	12-1/4"
Production	5.5"	20.0 ppf	P-110	LTC	0'	11,500'	7-7/8"

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DRILLING PLAN

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Production hole: Prior to drilling out the surface casing shoe, 5,000 psi BOP equipment will be installed. The pipe rams will be operated at least once per day from surface casing depth to total depth. The blind rams will be tested once per day from surface casing depth to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 5,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the surface casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The BLM and the state of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.

6. MUD SYSTEMS

Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kick" will be available at the well site.

<u>Interval</u>	<u>Mud Weight (ppg)</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0 - 40'	8.3 - 8.6	27-40	--	Native Spud Mud
40' - 1,200'	8.3 - 8.6	27-40	15 cc or less	Native/Gel/Lime
1,200' - TD	8.6 - 9.5	38-46	15 cc or less	Potassium Formate

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- Upper Kelly cock; lower Kelly cock will be installed while drilling
- Inside BOP or stab-in valve (available on the rig floor)
- Safety valve(s) and subs to fit all string connections in use
- Mud monitoring will be visually observed

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

Cores	None anticipated.
Testing	None anticipated.
Sampling	30' samples; surface casing to TD Preserve samples all show intervals
Surveys	Run every 1,000' and on trips
Logging	DIL-GR-SP, FDC-CNL-GR-Caliper-Pe-Microlog, Sonic-GR, all TD to base of surface casing, GR through surface casing.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- No abnormal temperature or pressures are anticipated, Bottom Hole Pressure is expected at 4980 psi.
- The formations to be penetrated do not contain known H₂S gas.

DRILLING PLAN

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Exhibit B
- Water to be used for drilling will be obtained through a direct purchase from Bill Barrett Corporation (BBC) utilizing an existing water well located in Cottonwood Canyon on State Lands: Section 32-T12S-R16E; BBC has previously been granted authorization with SITLA Right of Entry #4534 and Water Right #90-1542.

12. CEMENT SYSTEMS

- Surface Casing: 220 sacks Premium Lite Plus + 0.05 lbs/sack Static Free + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 6% bwoc Bentonite + 1% bwoc Sodium Metasilicate + 161.2% Fresh Water;
Weight: 11.5 ppg
Yield: 2.84 cu.ft/sack
209 sacks Type III Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 60.5% Fresh Water.
Weight: 14.5 ppg
Yield: 1.41 cu.ft/sack
Cement will be circulated to surface with 100% excess
- Production Casing: 987 sacks 50:50 Poz:Class G Cement +0.3% bwoc R-3 + 0.25 lbs/sack Cello Flake + 3 lbs/sack Kol Seal + 1% bwoc FL-25 +2% bwoc Bentonite + 3% bwoc Potassium Chloride + 0.75% bwoc EC-1 + 0.2% bwoc Sodium Metasilicate + 69.3% Fresh Water;
Weight: 13.5 ppg
Yield: 1.49 cu.ft/sack
Cement will be placed in two stages through the use of a stage tool. Depth determined based on potential pay sections, estimated at 4000 ft.
490 sacks Class G cement + 0.05% bwoc R-3 + 44.3% Fresh Water.
Weight: 15.8 ppg
Yield: 1.15 cu.ft/sack
Top of cement to be determined by log and sample evaluation; estimated TOC 2,500'.
Volume is log caliper +10%

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 1, 2007
Duration: 35 days, drilling and 40 days completion

SURFACE USE PLAN

Attachment for Permit to Drill

Name of Operator: Petro-Canada Resources (USA), Inc.
Address: 1099 – 18th Street, Suite 400
Denver, CO 80202
Well Location: Rye Patch Fed 22-21
551' FNL & 2,051' FWL, NE/4 NW/4,
Section 22, T11S, R14E
Duchesne County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

An off-lease federal right-of-way is being requested with this application and is necessary for an access and pipeline corridor to the existing federal lease UTU-084317. No other surface use is necessary.

The BLM onsite inspection for the referenced well was conducted on Wednesday, November 1, 2006 at approximately 11:20 am. In attendance at the onsite inspections were the following individuals:

Scott Ackerman	Natural Resource Specialist	Bureau of Land Management – Vernal
Brandon MacDonald	Wildlife Biologist	Bureau of Land Management – Vernal
Brandon Bowthorpe	Surveyor	Uintah Engineering & Land Surveying
Carla Konopka	Land Manager	Petro-Canada Resources (USA), Inc.
Don Hamilton	Agent	Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 27.89 miles southwest of Myton, Utah.
- b. The use of roads under State and County Road Department maintenance are necessary to access the Rye Patch area. An encroachment to leave the Duchesne County maintained Wells Draw Road (CR 32) is necessary and will be applied for and approved once the federal permits are in place.
- c. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. An off-lease federal right-of-way is necessary for the off-lease portions of the access road and pipeline corridor trending east from the lease line of UTU-084317. An off-lease federal right-of-way grant is being requested with this application.

2. Planned Access Roads:

- a. From the existing gravel surfaced Duchesne County maintained Wells Draw Road (CR-32), the existing native bladed-surface Rye Patch access road trending west will be upgraded for approximately 8.2 miles to a point where new access will begin.
- b. From the Rye Patch access road proposed for upgrade a new access is proposed trending west approximately 0.2 miles. The access spur consists of entirely new disturbance and crosses no significant drainages.
- c. A road design plan is not anticipated at this time.
- d. The proposed access road will consist of a 22' travel surface within a 30' disturbed area across entirely BLM managed lands.
- e. BLM approval to upgrade the existing access corridor and construct the new access corridor is requested with this application.
- f. A maximum grade of 10% will be maintained throughout the project.
- g. No turnouts are proposed.
- h. No low water crossings and one 18' culvert at the spur road intersection with the Rye Patch road is anticipated. Additional culverts and adequate drainage structures will be incorporated into the remaining existing road.
- i. No surfacing material will come from federal or Indian lands.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel will be limited to the approved location access road.
- l. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- m. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. No existing wells are located within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead.

Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A two-tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the northeast side of the well site and traverse 1,050' east to the proposed Rye Patch 22-44 pipeline corridor.
- i. The new gas pipeline will be a 10" or less steel surface pipeline within a 30' wide utility corridor. The use of the proposed well sites and existing access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 1,050' is associated with this well.
- j. Petro-Canada intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Petro-Canada intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved disposal well for disposal near Roosevelt, Utah.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- l. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. A complete drilling crew camp is being proposed with this application and will be located central to the project area. A central crew camp will be analyzed in detail within the associated Environmental Assessment.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the east.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 245' X 290'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
 - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 20 lbs /acre with the following native grass seeds:
 - 1. Blue Bunch Wheat Grass (10 lbs / acre)
 - 2. Rice Grass (10 lbs / acre)
 - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the pending report will be submitted under separate cover to the appropriate agencies by Montgomery Archaeological Consultants.
- b. Alden Hamblin will conduct a paleontological survey. A copy of the report will be submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Denver)	Alan Vrooman	1-303-350-1171
Agent	Don Hamilton	1-435-719-2018

Certification:

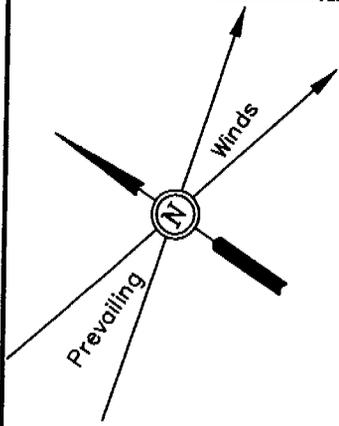
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petro-Canada Resources (USA), Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Petro-Canada's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 11-20-06

PETRO-CANADA RESOURCES (USA), INC.

FIGURE #1

LOCATION LAYOUT FOR
 RYE PATCH #22-21
 SECTION 21, T11S, R14E, S.L.B.&M.
 551' FNL 2051' FWL



SCALE: 1" = 50'
 DATE: 08-30-06
 Drawn By: C.H.

Proposed Access Road

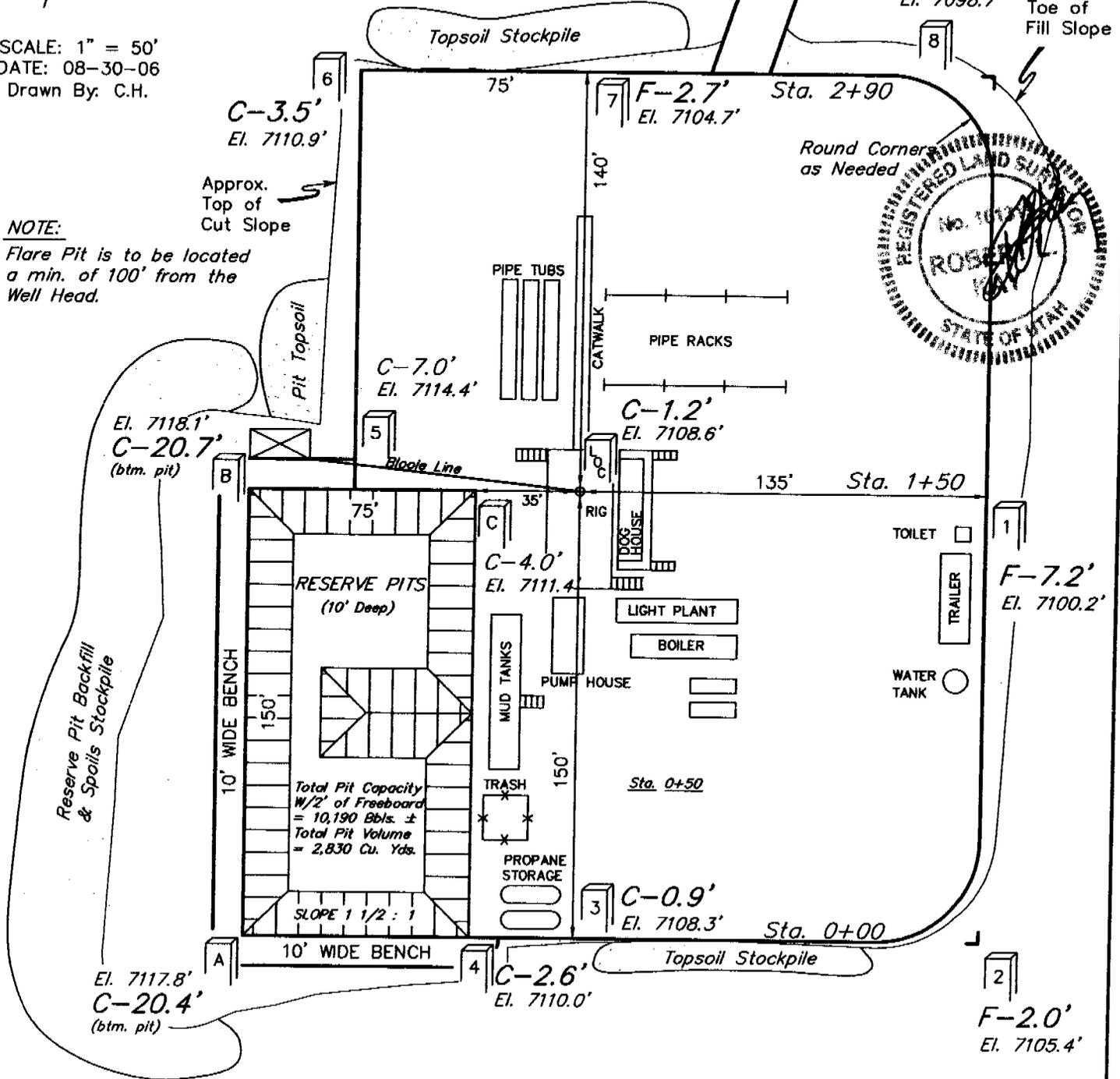
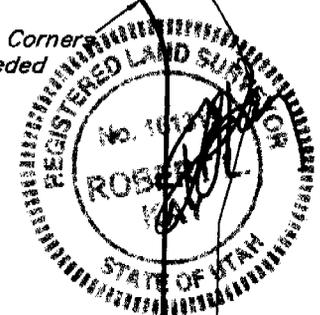
F-8.7' El. 7098.7' Approx. Toe of Fill Slope

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope

Round Corners as Needed



NOTES:

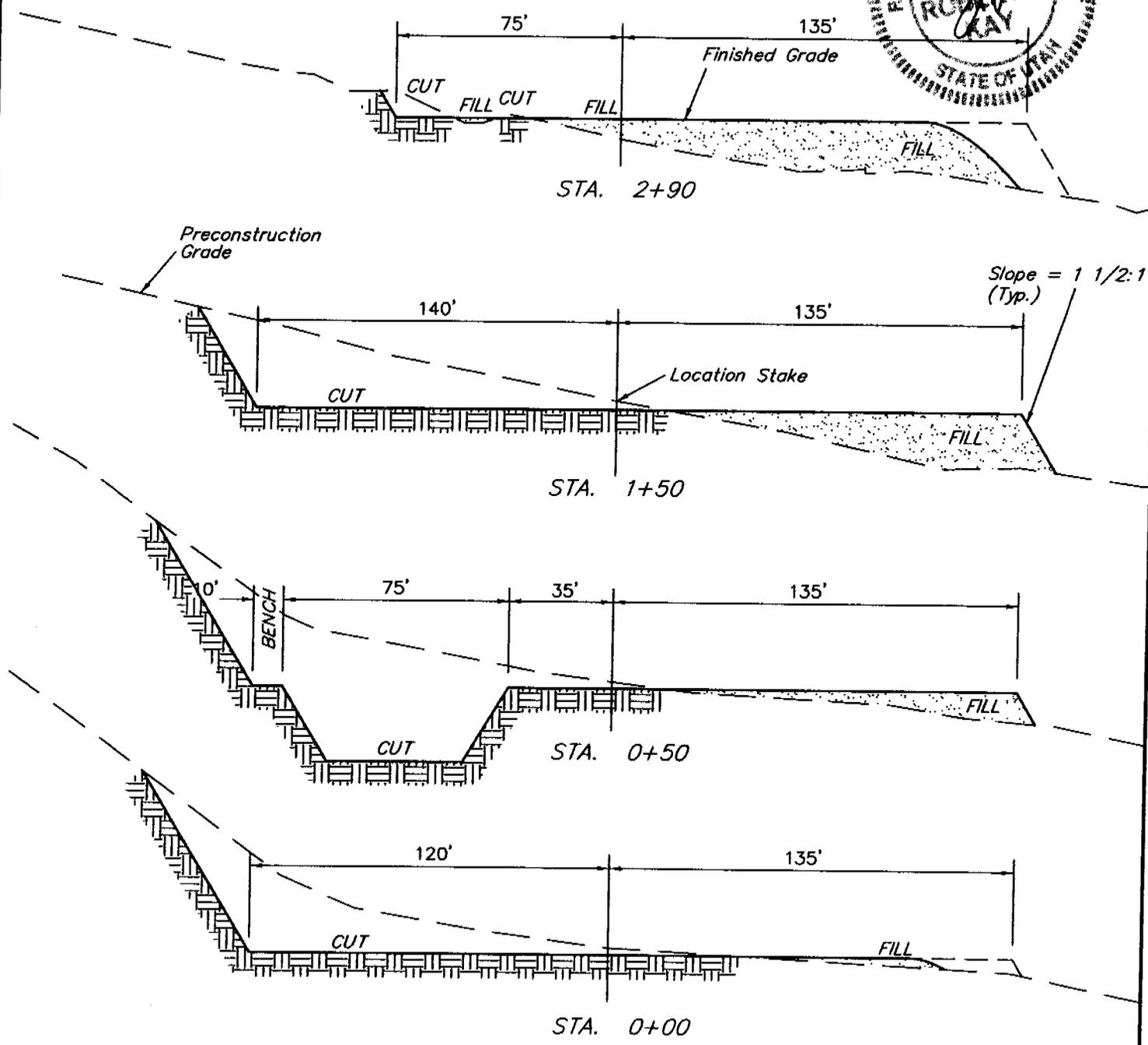
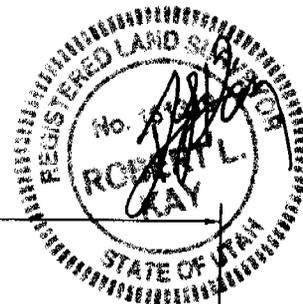
Elev. Ungraded Ground At Loc. Stake = 7108.6'
 FINISHED GRADE ELEV. AT LOC. STAKE = 7107.4'

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

1" = 20'
 X-Section Scale
 1" = 50'

TYPICAL CROSS SECTIONS FOR
 RYE PATCH #22-21
 SECTION 21, T11S, R14E, S.L.B.&M.
 551' FNL 2051' FWL

DATE: 08-30-06
 Drawn By: C.H.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,580 Cu. Yds.
Remaining Location	= 8,580 Cu. Yds.
TOTAL CUT	= 10,160 CU.YDS.
FILL	= 7,160 CU.YDS.

EXCESS MATERIAL	= 3,000 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,000 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

PETRO-CANADA RESOURCES (USA), INC.

RYE PATCH #22-21
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 22, T11S, R14E, S.L.B.&M.

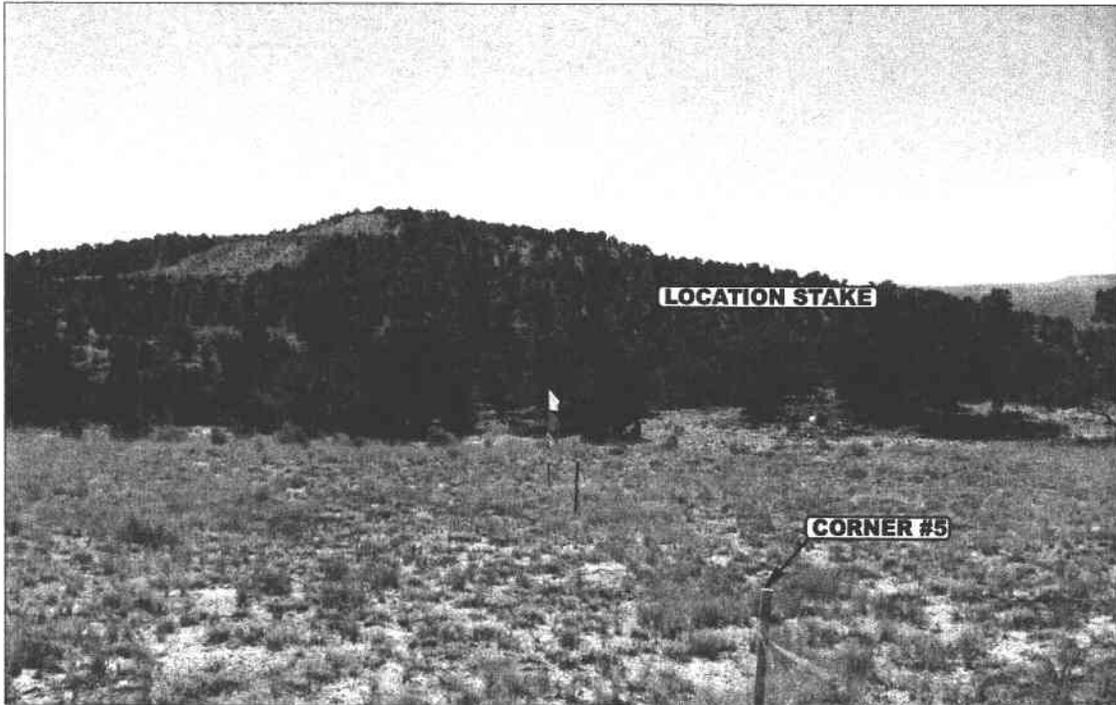


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

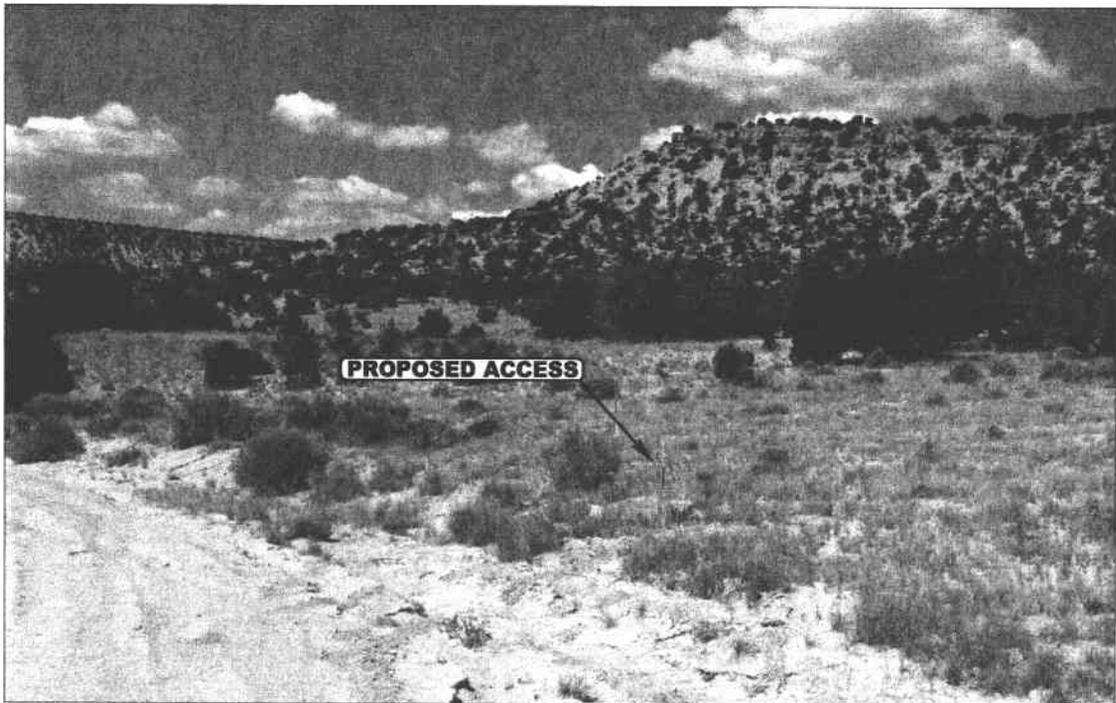


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

E&L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

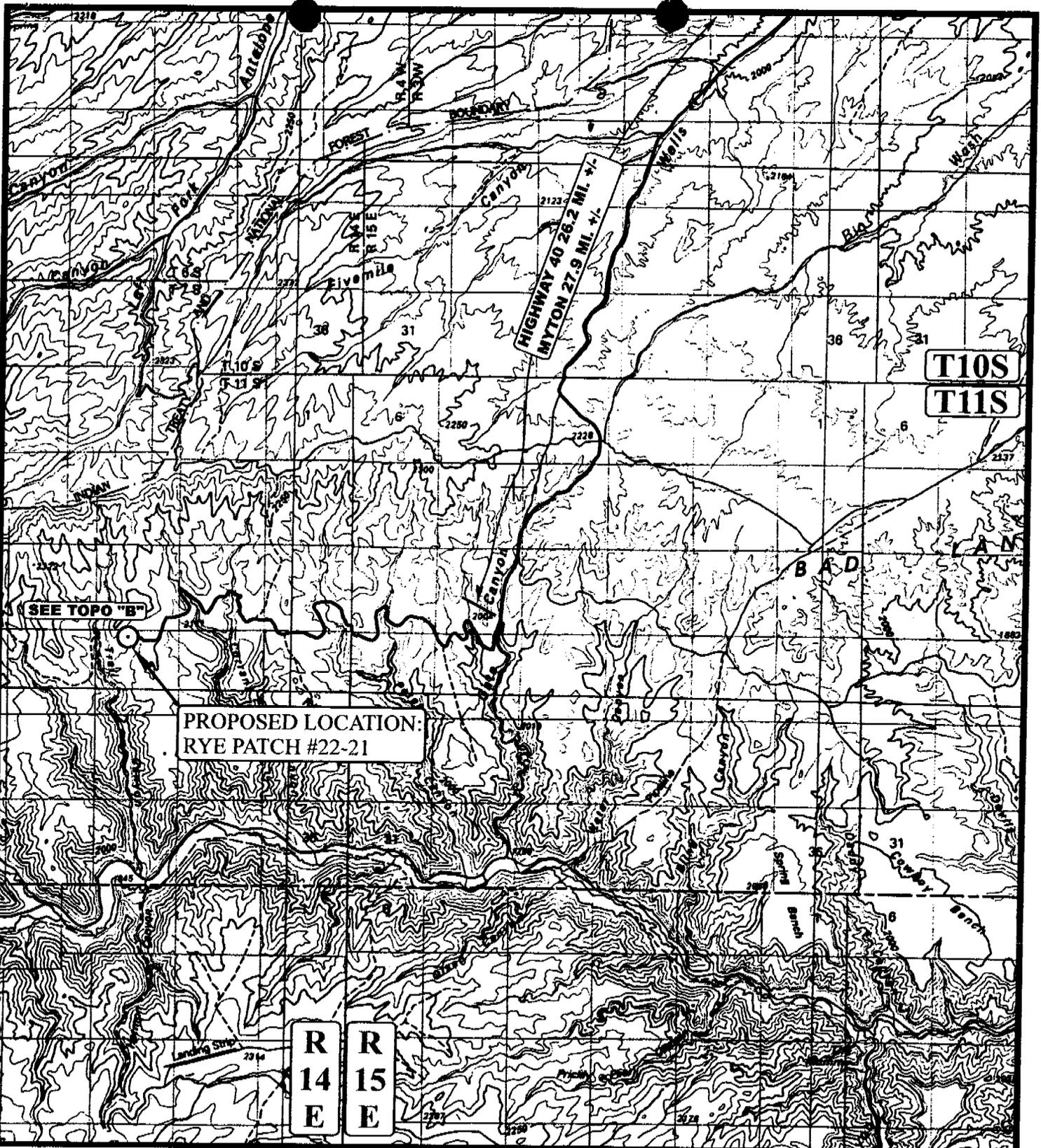
08 30 06
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.H.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION

UELS
 Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



PETRO-CANADA RESOURCES (USA), INC.

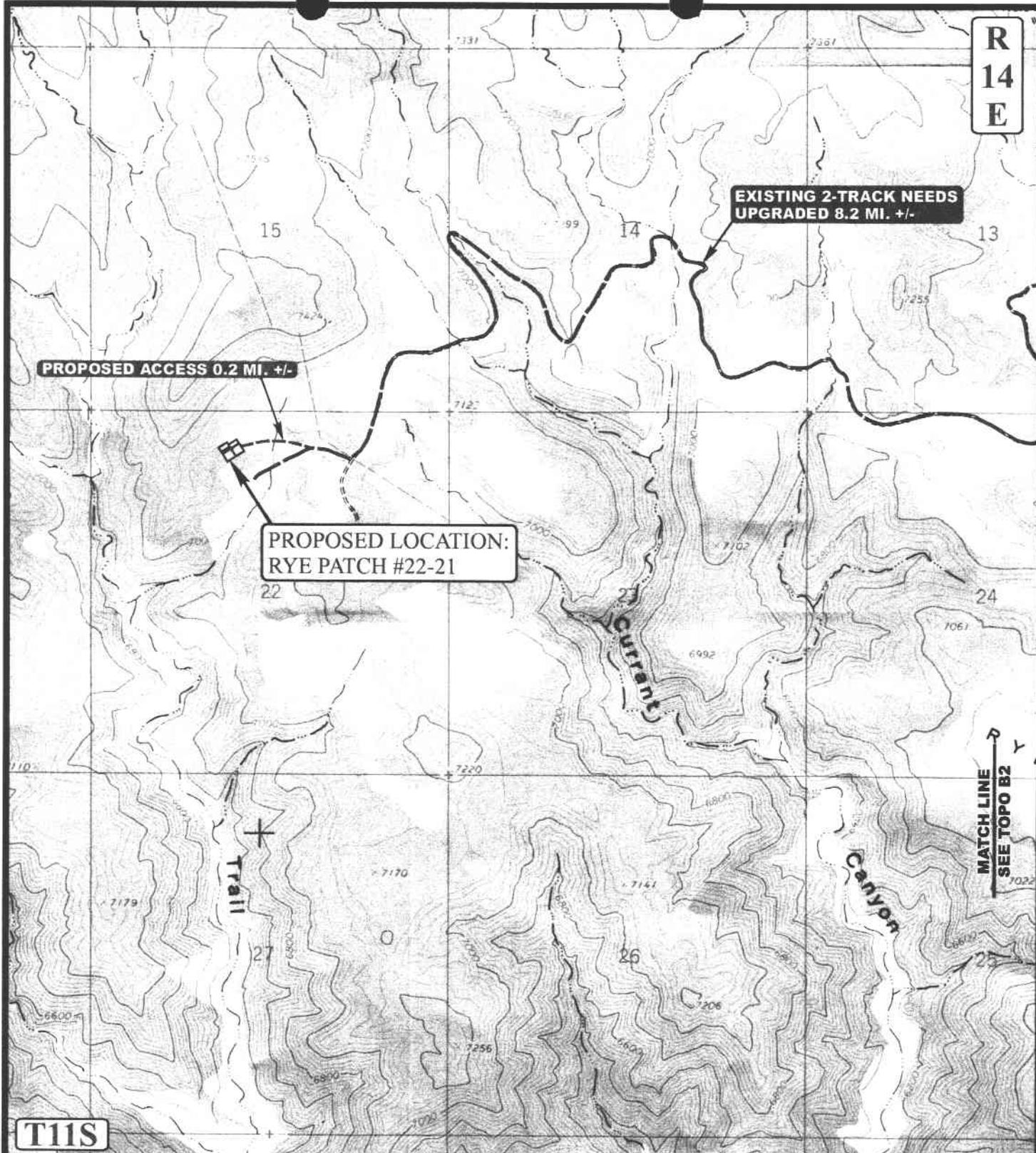
RYE PATCH #22-21
SECTION 22, T11S, R14E, S.L.B.&M.
551' FNL 2051' FWL

TOPOGRAPHIC MAP
 SCALE: 1:100,000 DRAWN BY: C.H. REVISED: 00-00-00

A
TOPO

08 30 06
 MONTH DAY YEAR

R
14
E



T11S

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

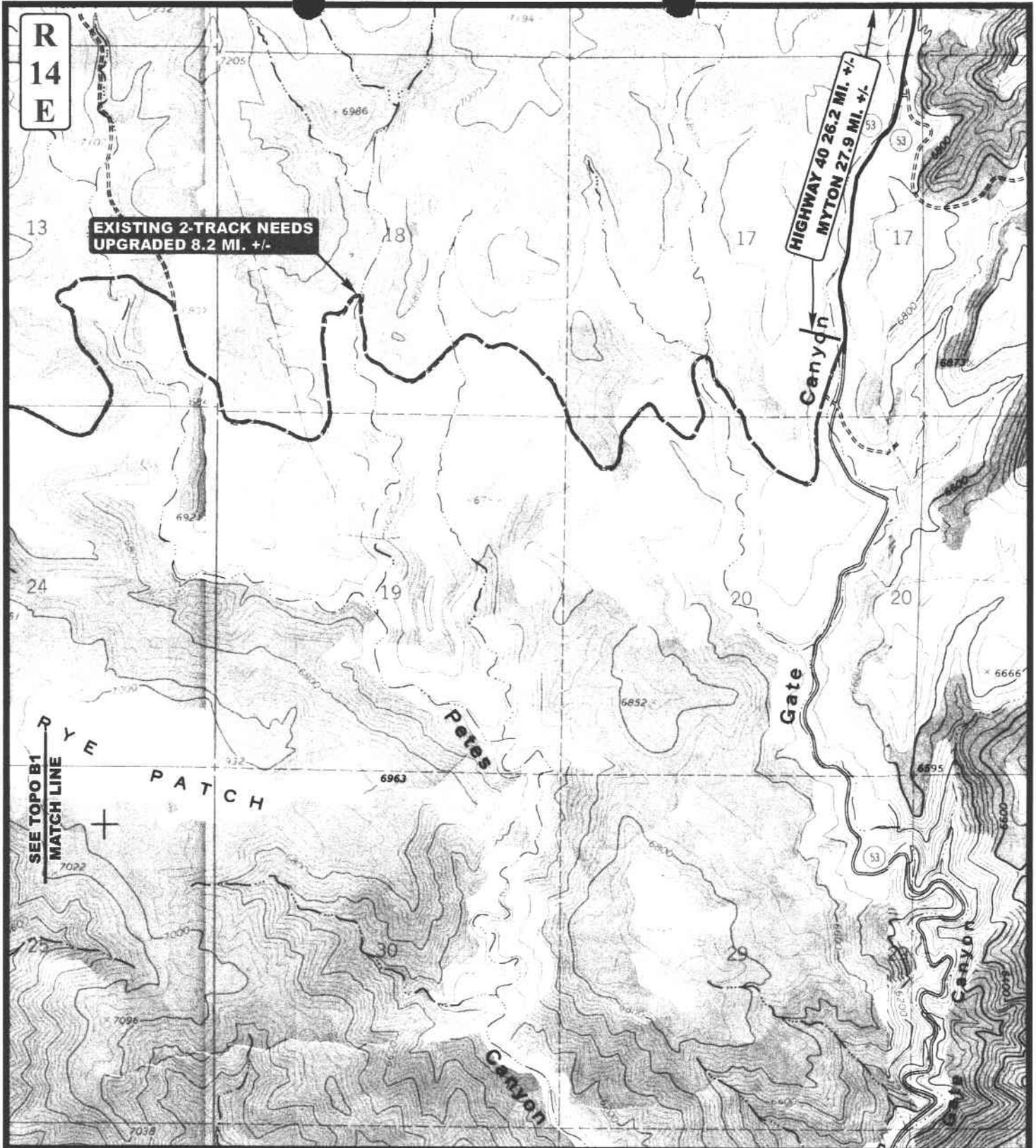


PETRO-CANADA RESOURCES (USA), INC.

RYE PATCH #22-21
SECTION 22, T11S, R14E, S.L.B.&M.
551' FNL 2051' FWL

U&L S
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08	30	06	B1 TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.H.		REVISED: 00-00-00	



**R
14
E**

**EXISTING 2-TRACK NEEDS
UPGRADED 8.2 MI. +/-**

**HIGHWAY 40 26.2 MI. +/-
MYTON 27.9 MI. +/-**

**SEE TOPO B1
MATCH LINE**

**RYE
PATCH**

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD
- EXISTING 2-TRACK NEEDS UPGRADED



PETRO-CANADA RESOURCES (USA), INC.

**RYE PATCH #22-21
SECTION 22, T11S, R14E, S.L.B.&M.
551' FNL 2051' FWL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

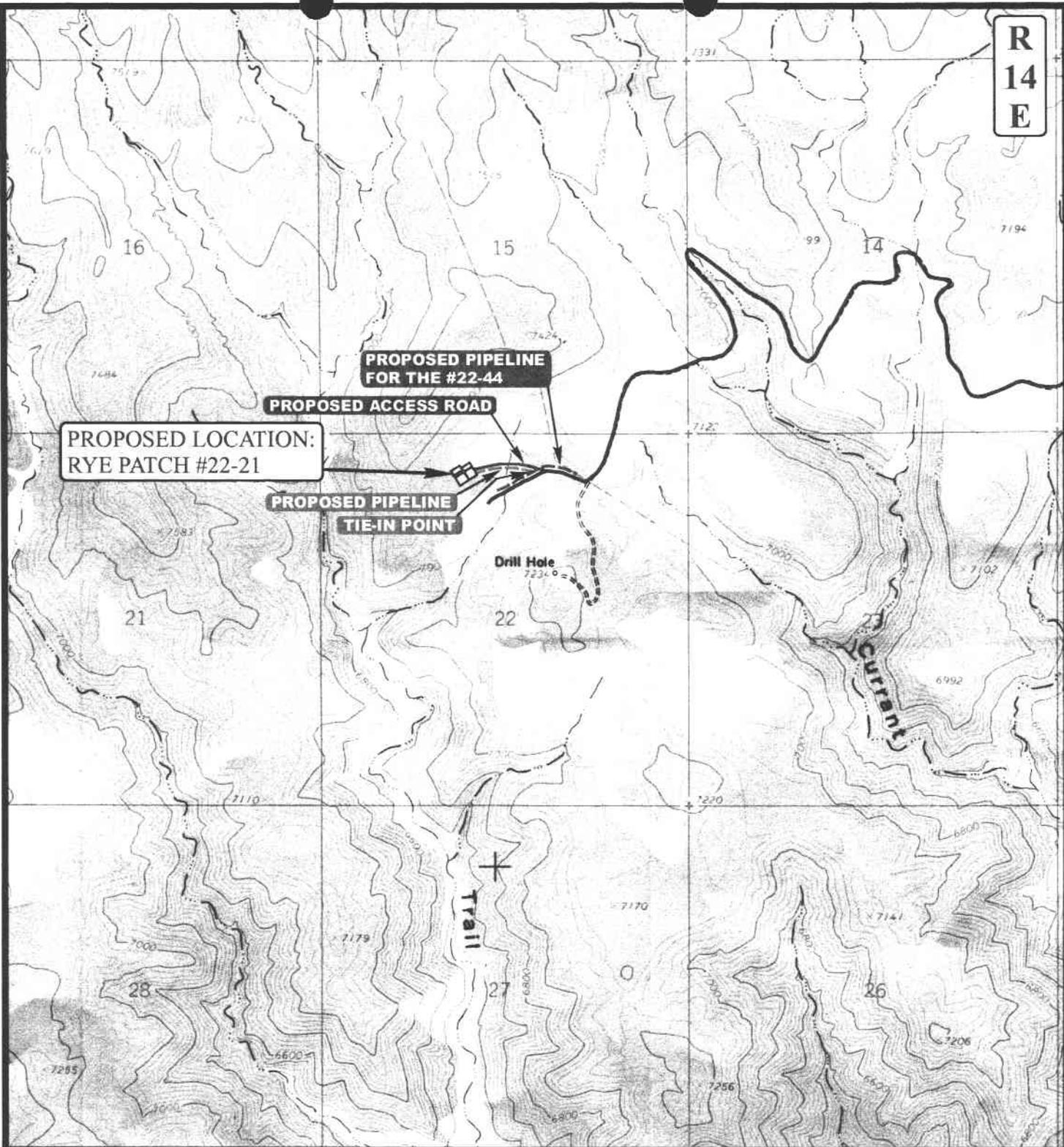
**TOPOGRAPHIC
MAP**

08 30 06
MONTH DAY YEAR

**B2
TOPO**

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00

R
14
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 1050' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



PETRO-CANADA RESOURCES (USA), INC.

RYE PATCH #22-21
SECTION 22, T11S, R14E, S.L.B.&M.
551' FNL 2051' FWL



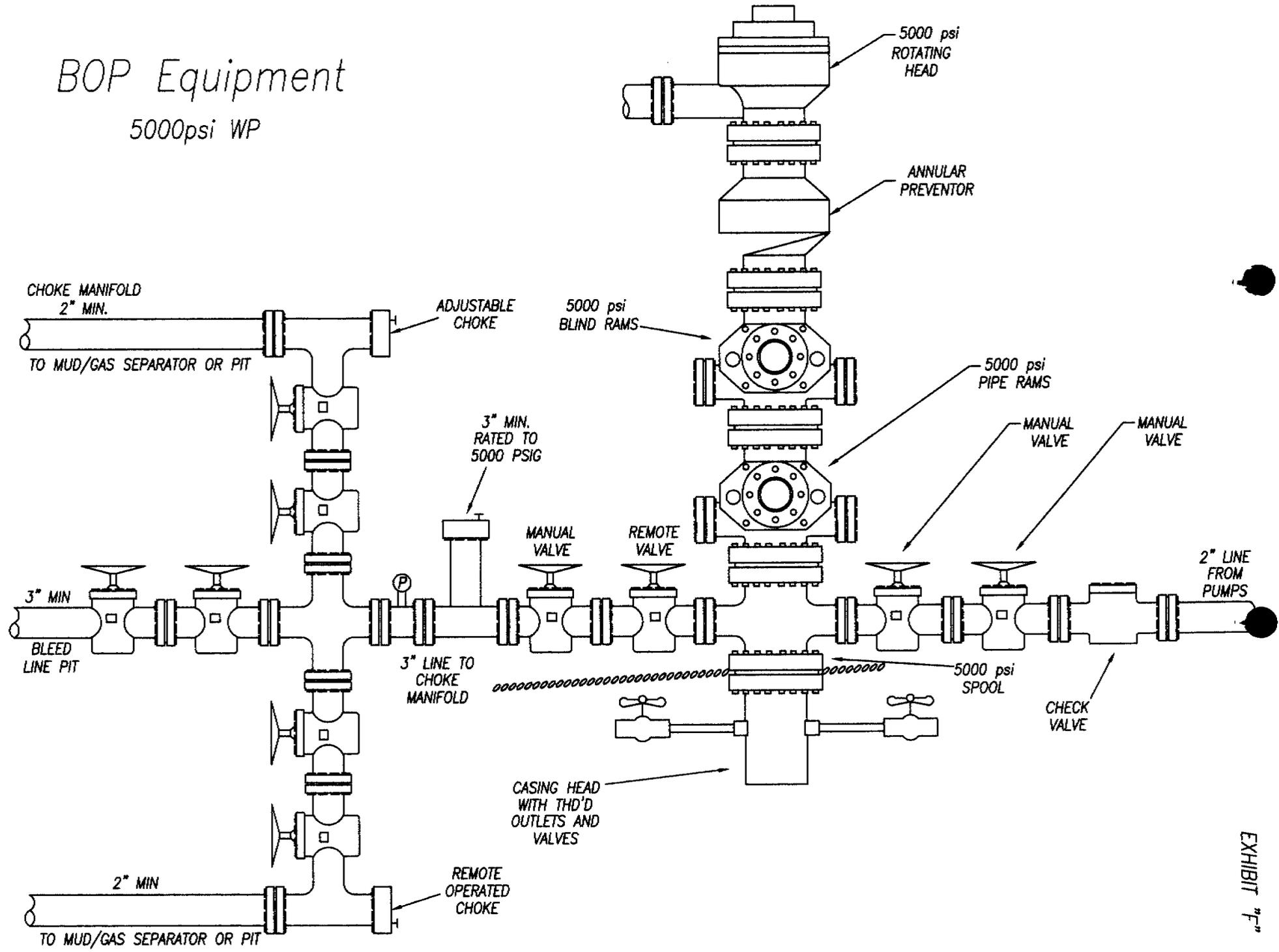
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 08 30 06
MAP MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 00-00-00



BOP Equipment

5000psi WP



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/22/2006

API NO. ASSIGNED: 43-013-33437

WELL NAME: RYE PATCH FED 22-21
 OPERATOR: PETRO-CANADA RESOURCES (N2705)
 CONTACT: DON HAMILTON

PHONE NUMBER: 303-350-1171

PROPOSED LOCATION:

NENW 22 110S 140E
 SURFACE: 0551 FNL 2051 FWL
 BOTTOM: 0551 FNL 2051 FWL
 COUNTY: DUCHESNE
 LATITUDE: 39.84869 LONGITUDE: -110.3350
 UTM SURF EASTINGS: 556888 NORTHINGS: 4410965
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-084317
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MNCS
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT 1215)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 90-1542)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Fed. Approved
2- Spacing Strip



OPERATOR: PETRO-CANADA RES (N2705)

SEC: 22,23,24 T.11S R. 14E

FIELD: WILDCAT (001)

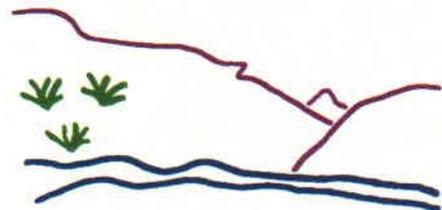
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- ✖ GAS INJECTION
 - ✖ GAS STORAGE
 - ✖ LOCATION ABANDONED
 - ⊙ NEW LOCATION
 - ✖ PLUGGED & ABANDONED
 - ✖ PRODUCING GAS
 - ✖ PRODUCING OIL
 - ✖ SHUT-IN GAS
 - ✖ SHUT-IN OIL
 - ✖ TEMP. ABANDONED
 - ⊙ TEST WELL
 - △ WATER INJECTION
 - ⊙ WATER SUPPLY
 - ⊙ WATER DISPOSAL
 - ⊙ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 29-NOVEMBER-2006



State of Utah

Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 29, 2006

Petro-Canada Resources (USA), Inc.
1099-18th Street, Suite 400
Denver, CO 80202

Re: Rye Patch Federal 22-21 Well, 551' FNL, 2051' FWL, NE NW, Sec. 22,
T. 11 South, R. 14 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33437.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Petro-Canada Resources (USA), Inc.
Well Name & Number Rye Patch Federal 22-21
API Number: 43-013-33437
Lease: UTU-084317

Location: NE NW Sec. 22 T. 11 South R. 14 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

11/22/06

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-084317	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. N/A	
8. Lease Name and Well No. Rye Patch Fed 22-21	
9. API Well No. 43.013.33A37	
10. Field and Pool, or Exploratory undesignated	
11. Sec., T. R. M. or Blk. and Survey or Area Section 22, T11S, R14E, SLB&M	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* 27.89 miles southwest of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 551'	16. No. of acres in lease 1,159.93 acres
17. Spacing Unit dedicated to this well 40 acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2,028'	19. Proposed Depth 11,500'
20. BLM/BIA Bond No. on file UT 1215	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7,109' GR	22. Approximate date work will start* 05/01/2007
23. Estimated duration 35 days drilling 40 days completion	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 11/20/2006
--------------------------------------	--------------------------------------	--------------------

Title
Agent for Petro-Canada Resources (USA), Inc.

Approved by (Signature) <i>Jenny Kewicka</i>	Name (Printed/Typed) Jenny Kewicka	Date 9-18-2007
---	---------------------------------------	-------------------

Title
Assistant Field Manager
Lands & Mineral Resources
Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

NOTICE OF APPROVAL **CONDITIONS OF APPROVAL ATTACHED** **CONFIDENTIAL**

005 9/14/06
06 PPO526H



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Petro-Canada Resources (USA) Inc. **Location:** NENW, Sec 22, T11S, R14E
Well No: Rye Patch Fed. 22-21 **Lease No:** UTU-84317
API No: 43-013-33437 **Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.

Specific Surface COAs

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:
 - 10 lbs of Indian Ricegrass and 10 lbs of Bluebunch Wheatgrass.
 - All the culverts will be installed according to the BLM Gold Book.
 - The road and well pad will have road base on the surface.
 - Bury pipeline at all low water crossings.
 - Permission from an authorized BLM representative will be required if construction or other operations occur during wet conditions that will lead to excessive rutting.
 - Permission to clear all wildlife stipulations will only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
 - In an effort to ensure that project activities do not increase the existence of invasive or noxious weeds in the Project Area, prior to construction activities, all proposed areas of disturbance will be surveyed for the presence of noxious weeds. Results of these surveys will be included in the project record.
 - Road crossings of ephemeral drainages at ten locations within the Project Area will be upgraded and armored with rock to minimize erosion. The locations, pre- and post-construction photos, and typical design sketches of these improved crossings will be provided to the U.S. Army Corps of Engineers.
 - Petro-Canada will cover all reserve pits with proper netting to eliminate the potential exposure of migratory birds to contaminated water. Netting will be present throughout all phases of the project when fluids are present in the reserve pit.

- A qualified paleontologist will monitor all ground-disturbing activities, and, if fossils are found, will report these findings to the BLM. Operations in the area of the discovery will not resume until avoidance recommendations have been made by the BLM, and written authorization to proceed has been received from the BLM AO.
- The project area is proposed within ½ mile of Mexican Spotted Owl habitat. With this occurrence no surface occupancy will be allowed until after the first season of surveys is completed. If no owls are detected after the first season of surveys, then construction and drilling may begin outside of the timing restriction March 15 – June 15. The second season of surveys will still be required for these buffer areas.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface shoe casing integrity test shall be performed.
- The production casing cement top shall be at a minimum of 200' above the surface casing shoe.
- A CBL shall be run from TD to the top of cement and a field copy sent to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person

making the report along with a telephone number should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log CBL will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location $\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M..
 - Date well was placed in a producing status date of first production for which royalty will be paid.
 - The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data

obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-084317

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
undesigned

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
RYE PATCH FED 22-21

2. NAME OF OPERATOR:
Petro-Canada Resources (USA) Inc.

9. API NUMBER:
4301333437

3. ADDRESS OF OPERATOR: 999 18th St, Suite 600 CITY Denver STATE CO ZIP 80202-2499 PHONE NUMBER: (303) 297-2100

10. FIELD AND POOL OR WLOCAT
undesigned

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 551' FNL & 2,051' FWL NE/4 NW/4 COUNTY: Duchesne
Q1/RQ1R, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 22 11S 14E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDE TRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Permit Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc

Petro-Canada Resources (USA), Inc. hereby requests a one year extension of the state permit for the referenced well.
This is the first extension that has been requested

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 1-27-2008

Initials: MS

Date: 01-17-08
By: [Signature]

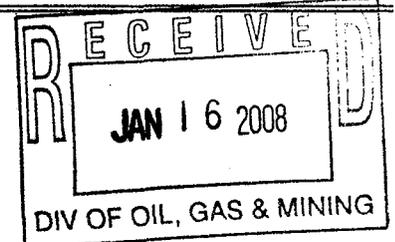
NAME (PLEASE PRINT) Marnie Griffin

TITLE Agent for Petro-Canada Resources (USA), Inc.

SIGNATURE [Signature]

DATE 1/14/2008

(This space for State use only)



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4301333437
Well Name: RYE PATCH 22-21 UTU-084317
Location: Sec 22 11S-14E NENW 551' FNL. & 2,051' FWL NE/4
Company Permit Issued to: Petro-Canada Resources (USA) Inc.
Date Original Permit Issued: 11/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Signature

1/14/2008
Date

Title: Agent

Representing: Petro-Canada Resources (USA) Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Petro-Canada Resources (USA), Inc.**

3a. Address
999 18th Street, Suite 600; Denver, Colorado 80202

3b. Phone No. (include area code)
303-297-2100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
551' FNL & 2,051' FWL, NE/4 NW/4, Section 22, T11S, R14E, SLB&M

5. Lease Serial No.
UTU-084317

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Rye Patch Fed. 22-21

9. API Well No.
43-013-33437

10. Field and Pool, or Exploratory Area
undesignated

11. County or Parish, State
Duchesne County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Petro-Canada Resources (USA), Inc. requests approval to increase the previously approved pad and pit size for the Rye Patch Fed 22-21 well site to accommodate a larger rig with a larger layout. Attached please find an updated location layout and cross-section to replace those drawings previously approved as Exhibit B of the APD submission. Also attached is an updated page to replace a page in the surface use plan (Exhibit E) that reflected the old pad size.

The larger location layout is presently staked in the field. Petro-Canada would begin construction of the larger pad as soon as approval is given.

**Accepted by the
Division of
Oil and Mining
FOR RECORD ONLY**

**RECEIVED
APR 01 2008
DIV. OF OIL, GAS & MINING**

FILE COPY

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed)

Don Hamilton

Title **Agent for Petro-Canada Resources (USA), Inc.**

Signature **Don Hamilton**

Date **March 26, 2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

8. Ancillary Facilities:

- a. A complete drilling crew camp is being proposed with this application and will be located central to the project area. A central crew camp will be analyzed in detail within the associated Environmental Assessment.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the east.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

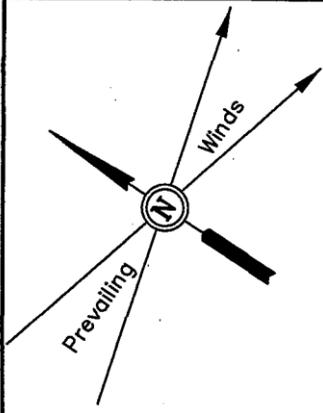
10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

PETRO-CANADA RESOURCES (USA), INC.

FIGURE #1

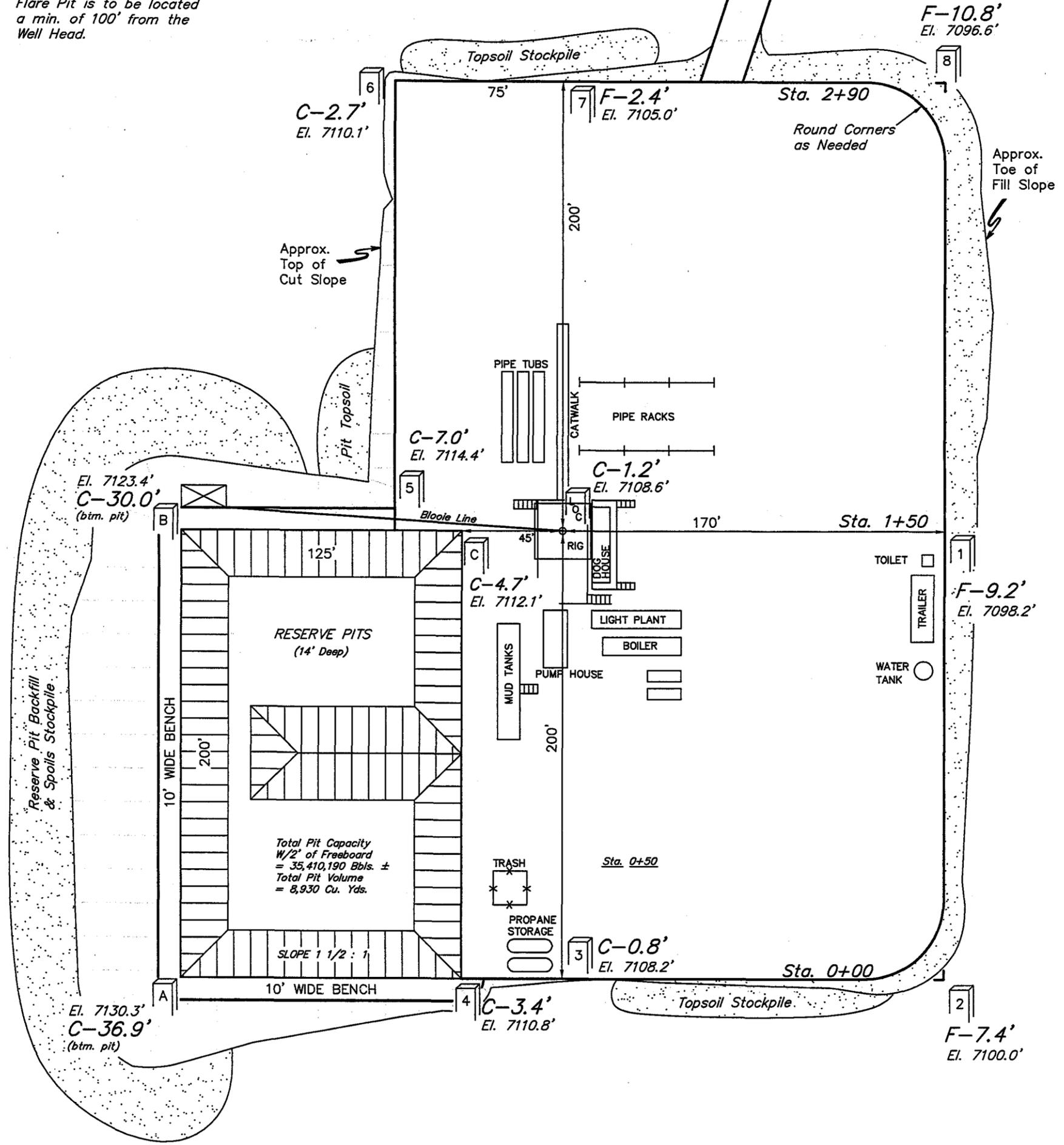
LOCATION LAYOUT FOR
 RYE PATCH #22-21
 SECTION 21, T11S, R14E, S.L.B.&M.
 551' FNL 2051' FWL



SCALE: 1" = 50'
 DATE: 08-30-06
 Drawn By: C.H.
 Rev: 03-24-08 C.C.



NOTE:
 Flare Pit is to be located
 a min. of 100' from the
 Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 7108.6'
 FINISHED GRADE ELEV. AT LOC. STAKE = 7107.4'

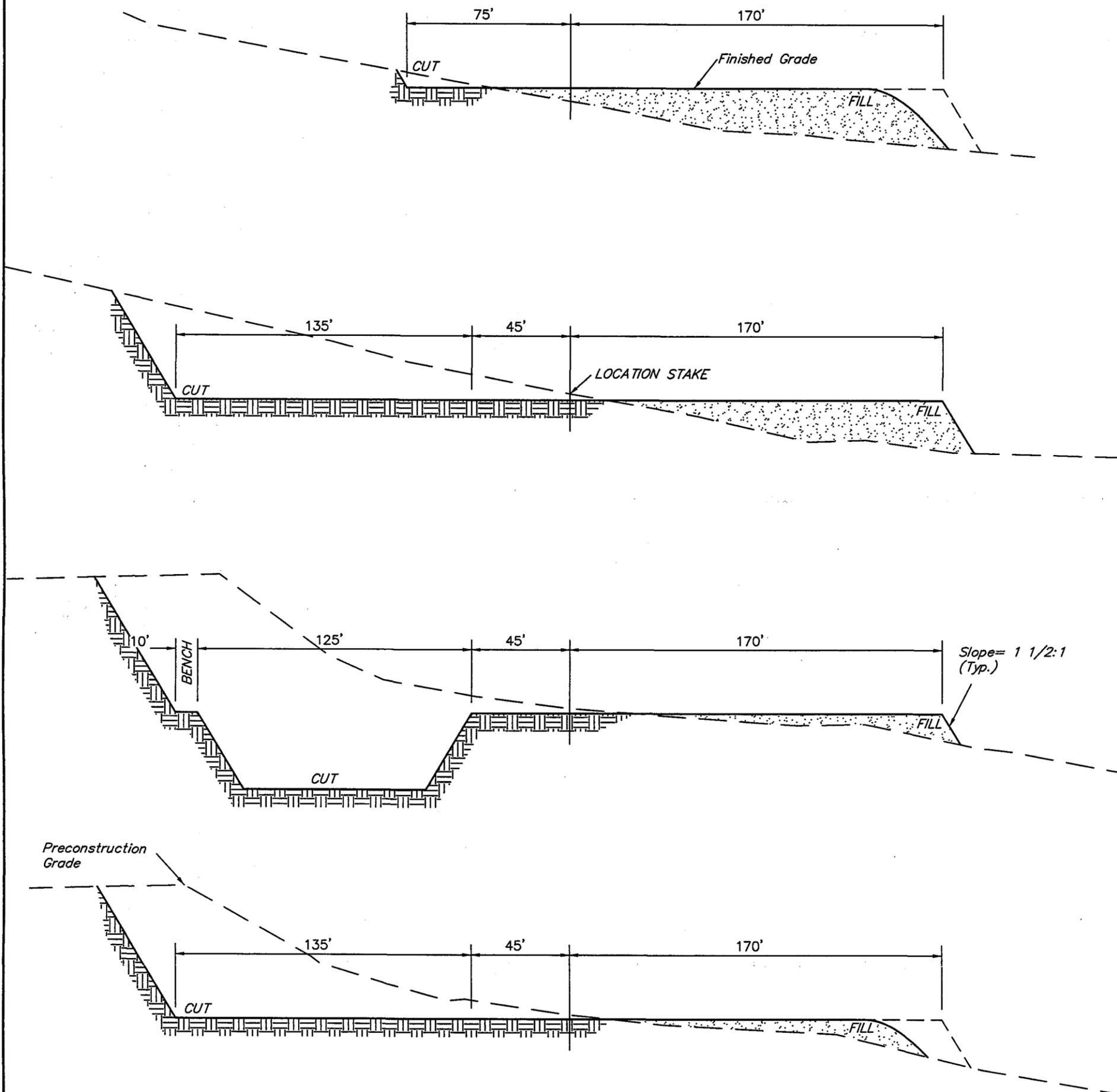
PETRO-CANADA RESOURCES (USA), INC.

FIGURE #2

1" = 20'
X-Section
Scale
1" = 50'

DATE: 08-30-06
Drawn By: C.H.
Rev: 03-24-08 C.C.

TYPICAL CROSS SECTIONS FOR
RYE PATCH #22-21
SECTION 21, T11S, R14E, S.L.B.&M.
551' FNL 2051' FWL



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,800 Cu. Yds.
Remaining Location	= 27,860 Cu. Yds.
TOTAL CUT	= 30,660 CU.YDS.
FILL	= 15,520 CU.YDS.

EXCESS MATERIAL	= 15,140 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 7,270 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 7,870 Cu. Yds.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Petro-Canada Resources (USA) Inc. Operator Account Number: N 2705
 Address: 999 18th Street, Suite 600
city Denver
state CO zip 80202 Phone Number: (303) 297-2300

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-013-33437	RYE PATCH FED 22-21		NENW	22	11S	14E	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16919	6/2/2008		6/19/08		
Comments: MNCs							CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Susan Miller

Name (Please Print)

Susan Miller

Signature

Regulatory Analyst

6/4/2008

Title

Date

RECEIVED

JUN 06 2008

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-084317

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER _____

8. WELL NAME and NUMBER:

RYE PATCH FED 22-21

2. NAME OF OPERATOR:

Petro-Canada Resources (USA) Inc

9. API NUMBER:

43-013-~~33443~~ 33437

3. ADDRESS OF OPERATOR:

999 18th St., Ste. 600 CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 297-2300

10. FIELD AND POOL, OR WILDCAT:

undesignated

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 551 FNL and 2051 FWL, NENW Section 22, T11S, R14E, SLB&M

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 22 11S 14E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Current Status</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

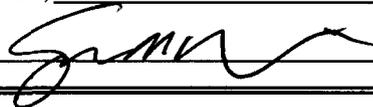
Petro-Canada spud the noted well on 6/2/2008.

As of 6/17/2008 currently drilling ahead at 6248'.

Attached please find a chronological drilling well report.

NAME (PLEASE PRINT) Susan Miller

TITLE Regulatory Analyst

SIGNATURE 

DATE 6/18/2008

(This space for State use only)

RECEIVED
JUN 20 2008
DIV. OF OIL, GAS & MINING

Rye Patch Fed 22-21
Operator: Petro-Canada Resources (USA) Inc.
NENW Section 22, T11S, R14E, SLB&M
Duchesne County, Utah
API No. 43-013-33437
Daily Reports
TIGHT HOLE

06/17/08

Day 16. 6248' (721'). Drilling Ahead f/ 5527 to 5649. Drilling Ahead f/ 5649 to 5949. Deviation Survey @ 5900 ft: 0.79°. Lubricate Rig. Drilling Ahead f/ 5949 to 6044. Drilling Ahead f/ 6044 to 6248.

Surveys:

<u>Depth</u>	<u>Inclination</u>
1379'	0.33
2357'	0.33
3075'	0.86
4120'	1.17
4763'	1.48

Rye Patch Fed 22-21
Operator: Petro-Canada Resources (USA) Inc.
NENW Section 22, T11S, R14E, SLB&M
Duchesne County, Utah
API No. 43-013-33437
Daily Reports
TIGHT HOLE

- 06/09/08 Day 8. 4192' (432'). PO: Drilling. Drill f/ 3,760' - 3,774'. POOH 20 Stands. Slip Drilling Line 94' (Worn Spot f/ Rubbing Against Floor Plate. TIH and Ream to Bottom. Drill f/ 3,760' - 4,041' (281' @ 29.6 Ft/Hr). Service Rig. Drill f/ 4,041' - 4,158' (117' @ 26 Ft/Hr). Service Rig/ Cool Rotary Brake. Drill f/ 4,158' - 4,176' (18'). Survey @ 4,120' (1.17 Deg). Drill f/ 4,176' - 4,192' (16').
- 06/10/08 Day 9. 4936' (744'). Drilling Ahead @ 4,936'. Activity After Midnight: Drill Ahead. Status at 0600: Drilling Ahead @ 5,192'. Day Plan: Drill to 5,235' (Surface TD). C&C. Short Trip 10 Stands. C&C. POOH f/ Casing.
- 06/11/08 Day 10. 5234' (298'). PO: RU and cmt sfc csg. Rig Up Casing Crew. Rig Up Casers and Fill Up Tool. Day Plan: Run and Cement Surface Casing.
- 06/12/08 Day 11. 5234' (0'). PO: RU cementing head. Rig Up Casing Crew and Fill Tool. **Run 9-5/8" 41.1 ppf, N-80 and P110 LTC Surface Casing and set at 5205'.** Wash down 4 Joints. Lay Down 1 Joint of Casing, C&C and Rig Up Cementers. Rig Down Fill Tool and Rig Up Cement Head.
- 06/13/08 Day 12. 5234' (0'). PO: NU BOPE. Rig Down Fill Tool and Rig Up Halliburton. Pressure Test Lines and Cement Surface Casing with 1170 sacks of Halliburton Varicem cement. Reciprocate 10' During Entire Job. Full Returns (120 Bbl Cement to Surface). Bump Plug and Floats Held. WOC 1/2 Hr and Observe Cement. Did Not Fall. BLM Present During Cement Job. WOC. Nipple Down Flowline. Cut Off Conductor and Surface Casing. Make Final Cut On Surface Casing. Set and Preheat Head. Weld Head and Let Cool. Test Head to 1,500 PSI. Nipple Up BOPE.
- 06/14/08 Day 13. 5234' (0'). PO: Test csg. Nipple Up BOPE. Test BOPE. Broke O-Ring on Test Plug - Wait 3 Hrs for Replacement. Complete BOPE Testing. Test Rams, Valves, and Kelly to 250 PSI/ 10,000 PSI. Test Annular to 250 PSI/ 5,000 PSI. Test Casing to 1,500 PSI.
- 06/15/08 Day 14. 5234' (0'). PO: Prep to drill with air. Running in hole w/ 8-3/4" bit to drill out float, shoe, cement. Activity After Midnight: Running in hole w/ 8-3/4" bit to drill out float, shoe, cement. Status at 0600: Drilling out float shoe, cement. Day Plan: After drilling out, survey, FIT, and circulate hole with air to commence drilling with air package.
- 06/16/08 Day 15. 5527' (292'). Install Rotating Head, DSA, & Flowline. Put up the upper walkways. Remove flowline so welder could change, wouldn't bolt up. TIH to drill out Float, Shoe, Cement. LD 11 jts of 25.6# DP. LD 11 jts of pipe. Put 20 jts of DP on rack & strap. Rack & Strap 20 jts of DP. P/U DP to tag float collar & drill out. P/U DP to Tag Float Collar. Tag Float Collar at 5185 and Drill Float and Shoe. Nipple up flowline with welders. Test 12.5 EMW. Held 1000 psi for 15 minutes. Mud Weight: 8.7 ppg. Rig Repair, (Wireline Survey Machine). Lubricate Rig. Safety Meeting with Basic Energy Services. Circulate Hole Clean and bring air package online to begin drilling ahead. Set wear bushing. P/U bit, 1 DC. Drilling Ahead to 5257. Circulate Air until Dry. Slip & Cut Drilling Line. Drill Actual f/ 5257 to 5351. Finish Cutting 1500 ft of Drilling Line. Drill Actual f/ 5351 to 5527. P/U Bit, Bit Sub, & 6 Drill Collars. Tripping into hole to drill out.

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- 06/01/08 Status at Midnight: Make up Kelly and Iron Roughneck. Activity After Midnight: Rig Up **Patterson rig no. 491**. Status at 0600: Wait on Cross Over Subs (Kelly). Attempt to Repair Wireline Machine (Survey). Wait on Survey Tool (Totco). Day Plan: Complete Rig Up and Repairs and prepare to Drill Out.
- 06/02/08 Day 1. 878' (878'). PO: Drilling. **Spud well at 2130 hrs, 06/02/2008**. Status at Midnight: Drilling Ahead @ 486'. Activity After Midnight: Drill to Present Depth. Status at 0600: Drilling Ahead @ 878'.
- 06/03/08 Day 2. 2074' (1196'). PO: Drilling. Drill f/ 486' - 1,339' (853' @ 63.2 Ft/Hr). Start Misting @ 840' (10 GPM Water and 2 GPM Soap). Install Pason Pressure Sensor. Drill f/ 1,339' - 1,433' (94' @ 94.0 Ft/Hr). Survey @ 1,379' (.33 Deg). Drill f/ 1,433' - 1,527' (94' @ 94.0 Ft/Hr). Increase Mist to 15 GPM Water (KCl/ Silica Solution) and 4 GPM Soap. Service Rig. Drill f/ 1,527' - 2,074' (547' @ 78.1 Ft/Hr).
- 06/04/08 Day 3. 3108' (1034'). PO: Continue out of hole to PU fishing tools. Drill f/ 2,074' - 2,410' (336' @ 74 2/3 Ft/Hr). Survey @ 2,352' (0.33 Degree). Drill f/ 2,410' - 3,108' (698' @ 53.7 Ft/Hr). Service Rig. Tighten Flowline Flange. Work Stuck Pipe. Stuck @ 3,063' (45' Off Bottom)/ Packed Off After Putting Air Back On After Rig Service. Perform Manuel Back Off f/ 110 KLBS In The Slips. POOH and Recover String Float @ +/- 700'. Continue Out to Pick Up Fishing Tools.
- 06/05/08 Day 4. 3108' (0'). PO: POOH. POOH F/ Fishing Tools. Recovered 19 Stands and Single. TOF @ 3,002'. Wait On Fishing Tools. Pick Up Srew-In-Sub and Bumper Sub. TIH and Srew Into Fish. Jar Down w/ Bumper Sub. Pick Up Surface Jars and Jar On Fish. Wait On Free Point Truck. Rig Up Free Point Truck and Free Point String. Back Off @ 3,002'. Fish is Bit, Hammer, and (2) 9" Drill Collars. Circulate and Condition. Light Mud w/ PhPa f/ viscosity (38 visc.).
- 06/06/08 Day 5. 3108' (0'). PO: C&C. POOH f/ Wash Pipe. Make Up Wash Pipe (Wash Pattern Shoe and 2 Joints 11 3/4" Wash Pipe), Bumper Sub, and Jar. TIH to 2,920'. Wash Down To and Over Fish. Chase Fish to Bottom (Fell). Pump Out and Lay Down 2 Joints of Drill Pipe (Placed Wash Pipe Above Fish). Circulate and Condition. POOH w/ Wash Pipe.
- 06/07/08 Day 6. 3108' (0'). PO: LD. Set Back Wash Pipe. Make Up Fishing Tools (SIS, X.O., Bumper Sub, Jar, X.O., Pump Out Sub w/ 1,500 PSI Disc, X.O., 5-6 1/2" Drill Collars, accelerator) and TIH. Wash 7 Joints to TOF (Precautionary). Work Into Box and Screw Into Fish. POOH 6 Stands - Dropped Fish. TIH and Wash 60 to Top of Fish. Screw Into Fish. POOH w/ Fish. Lay Down Fishing Tools. Break and Lay Down Bit, Air Hammer, and Bit Sub. Load Out Fishing Tools. Check (Magna Flux) Bit Sub and X.O. Sub. Make Up Bit #2 and Bit Sub On 9" Drill Collar. Check 9" Collar and Lay Down To 9" Drill Collars (Bad Face/ Shot Collar).
- 06/08/08 Day 7. 3760' (652'). PO: Drilling. TIH and Trip Check BHA (Magna Flux). Pick Up 7 Additional 6 1/2" Drill Collars. TIH. Wash and Ream 60' to Bottom. Drill f/ 3,108' - 3,131' (23' @ 46.0 Ft/HR). Survey @ 3,075' (0.86 Deg). Drill f/ 3,131' - 3,416' (285' @ 47.5 Ft/Hr). Service Rig. Drill f/ 3,416' - 3,760' (354' @ 47.2 Ft/Hr).

**STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**

5. Lease Designation and Serial No.

UTU-084317

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Well Name and Number

RYE PATCH FED 22-21

9. API Well Number

43-013-33437

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator:

Petro-Canada Resources (USA) Inc.

Contact:

Amy Karwan

Phone:

(303) 965-7455

3. Address and Telephone No.

999 18th St. Suite 600 Denver, CO 80202

(303) 297-2300

10. Field and Pool, or Exploratory Area

undesignated

4. Location of Well

Footages: 551 FNL and 2051 FWL

QQ, Sec T,R,M: NENW Section 22, T11S, R14E

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | |

Current Status

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection).

Petro-Canada spud the noted well on 6/2/2008.

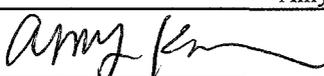
Completion operations were commenced on 9/15/2008.

As of 10/27/2008, Petro-Canada is continuing completion operations. Attached please find a chronological well report to date.

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13. Name (Printed/Typed) Amy Karwan

Title Engineering Tech

Signature 

Date 10/29/2008

(This space for State use only)

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- 07/07/08 Day 36. 9515' (0'). Repair Draw works. Pick Up Directional Tools, Orient UBHO/ Mud Motor, Change Out 3 Drill Collars (Bottom), and Lay Down Top Drill Collar (Plugged). TIH w/ BHA. TIH to 8,930' (Tag Cement Stringer). Dress Cement Plug to 9,140'. Kick Off Plug (Slide).
- 07/08/08 **Day 37.** 9515' (0'). Kick Off Plug. Slide f/ 9,141'-9,157' w/ 2-3 KLBS WOB. Directional Drill (Slide) f/ 9,157'-9,170 w/ 5-6 KLBS WOB. Directional Drill f/ 9,170'-9,264'. Slide f/ 9,170'-9,181' (11'). Rotate to 9,189' (7'), Slide to 9,192' (3'). Rotate to 9,264' (72').
- 07/09/08 **Day 38.** 9515' (0'). Drill f/ 9,264' - 9,266' (Rotate). Mix and Pump Weighted Pill. POOH. Break Off Bit. Reset Motor Bend to 1.5 Deg f/ 2.12 Deg. Scribe Motor and Orient UBHO. Install MWD and Make Up New Bit. TIH. Wash 110' to Bottom. Directional Drill f/ 9,266' - 9,309'. Slide f/ 9,266' - 9,281' (15'). Rotate to 9,292' (11'). Slide to 9,309' (17').
- 07/10/08 **Day 39.** 9515' (0'). Drill f/ 9,309' - 9,449'. Slide f/ 9,309' - 9,312' (3'). Rotate to 9,449' (137'). Service Rig. Drill (Rotate) f/ 9,449' - 9,481'. Service Rig. Drill (Rotate) f/ 9,481' - 9,513'.
- 07/11/08 **Day 40.** 9545' (30'). Drill (Rotate) f/ 9,513' - 9,545'. Pump and Circulate Out Sweep. Mix and Pump Weighted Pill. POOH and Lay Down Directional Tools. Replace lower step up chain. Tighten guard on upper step up chain (Repair Oil Leak). TIH to 9,425'. Pick Up Kelly to Wash/Ream to Bottom.
- 07/12/08 **Day 41.** 9827' (282'). Wash and Ream 120' to Bottom (Precautionary). Drill f/ 9,545' - 9,760' (215' @ 14.8 Ft/Hr). Service Rig. Drill f/ 9,760' - 9,827' (67' @ 9.6 Ft/Hr).
- 07/13/08 **Day 42.** 10083' (256'). Drill f/ 9,827' - 9,919 (92' @ 10.8 Ft/Hr). Wire line Survey (2.02 Deg @ 9,887'). Drill f/ 9,919' - 10083' (164' @ 11.3 Ft/Hr).
- 07/14/08 **Day 43.** 10301' (218'). Drill f/ 10,083' - 10,233' (150' @ 10.0 Ft/Hr). Service Rig. Drill f/ 10,233' - 10,301' (68' @ 8.0 Ft/Hr).

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- 07/15/08 **Day 44.** 10359' (58'). Drill f/ 10,301' - 10,327' (26' @ 3.2 Ft/Hr). POOH (TFNB). Correct Bit Depth (+31' / 1 Joint). Service Rig. TIH to Shoe. Slip and Cut Drilling Line (104'). TIH.
- 07/16/08 **Day 45.** 10618' (259'). Install Rotating Head Element. TIH to 10,300'. Wash and Ream 58' to Bottom (Precautionary). Cut Pattern (2-3 KLBS WOB). Drill f/ 10,358' - 10,391'. Circulate and Survey @ 10,344' (3.26 Degrees). Drill f/ 10,391' - 10,518' (127' @ 12.1 Ft/Hr). Service Rig. Grease Crown and Blocks. Drill f/ 10,518' - 10,618' (100' @ 12.5 Ft/Hr).
- 07/17/08 **Day 46.** 10680' (62'). Drill f/ 10,618' - 10,644' (26' @ 7.4 Ft/Hr). Survey @ 10,596' (3.23 Deg). Drill f/ 10644' - 10580' (36' @ 5.14 Ft/Hr). POOH (TFNB). TIH. Wash and Ream 30' to Bottom (Precautionary).
- 07/18/08 **Day 47.** 10908' (228'). Drill f/ 10680' - 10,865' (185' @ 10.6 Ft/Hr). Service Rig/Adjust Brakes. Drill f/ 10,865' - 10,908' (43' @ 7.2 Ft/Hr).
- 07/19/08 **Day 48.** 11087' (179'). Drill f/ 10,908' - 11,087' (179' @ 12.8 Ft/Hr). POOH. Fix oil leak on compound (Step up chain guard). POOH and break off bit and bit sub. Pick up mud motor.
- 07/20/08 **Day 49.** 11234' (147'). Make Up BHA and TIH. Wait On Patterson Mechanic. Work On Drawworks - Grease and Clean Seal. TIH. Wash and Ream 76' to Bottom (Precautionary). Drill f/ 11,087' - 11,234' (156' @ 34.7 Ft/Hr).
- 07/21/08 **Day 50.** 12184' (950'). Circulate And Survey (Miss run). Circulate and Survey @ 11,871' (7.04 Degree). Drill f/ 11,902' - 12,059'. Survey @ 12,262' (5.50 Degree). Drill f/ 12,059' - 12,184' (125' @ 62.5 Ft/Hr).
- 07/22/08 **Day 51.** 12925' (741'). Drill f/ 12,184' - 12,479' (295' @ 45.4 Ft/Hr). Rig Repair - Change Kelly Hose. Circulate and Work Air Out Of Pumps. Drill f/ 12,479' - 12,753' (274' @ 45.7 Ft/Hr). Survey @ 12,711' (4.89 Degree). Drill f/ 12,753' - 12,925' (172' @ 57.3 Ft/ Hr).
- 07/23/08 **Day 52.** 13931' (1006'). Drill f/ 12,925' - 13,260' (335' @ 60.9 Ft/Hr). Survey @ 13,229' (5.11 Degree). Drill f/ 13,260' - 13,514' (254' @ 50.8 Ft/Hr). Service Rig. Drill f/ 13,514' - 13,735' (221' @ 49.1 Ft/Hr). Rig Repair - Generators over heating and kicking out. Drill f/ 13,735' -13,767'

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(32'). Survey @ 13,719' (4.14 Degrees). Drill f/ 13,767' - 13,931' (164' @ 41.0 Ft/Hr).

- 07/24/08 **Day 53.** 14659' (728'). Drill f/ 13,931' - 14,278' (347' @ 36.5 Ft/Hr). Circulate & Survey @ 14,247' (4.12 Degrees). Drill f/ 14,278' - 14,659' (381' @ 29.3 Ft/Hr).
- 07/25/08 **Day 54.** 15132' (473'). Drill f/ 14,659' - 14,755' (96' @ 14.0 Ft/Hr). Circulate and Survey @ 14,703' (5.23 Deg). Drill f/ 14,755' - 15,132' (377' @ 20.9 Ft/Hr).
- 07/26/08 **Day 55.** 15132 (0'). C&C Pump weighted pill and prepare to POOH to change out 30 joints of drill pipe (Rig time on contractor). POOH and LD 30 joints of drill pipe. Change bit with on bank. TIH (Rig time on contractor).
- 07/27/08 **Day 56.** 15367' (235'). TIH after changing out drill pipe (time on contractor). C&C break down stands in derrick (time on contractor). Drill f/ 15,132' - 15,223' (91' @ 18.2 Ft/Hr). Service Rig. Survey @ 15,177' (4.51 Degree). Drill f/ 15,223' - 15,367' (144' @ 13.7 Ft/Hr).
- 07/28/08 **Day 57.** 15707' (340'). Drill f/ 15,367' - 15,660' (293 @ 16.7 Ft/Hr). Service Rig. Drill f/ 15,660' - 15,707' (47' @ 7.8 Ft/Hr).
- 07/29/08 **Day 58.** 15731' (24'). Drill f/ 15,707' - 15,731' (24' @ 3.4 Ft/Hr). C&C. Mix and Pump Weighted Pill. Hold Pre-Operational Safety Meeting. POOH. Held Safety Meeting with Rig Crew and Petro-Canada Safety Team. POOH and Lay Down Mud Motor and Bit. TIH.
- 07/30/08 **Day 59.** 15934' (203'). TIH to shoe. Slip and cut drilling line. Pick up 6 joints of drill pipe and TIH. Fill pipe and establish circulation. Wash and ream 85' to bottom. Drill f/ 15,731' - 15,863' (132' @ 13.9 Ft/ Hr). Service rig. Drill f/ 15,863' - 15,934' (71' @ 15.8 Ft/Hr).
- 07/31/08 **Day 60.** 16202' (268'). Drill f/ 15,934' - 16,202 (268' @ 15.8 Ft/Hr). C&C. Build weighted pill. Pump weighted pill and drop survey. POOH from logs.

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- 08/01/08 **Day 61. 16202' TD.** POOH f/ logs. Rig up loggers and log w/ Baker. Loggers TD @ 16,220'. Rig down logger and prepare to TIH. TIH (Wiper Trip)
- 08/02/08 **Day 62.** TIH. Wash and ream 50' to bottom (Precautionary). C&C. POOH f/ logs. Rig up Baker. Rig up coring tool and test on cat walk (Failed). Change coring tools and RIH (2nd tool failed). POOH to pick up imaging tool.
- 08/03/08 **Day 63.** POOH w/ side wall coring tools (Failed/ Baker). RIH w/ imaging tool (Failed). POOH and change imaging tools. RIH w/ 2nd imaging and log from TD to 9,000'. POOH and rig down loggers.
- 08/04/08 **Day 64.** Rig down loggers. TIH (Wiper trip/ wait on Baker Coring Tools). Wash and ream 57' to bottom. Circulate and condition from logs. POOH from logs.
- 08/05/08 **Day 65.** POOH from side wall cores. Rig up loggers. Cut side wall cores (2 runs). Unable to pass 14,900 on 1st run. Cut cores above 14,900. Work tool to 15,900' and cut remaining cores on second run. Rig down loggers. Make up bit and start TIH to LDDP.
- 08/06/08 **Day 66.** TIH to shoe. Slip and cut drilling line. TIH. Break circulation and wash 60' to bottom (precautionary). C&C. Rig up lay down machine. LDDP.
- 08/07/08 **Day 67.** LDDP. Break Kelly. Lay down BHA. Rig up casers. Hold safety meeting. Rig up fill tool. Run production casing.
- 08/08/08 **Day 68.** Run 5 1/2" production casing. C & C casing (Reciprocate 10')/ rig down casers. Rig up cementers, hold safety meeting, pump 5 bbls water and 60 bbls Tuned Spacer. Pump 2115 SX 50/50 Poz Premium (719 Bbls). Displace w/ 340 bbl fresh water. Reciprocate casing 10' during entire job. Full returns. Bumped plug w/ 800 PSI. Over displacement pressure. Final lift pressure 3,900 PSI @ 2 BPM. Bleed off pressure (5 bbls). Floats held. **Plug Down @ 16:11, 8/8/2008.** Rig down cementers and load out tools. Nipple down and lift BOPS.

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08/09/08 **Day 69.** Pick up BOPS w/ IPS (double Jack). Set slips @ 280 KLBS (40 KLBS Over). set down stack and load out lift. **Release Rig @ 02:30 Hrs, August 9, 2008.**

COMPLETION REPORTS

09/15/08 **Completion Day 1** - Rig moved in and rigged up. Set anchors. Installed 15K tubing hanger and tested same. Ok. Moved in and unloaded 6500' of 2 7/8" 6.5# N80 tubing. Remove thread protectors, strap pipe, clean and dope pipe. Install 15K X 10K spool. Nipple up BOP's and Annular. Made up 4 1/2' bit, xo, pick up 3 Drill collars and start in hole with 2 7/8" tubing. Loaded and hauled 130 joints of 2 7/8' tubing from Rye Patch well 24-21 well. Shut down for night.

09/16/08 **Completion Day 2** - Wait on daylight. Picked up and RIH with 6728' of new 6.5, N80 tubing. Ran rabbit on each joint, visually inspected pins and boxes. Picked up used 2 7/8" 6.5 N80 tubing from Rye Patch 24-21 location and put on pipe racks. Cleaned both pins and boxes of rust and RIH. Ran rabbit through each joint. Visually inspected pipe. Laid down 4 bad joints. RIH to 9128'. SDFN.

09/17/08 **Completion Day 3** - Wait on daylight. Picking up 2 7/8" tubing. Cleaning and visually inspecting each joint. Running rabbit through each joint. Found a total of 7 bad joints, all with stretched threads. Back of rig settling due to wet ground. Rigged down floor and hauled in dirt from location and filled in wet spot. Levelled up derrick and rigged back up floor. RIH with 2 7/8" tubing. Tagged cement on top of plug at 16,183'. Ran a total of 516 joints of 2 7/8" tubing. 6,728' of new 6.5 N80 pipe and the remainder from the Cottonwood well and the Rye Patch Fed 24-21 well. Pulled up and stood 2 stands in derrick. Will rig up pump and tank and drill out float collar and down to shoe tomorrow. SDFN.

09/18/08 **Completion Day 4** - Wait on daylight. RU hard lines from pump to tank to well head. Filled rig tank with water. RIH with tubing and tagged at 16,183'. Broke circulation. RU power swivel. Drill float collar and cement to 16,222'. Circulate hole clean with water. Pull out of hole with 234 stands of tubing and stood back in derrick. SDFN.

09/19/08 **Completion Day 5** - Wait on daylight. Crew travel. Safety meeting, discussed Petro-Canada's policy regarding FRC's and smoking policies.

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Finished out of hole. Laid down 3 DC's. Broke out bit and bit sub. Make up bit and 5 1/2" 23# casing scrapper and start in hole. Scrapper hanging up in annular found annular to be partially closed. Opened same and started in hole. RIH with 2 7/8" tubing to 10,240'. Brakes not holding. Remove cover and found brake shoes worn out. Ordered out new brake pads. Removed old worn out pads while waiting. Wait on repairs. Repairing brakes. SDFN.

- 09/20/08 **Completion Day 6** - Wait on daylight. Repairs to brakes. RIH with bit and scraper to 16, 100'. RIH slow while breaking in new brake pads and shoes. SDFN.
- 09/21/08 **Completion Day 7** - Shut down for Sunday.
- 09/22/08 **Completion Day 8** - Wait on daylight. Ran in hole with bit and scraper. Cleaned out to 16,222'. Rotated bit and scraper while on bottom. No fill. Hole clean. RU lubricator and swabbed well down to 4100'. Pull out to 2000' with bit and scraper. SDFN.
- 09/23/08 **Completion Day 9** - Wait on daylight. Move in and RU BWWL to run CBL and Perforate. Ran in hole with gauge ring and junk basket to 16,222'. Laid down junk basket and RIH with cement bond log, with Gamma Ray/ CCL. Logged from 16,216' to 5400'. Estimated top of cement at 13,300' (as per BWWL Engineer). Pulled out of hole using light towers for light. Laid down tools. RD BWWL. Unloaded frac valve and set on top of tubing hanger. SDFN.
- 09/24/08 **Completion Day 10** - Wait on daylight. NU frac value. BWWL did not have adapter to nipple up to 15 K frac value. Wait on adapter. RU BWWL and RIH with perforating gun. Correlated to Baker Hughes open hole log. Perforated 16,199' to 16,214'. Perforated with Owens super hero gun. Shot 3 SPF, with 3 3/8" gun, 120 degree phasing, and 21 gm. Pulled out of hole with gun. All shots fired. RD BWWL. SDFN.
- 09/25/08 **Completion Day 11** - Wait on daylight. At 0700 well on vacuum. RIH to swab. NU BOP's. RU floor. Had to re-do all lines to compensate for the height of the 15 K frac value. Rig floor approximately 15' off ground. RIH with s/n and 2 7/8" tubing. RIH to 15,550'. SDFN.

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- 09/26/08 **Completion Day 12** – WOD. Finish in hole with tubing. RU to swab. RIH with swab line and tag fluid at 5200'. Made a total of 12 swab runs. Pulled last run from 8600'. Recovered a total of 75 bbls of fluid. Tail gas on end of last several runs. Fluid rising 400 to 500 feet on last 2 runs. Fluid has a strong gas smell. SDFN. Well shut in with gauges on both the tubing and casing.
- 09/27/08 **Completion Day 13** - WOD, 0 pressure on casing and tubing. Rigged up lubricator and RIH with swab line. Tagged scattered fluid at 4900', tagged solid fluid at 6900'. Made 4 runs pulling from 8600'. On 3rd run tagged fluid at 6400'. Recovered a total of 50 bbls of fluid. Have recovered a total of 125 bbls. Fluid is gassy with a strong gas smell. Strong blow with fluid after each swab run. On the 5th run line began to unravel while going in hole at approx. 7200'. Pulled line out of hole very slow and laid down lubricator. Will now wait on cable splicer to repair line before any more swabbing. Swab line is new and the first time it has been used swabbing. Wait on cable splicer.
- 09/28/08 **Completion Day 14** - Wait on cable splicer.
- 09/29/08 **Completion Day 15** - Wait on repairs to swab line. Made repairs to swab line. Cut and spliced 50' of line. RIH and tagged fluid at 6900'. Made a total of 18 swab runs. Recovered a total of 50 bbls of gas cut fluid. Difficult swabbing in this used tubing due to scale and traces of cement. This tubing has been used for a work string on the Rye Patch Fed 24-21 and the Cottonwood well. Have tried several different types of swab cups but none last over 2 runs. Fluid is gassy before and after each swab. Pulling from 9700' on last run. SDFN.
- 09/30/08 **Completion Day 16** - Wait on daylight. Pressure on tubing and casing TIH and tag fluid at 9200'. Made 20 swab runs pulling from on last run 12,512'. Recovered a total of 60 bbls of slightly gas cut fluid. Small blow in front of and behind each swab run. Caught 2 fluid samples and will send in. SDFN.
- 10/01/08 **Completion Day 17** - Wait on daylight. RIH and tag scattered fluid at 12,000'. Made 8 runs pulling from 15,000'. Recovered a total of 5 bbls of fluid. Waited 2 hours and made run and recovered no fluid. SDFN.

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- 10/02/08 **Completion Day 18** - Wait on daylight. Pick up lubricator and RIH with swab. Tagged scattered fluid down to S/N. Made 3 runs recovering 0 fluid. Laid down swab equipment. Rigged up pump and loaded hole with 345 bbls of water. SDFN.
- 10/03/08 **Completion Day 19** - Wait on daylight. RU Halliburton and circulated hole. No signs of gas from well. Held safety meeting. Tested all lines to 11000 psi, ok. Run DFIT, break down formation at 9072 psi, 2.2 bpm. Pumped for 5 minutes at a steady rate of 8382 psi at 2.7 bpm. ISIP 7970 psi, 5 min 7716 psi. and 1 hour 7467 psi. RD Halliburton. Halliburton pressure gauges will be left hooked up for 24 hours. Wait 24 hours for pressure readings.
- 10/04/08 **Completion Day 20** – WOD. Wait on pressure recorders to reach 24 hours. Pull same and prepare to swab. Make up swab lubricator and tag fluid at surface. Made 18 runs with the final run from 5000'. Recovered a total of 111 bbls of load water. Have a total of 345 bbls to recover. SDFN.
- 10/05/08 **Completion Day 21** – WOD. Pressure on both casing and tubing. RIH and tagged fluid at 5000'. No fluid rise overnight. Laid down lubricator and swab equipment. Laid down 202 joints of 2 7/8" tubing. SDFN.
- 10/06/08 **Completion Day 22** – WOD. Lay down tubing. Rig repairs. Changed out compressor on engine. Lay down tubing. SDFN.
- 10/07/08 **Completion Day 23** – WOD. Finish laying down 2 7/8" tubing. RD floor, tongs, BOP's and remove flange from Frac valve. Move in BWL and rig up same. Make up CIBP and perforating gun and run in hole. **Set CIBP at 16,120'**. Picked up 10' and set back down on plug. Plug in place. **Perforated 15,853' to 15,856'**, 3', 3 spf with 3.125 casing gun, 23.5 gm, .43 dia, 120 degree phasing. Perforated from Baker Density/neutron log. Attempted to perforate 15,808' to 15,813 and 15,786' to 15,792'. Both of these would not fire. Pull out of hole. Ran back in hole and again guns would not fire. Will run new guns from town tomorrow in the AM. POOH, lay down tools. SDFN.
- 10/08/08 **Completion Day 24** – WOD. Made up perforating guns and run in hole. **Perforate 15,808' to 15,813' and from 15,786' to 15,792'**. Shot 3 SPF, 120 degree phasing, 3.125 casing gun, correlated from Baker D/N log.

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POOH, all shots fired. RD BWWL. RD Excel Services rig and move to Rye Patch Fed 24-21. Shut down with well shut in waiting on Halliburton to frac.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

5. Lease Designation and Serial No.
UTU-084317

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name
N/A

7. Unit Agreement Name
N/A

1. Type of Well

Oil Well Gas Well Other

8. Well Name and Number
RYE PATCH FED 22-21

2. Name of Operator:

Petro-Canada Resources (USA) Inc.

Contact:

Amy Karwan

Phone:

(303) 965-7455

9. API Well Number

43-013-33437

3. Address and Telephone No.

999 18th St. Suite 600 Denver, CO 80202

(303) 297-2300

10. Field and Pool, or Exploratory Area
undesignated

4. Location of Well

Footages: 551 FNL and 2051 FWL

County: Duchesne

QQ, Sec T,R,M: NENW Section 22, T11S, R14E

State: Utah

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Current Status

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

Approximate date work will start _____

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection).

Petro-Canada spud the noted well on 6/2/2008.

Completion operations were commenced on 9/15/2008.

As of 1/9/2009, Petro-Canada is continuing completion operations. Attached please find a chronological well report to date.

RECEIVED

JAN 15 2009

DIV. OF OIL, GAS & MINING

13.

Name (Printed/Typed)

Amy Karwan

Title

Engineering Tech

Signature

Amy Karwan

Date

1/12/2009

(This space for State use only)

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- 10/30/08 **Completion Day 25** - Prepare to frac with Halliburton. Wait on Halliburton, planned to start pumping at 0800 hours. Halliburton arrived on location at 0730. Halliburton had the wrong flange to rig up on 7 1/6" X 15K frac valve. They brought out 10K flange. WO flange from Rock Springs, Wyoming. Arrived on location a 2500 hours. Installed flange and rigged up lines to frac well. Tested all lines to 13,500 psi, all ok. Safety meeting. Frac well with 91,920 lbs of 30/70 premium sand. Traced all sand with Iridium. Loaded hole with 2 bbls of fluid, pumped 1000 gallons of 15% HCL acid. Broke formation at 9075 psi at 9.0 bpm. Average rate of 29.10 bpm, average pressure 9172 psi. Max. pressure 9885 psi. Pumped a total of 459 bbls of slick water, pumped a total of 1461 bbls of total fluid. Final ISIP 8825 psi, frac Gradient 0.99., 5 min. 8415 psi, 10 min. 8235 psi, 15 min. 8160 psi. RD Halliburton. Prepare to open well on 16 choke and flow to flow back tank. Open well to flow back tank on 16 choke. Made a total of 810 bbls of fluid during this period. Pressure when opened was 8000 psi dropping to 1000 psi at 2400 hours. No traces of gas. Slight traces of sand at 2200 hours.
- 10/31/08 **Completion Day 26** - Flowing well to flow back tank. Pressure dropping to 100 psi after approximately 5 to 6 hours. Shutting well in for pressure build up. Pressure building to 1400 to 1600 psi in 2 hours. Recovered a total of 178 bbls of fluid in 24 hours. Fluid has slugs of gel along with traces of gas. Gas will burn until a slug of water or gel puts it out. Recovered a total of 988 bbls of fluid.
- 11/01/08 **Completion Day 27** - Flowing well on 12 choke, pressure at 200 psi. Recovered a total of 20 bbls of fluid during this period. Slight trace of gas, slugs of gel, gas will burn until put out by water or gel. Shut in for pressure build up for 2 hours, pressure up to 1600 psi. Flowing well to tank, pressure dropped from 1600 psi to 200 psi. Flowing on 12 choke. Recovered a total of 82 bbls of fluid during this period. Shut in for pressure build up. Pressure at 1200 psi. Flowing well on 12 choke. Pressure at 500 psi. Recovered a total of 122 bbls of fluid during this 24 hours. Have recovered a total of 1110 bbls of fluid.
- 11/02/08 **Completion Day 28** - Flowing well to tank on 12 choke. Pressure at 100 psi. Made a total of 21 bbls of gassy fluid during this period. Fluid has traces of gel and sand with some gas. Shut in. Pressure at 750 psi. Flowing well pressure dropped to 100 psi. Made 29 bbls of fluid. Shut in

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pressure at 700 psi. Flowing well, pressure dropped to 100 psi. Made a total of 90 bbls of fluid during this 24 hours. Have flowed a total of 1200 bbls of fluid since Frac.

- 11/03/08 **Completion Day 29** - Flow well to tank on 12 choke. Pressure at 100 psi. Made a total of 40 bbls of fluid, traces of gas with gel. Recovered a total of 1240 bbls of fluid since frac. Shut in for pressure build up. Pressure at 1750 psi at 2400 hours.
- 12/17/08 **Completion Day 30** - Well shut in, wait on BWWL. BWWL to set plug and perforate. Did not have the right well head connection. Waited on same. Wire line and run in hole with sinker bars, no fill. Made up 10K composite plug and ran in hole. Set plug at 15,730'. Depths correlated back to open hole log. Pulled out of hole and ran in with dump bailer and dumped 1 sack of cement on top of plug. (8') Lay down bailer. Made up guns and ran in hole to perforate Mancos formation. **Perforated 15,570' to 15,610' with 1 SPF. (40'). Perforated with 3.375 gun, 120 degree phasing, 19" penetration. Perforated from 15,515' to 15,516', 1 3SPF. 41 total holes.** Pulled out of hole RD BWWL, ALL SHOTS FIRED. SDFN.
- 12/18/08 **Completion Day 31** – WOD. Halliburton on location with all equipment to frac. WOO. Warm up equipment, prime up pumps. Tighten up bolts on adapter spool. Test all lines to 10K. Held safety meeting with all personnel. Opened frac valve and loaded hole with 5 bbls of fluid. Pressured up and broke down formation at 9490 psi at 10.2 bpm pumped in 1000 gals of 7.5% acid. Pumped in formation a total of 81,200 lbs of sand. Max. psi 9976, average psi 9164. Pumped a total 4065 bbls of fluid in hole. Frac gradient 1.03, final ISIP 9289, fluid system, Slick water, 5 min. 8570 psi, 10 min. 8383 psi and 15 min. 8269 psi. Traced all sand with scandium, SC-46, was not able to pump frac as designed due to several Halliburton pump problems. Scheduled to pump at 45 BPM but only averaged 20.3 bpm. This was also due to high pressure. Halliburton has sent in 2 trucks for repair. Pressure started to rise at end so job was cut short in order to flush hole clean. Flushed well bore to top perf. RD 2 trucks to send to town, prepare to set flow through plug and perforate. BWWL arrived on location with 5K lubricator instead of a 10K that was ordered. Wait on same.

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Completion Day 32 - Flow back well on 12 choke. Flowed back a total of 735 bbls. RU BWWL. Working on computer. PU 10K flow through plug and run in hole. Set plug at 15,485'. POH and lay down setting tool and pick up perforating guns. RIH and **perforated 3 SPF with 3.375" casing gun, .32" dia, 19" penetration ion, 15,463' to 15,464', 15,452' to 15,453', 15,437' to 15,438', 15,402' to 15,403', 15,390' to 15,391', 15,387' to 15,388', 15,382' to 15,383', 15,375' to 15,376', 15,352' to 15,353', 15,314' to 15,315', 15,305' to 15,306' and 15,293' to 15,294'**. POH lay down guns and lubricator. ALL SHOTS FIRED. RU Halliburton safety meeting. Pressure test all lines to 10K, open frac valve, hole full. Break down formation 8532 psi with 4 BPM. Pumped 1000 gals of 7.5% acid. Lost 2 pump trucks while pumping pad. Shut down and repaired same. Resumed pumping Slick water frac. Pumped a total of 3581 bbls of fluid. Pumped in formation 72,300 lbs of sand. Avg. pumping rate 30.8 bbls, Max. psi 9989, as 1# hit formation pressure rose significantly, cut sand went to flush. Screened out 3300 gals flush into flush. Left 99 sacks of sand in well bore, (850') placed 75% of designed sand in formation. 5 SI 8488, 10 min 8414, 15 min 8385. Traced all sand with Antimony. RD Halliburton. Opened well to pit to flow back sand if possible. Opened on 14 choke with pressure at 8500 psi. Flowing back well to pit on 14 choke, recovered a total of 201 bbls of fluid during this period. Slight traces of sand pressure at 2500 psi.

12/20/08

Completion Day 33 - Flow back well to pit while waiting on BWWL. Flowed back 348 bbls of water with traces of sand. Pressure at 1800 psi. Well head connection froze up, thawed out same. Pick up lubricator and RIH with gauge ring and sinker bars to check for fill. RIH to 15,290', no fill. POH, operator did not equalize pressure while pulling out of hole. Pressure blew wire line up to top of lubricator parting line. Laid down lubricator, splice line and repair top connection on lubricator. While picking up lubricator wire line crew broke high pressure fitting on equalizing hose. Waiting on same from town. Made repairs. RIH with FTP (10K) and set at 15,264'. **Perforated with 3 SPF with 3.375" csg gun, 11.0 gm, .32" dia, 19" penetration, Perforated 15,232' to 15,233', 15,227' to 15,228', 15,222' to 15,223', 15,215' to 15,216', 15,201' to 15,202', 15,198' to 15,199', 15,189' to 15,190', 15,181' to 15,182', 15,157' to 15,158', 15,140' to 15,141', 15,113' to 15,114', 15,104' to 15,105' and 15,080' to 15,081'**. POH, LD lubricator. ALL SHOTS FIRED.

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- 12/21/08 **Completion Day 34** - RD BWWL. Laid down lubricator. Wait on daylight. Temperature is at -14 degrees. RU Halliburton to frac zone 5 (E). Trying to thaw out frozen valves and lines. Water in frac tanks temperature has dropped to about 35 to 40 degrees. When water hits cold lines it freezes. Ordered hot oil trucks that will be on location at 1500 hours. Heating water and thawing out Halliburton lines. Safety meeting, pressure tested all lines to 10K, hole full, broke down formation with 10,100 psi at 7.4 BPM., pumped 1000 gal. of 7.5 acid, ran extra pad to see acid breakdown before going to sand. Went to sand, saw increase of pressure in .5# gal, cut sand and went to spacer. Went back to sand, lost another truck, cut sand and went to flush. Truck went down during flush. Lost a total of 4 of 6 trucks during job. Frac grad. 1.01, final ISIP 8758 psi. Pumped a total of 1698 bbls of fluid, 6800 lbs of sand in formation, average pump rate 18 bpm. Shut down, draining all lines, attempting to close frac valve. Valve appears to be frozen. Hooked up heater to valve and same until in the morning. Wait on daylight.
- 12/22/08 **Completion Day 35** - Wait on daylight, heating up well head to close frac valve. Waiting on 15 XO from Halliburton. Heating water and waiting on Halliburton to arrive to repair 4 trucks that are down. Halliburton repaired trucks. Changed out 10K spool for 15K spool. Hauled in and heated water.
- 12/23/08 **Completion Day 36** - Filling tanks with clean filtered water. Thaw lines, rig up to frac. Preparing to re-frac group E. Safety meeting, test all lines to 14000 psi. Opened well, fluid at surface broke formation with 10163 psi at 9.2 bpm, pumped 1000 gal. 7.5% acid. Shut down after acid on formation, lost packing in 2 trucks. Started back pumping, staged into spacer early when .75# stage due to pressure rise. Extended spacer stage. Pressure started to increase rapidly as second .75# stage was on formation. Cut sand, went to flush. Placed 70% of designated sand in formation. Max pumping pressure 11358 psi, avg. pumping rate 10371 psi. Pumped a total of 3689 bbls of fluid in formation. Pumped in formation 11200 lbs of 100 mesh sand and 46500 lbs of 40/70 sand. A total of 57500 lbs in formation. Avg. pump rate 31.5 bpm. Final ISIP 9110 psi, 5 min SI 8779 psi, 10 min 8731 psi, 15 min 8721 psi. Frac Gradient 1.03. Traced all sand with Iridium. RD Halliburton RU JWO wire line. Picked up 10K lubricator and ran in hole with flow through frac plug. Set plug at 15,07'. Perforated 3 SPF, 120 degree phasing, 3.375" csg gun, 11.0 gm, .32 dia, (919") penetration. **Perforated 15,053' to 15,054', 15,048' to 15,049',**

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15,044' to 15,045', 15,039' to 15,040', 15,034' to 15,035', 15,028' to 15,029', 15,020' to 15,021', 15,014' to 15,015', 15,007' to 15,008', 15,002' to 15,003', 14,994' to 14,995' and 14,982' to 14,983'. WOD.

- 12/24/08 **Completion Day 37** – WOD. Thaw out Halliburton lines and frac value. Safety meeting. Pressure tested all lines and values to 14000 psi. Opened frac value, hole full. Broke down formation with 9657 psi at 6.7 bpm, pumped a total of 5300 lbs of 100 mesh sand in formation, pumped 1446 bbls of fluid. Average pumping rate 11.1 bpm. Max pressure 14,029 psi, average pumping pressure 12,615 psi. Final ISIP 8,704 psi, 5 m in. 8558 psi, 10 min. 8607 psi, 15 min 8545 psi. Ran pad at max pressure at 5 bpm, pressure dropped 3000 psi when acid hit, went to sand pressure hit max dropped rate went to flush. RD Halliburton. Pressure at 7800 psi opened well on 8 choke. Recovered a total of 650 bbls of fluid during this period. Pressure at 6300 psi.
- 12/25/08 **Completion Day 38** - Shut down for Christmas. Flowing well to pit on 8 choke for 12 hours, pressure at 3800 psi. Shut in for 12 hours, pressure at 5400 psi. Flowed back a total of 520 bbls of fluid during this period.
- 12/26/08 **Completion Day 39** - Haul frac water and heat same for final 2 frac's. Temperature -10 degrees. Have had 2' of snow during last 3 days. Driving on road but still having problems getting water truck to location. Unable to get frac value completely open. Wood Group to send out service hand with high pressure pump. Will pump methanol in ports to clean out ice or sand. High winds causing poor visibility. Due to the delay in setting plug and perforating the frac for today has been cancelled. Will try to get perforated frac tomorrow. Wood Group arrived with hand pump and methanol and attempted to pump into frac value ports. Could not pressure up enough to fill value with fluid wait on high pressure hot oiler. Continued to wait on hot oiler.
- 12/27/08 **Completion Day 40** - Rigged up hot oiler and pumped hot water in body of frac value. Pressured up to 5000 psi trying to get value to open. Unable to completely open value. Installed night cap on top of frac value due to value leaking in the closed position. Wood group located 15K frac value and will have it on location in the AM. Flowed well to pit on 12 choke for 12 hours, recovered a total of 860 bbls of fluid during this period. Shut well in for 12 hours and pressure built up to 6500 psi.

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- 12/28/08 **Completion Day 41** - Wait on frac value, well open to pit on 12 choke. Pressure at 3900 psi, flowed back a total of 480 bbls of water. Flowing back gas. Pressure at 2400 hours while well was shut in was 6900 psi. Unloaded second frac value from truck. Opened needle value on night cap of frac value and bled down pressure. Frac value leaking in the closed position. Picked up and set second frac value on top of leaking frac value. Took over 1 hour to get value closed. Second value very difficult to open and close. RU JWO wire line and RIH with FTP, set same at 14,976'. Perforate with 3.375" casing gun, 120 degree phasing, 11.0 gm, .32" dia, 19" penetration, shot 1 SPF. **Perforated 14,939' to 14,940', 14,929' to 14,930', 14,850' to 14,870', 14,835' to 14,845' and 14,812' to 14,818'.** Pull out and lay down perforating gun. ALL SHOTS FIRED. SDFN, prepare to frac in the AM.
- 12/29/08 **Completion Day 42** - WOD, open well at 2400 hours, pressure at 7000 psi, bled down on 12 choke, recovered a total of 720 bbls of fluid during this period. RU Halliburton, thaw out lines, install Goat Head. Safety meeting. Goats head leaking, tighten same, thaw out lines. Test all lines to 14000 psi. Frac Mancos with Slick water frac. Opened frac value and loaded hole. Pressured up and broke formation at 9434 psi at 9.4 bpm. Pumped a total of 4542 bbls of frac fluid. Max pressure 11145 psi, average pressure 11145 psi. Average pumping rate 38.8 bpm, max rate 41.9 bpm. ISIP 8308, 5 min 8059 psi, 10 min 8018 psi, 15 min 7987 psi, Frac Gradient 0.99 psi/ft pumped a total of 11,100 lbs of 100 mesh sand, a total of 62800 lbs of 40/70 sand. Pumped a total of 73900 lbs of sand in formation. Traced sand with Scandium. RD Halliburton. Well SI. Moved in Hot Oilers and heated water to 90 degrees. Heated 1 tank to 120 degrees.
- 12/30/08 **Completion Day 43** - From 2400 hours to 0600 hours bled down well on 12 choke. Pressure at 0600 was 4900 psi flowed back a total of 700 bbls of frac fluid. RU JWO WL and RIH with FTP and gun. Set plug at 14,700'. Picked up 10' and tagged plug. Plug in place. Pressure at 6000 psi while running in hole. JWO high pressure lubricator performing like it is designed no problem running in hole. Perforated with 3.375" casing gun, 1 SPF, 11.0 gm, .32 dia. 19" penetration. Perforated 14,245' to 14,259'. POH LD Gun, all shots fired. RIH with 2nd gun and perforated 14,228' to 14,236', 14,210' to 14,226'. A total of 38 holes all 1 SPF. Pressure while running in hole 7900 psi. No problems. LD gun and lubricator. ALL SHOTS FIRED. RD JWO WL. Sent all their equipment

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to town, excellent job by JWO. RU Halliburton. Install goats head, SAFETY MEETING, test all lines to 14000K. Opened Frac value and loaded hole. Broke down formation at 9987 psi at 11 bpm bpm. Unable to pump acid, shut down. Pumped 1000 gallons of 7.5% acid, pumped a total of 4566 bbls of frac fluid, pumped a total of 84,200 lbs of sand in formation. Max. pump rate 44.9 bpm, average pump rate 41.1 bpm. Final ISIP 7810 psi, frac Gradient 0.98, 5 min. 7750 psi, 10 min. 7724 psi, 15 min 7706 psi. Max. pumping pressure 10,658 psi, average pressure 9141 psi. Traced all sand with Antimony. Pumped 11800 lbs of 100 mesh sand and 72400 lbs of 40/70 sand in formation. Unable to close top frac value. Had to leave Halliburton hooked up to well head until value can be repaired.

- 12/31/08 **Completion Day 44** - Open well on 12 choke and flow back to pit, flowing pressure at 7900 psi, recovered a total of 765 bbls of fluid. Waiting on crew to repair top frac value. Halliburton's head still on top of frac value. Wood group service hands showed up on location and would not work on leaking frac value due to high pressure. WOR.
- 01/01/09 **Completion Day 45** - WOR, shut down for Holiday. SI pressure at 10,800 psi.
- 01/02/09 **Completion Day 46** - Well shut in 10,800 psi. Shut in pressure. W/O CUDD.
- 01/03/09 **Completion Day 47** - Wait on Cudd pressure control. Well shut in with 10,800 psi.
- 01/04/09 **Completion Day 48** - WOR. Well shut in pressure at 11000 psi.
- 01/05/09 **Completion Day 49** - Wait on Cudd prerssure control. Cudd concerned with high pressure. Wants to bleed down pressure as low as possible before trying to freeze value. Opened well on 8 choke to bleed down pressure. Pressure at 11000 psi, at 1700 hours pressure was at 4500 psi, flowing back straight gas with no traces of water. Cudd built ice box around top frac value. Bleeding down pressure on well on 16 choke pressure at 3500 psi. Recovered a total of 450 bbls of fluid during this period.

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- 01/06/09 **Completion Day 50** - Continued to bleed down pressure. Pressure gauge on manifold was giving a false reading due to freezing. Gauged showed 900 psi on the manifold. Rigged up gauge on Halliburton's lines running down from goats head and it read 8900 psi. Thawed out Halliburton's flow line to pit and flowed back gas. Thawed out manifold and flowed back gas. Cudd refused to attempt to freeze valve unless pressure was bled down to 3 to 4000 psi. Released Cudd. Flowed well to pit on 8/10/12 choke. Starting flowing pressure 8900 psi at 0600 pressure at 5400 psi. Recovered a total of 780 bbls of fluid.
- 01/07/09 **Completion Day 51** - Flow well to pit, flowed back well on 12 choke recovering a total of 360 bbls of fluid. Install extra 1 13/16 15K valve on wellhead. Hook up second choke manifold on well head. SIP 6800 psi. Pressure tested new manifold to 7000 psi, no leaks. Shut well in for pressure build up. Replaced tarps on well head and both manifolds. 2 heaters hooked up and keeping well head and manifold warm. SIP 8900 psi.
- 01/08/09 **Completion Day 52** - Well shut in waiting on WWC. Pressure at 0900 8900 psi. Wild Well Control arrived dug out cellar, removed cellar ring. Wait on Nitrogen.
- 01/09/09 **Completion Day 53** - Well shut in. Pressure at 8800 psi at 0600 hours. Wait on 9 5/8" jacket to begin freezing casing. Held safety meeting with Wild Well Control, BTI, Excell Well Service, Superior, P/C and Nielson construction. Discussed procedure for freezing casing. Rigged up to cut and saw 13 3/8" casing. Drilled holes in casing and checked for gas before removing 13 3/8" casing. No traces of gas. Removed 5' of 13 3/8" casing. Cleaned away cement and buffed pipe clean. Used gas detector while in cellar removing 13 3/8" casing. Installed 9 5/8" jacket around pipe to inject nitrogen. Cleaned out cellar and installed scuffling in order to remove frac valves when casing is frozen. Moved in and rigged up Superior pump truck and nitrogen truck. Rigged up lines from Superior to Halliburton ground lines which are hooked up to goat's head. Prepare to freeze casing.

CONFIDENTIAL

5. Lease Designation and Serial No.
UTU-084317

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allote or Tribe Name
N/A

7. Unit Agreement Name
N/A

8. Well Name and Number
RYE PATCH FED 22-21

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator: Petro-Canada Resources (USA) Inc.
Contact: Amy Karwan
Phone: (303) 965-7455

9. API Well Number
43-013-33437

3. Address and Telephone No.
999 18th St. Suite 600 Denver, CO 80202 (303) 297-2300

10. Field and Pool, or Exploratory Area
undesignated

4. Location of Well
Footages: 551 FNL and 2051 FWL County: Duchesne
QQ, Sec T,R,M: NENW Section 22, T11S, R14E State: Utah

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Current Status _____

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

Approximate date work will start _____

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection).

Petro-Canada spud the noted well on 6/2/2008.

Completion operations were commenced on 9/15/2008.

As of 3/17/09 the well is shut-in and awaiting final evaluation. Attached please find a chronological well report to date.

RECEIVED

MAR 19 2009

DIV. OF OIL, GAS & MINING

13. Name (Printed/Typed) Amy Karwan	Title Engineering Tech
Signature <i>Amy Karwan</i>	Date 3/17/2009

(This space for State use only)

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- 01/10/09 **Completion Day 54** - Vent dry gas on 12/64" choke till water recovered. At 0600 hrs water to surface, SWI Greg Olson and Rick Eggelston on location. Safety meeting, days events expected. Inspect scaffolding – add support, fill vac truck with heated water. Test lines 10k psi, attempt pump into well thru frac tree, cannot open Howco valves. NU to tbg head valves, test 10k psi. Pump into well head 1 bpm w/ water 8,217 psi. Begin N2 cool down. Pump 15 BW, 9200 psi, slow to .5 bpm. At 30 bbls wtr gone, press 9,515 psi, shut down pump. Pump .5 bbls wtr every 15 min, 9,200 psi, decrease to 8915 psi in 15 min, then 8716 psi in 30 min. Open manifold, check for fluid returns, all water. At instructions from Wild Well Control mixed 18 bbls of gel with fresh water and mixed same in Superior tub, pumped 14 bbls of high visc. gel in to well head, continue freeze operations. Continued to freeze casing with nitrogen. Install slings onto Goats Head/frac tree & hook to crane with no tension, prep all equipment, scaffoldings. Hold safety meeting on well repair and discuss procedure details. Csg press 8200 psi, WSI for freeze. Pressure test to 9,000 psi, 1/2 hr, good test. Wait 1 1/2 hrs continuing freeze. Pressure test to 10000 psi, 1/2 hr, good test. Begin slow bleed off, well pressure 5000 psi. Halliburton lines jumped 6", loud crack heard. All personnel stopped work to determine source of noise. Pressure at 0. In 5 minutes goats head (frac tree) parted at bottom of upper flange of 7-1/16" 15k psi x 4-1/16" 15k psi x-over spool. Well venting to atmosphere. Evacuate location to muster point. All hands accounted for, no injuries. Part occurred at 1645 hrs. Hold safety/strategy meeting, assign duties. Evacuate all vehicles, pump trucks, N2 vessel and shut down all motors, generators and ignition sources. Secure location and road into location, post guards. Notify management Hal Koerner 1730 hrs, BLM Matt Baker, and State of Utah Oil & Gas Jim Springer. Conditions at 1800 hrs - winds to ENE 5-10 mph, well venting +/- 3 MMCFD, plume 100', dispersion area 100' radius.
- 01/11/09 **Completion Day 55** - MET team in planning, prepare work plan, well venting +/-750 MCFD. Winds to NNE light 5 mph. Plume 30', surges to 40', area of dispersion +/- 40'. Guards posted on road 4 miles from location. Road blocked at location.
- 01/12/09 **Completion Day 56** - MET meetings, plan preparation, wait on tools, well venting +/-750 MCFD. Safety meeting, all PCR/WWC personnel, discussion with Hal Koerner. Enter location in pairs, monitoring LEL, 0% throughout location and wellhead area due to wind dispersion, conditions - winds to NNE 10 to 15 mph, gusts to 25 mph. Well venting, plume 10' to

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20', heavy mist of water, +/- 40' water spray dispersion radius to N & NE side of location, approximately 100 MCFD. Condition of wellhead, tubing head valves, manifold lines, manifold, csg head valve all ok, no apparent damage. Fluids contained on location. Set up staging area on Rye Patch 24-21 location, MET conference call, safety meeting on location on bleed off procedures & trapped pressure. Open Superior pump line valve, disconnect from tbg head valve, clean off location, remove equipment from wellhead area, frac tree & frac lines, superior pump line, flow back manifolds, tarps, light plants, well heaters. Bleed down choke manifold, disconnect and remove. Safety meeting with WWC & crane operator - inform of conditions to expect on location and situation. Mob crane onto location, unload 2 WWC / BTI trucks with fire pumps, fire protection systems, tool containers, remove crane from location. Shut down operations for night fall. Well venting +/- 150 MCFD. Wait on daylight, hold MET meetings, update and prepare work plan, site plan and safety procedures.

01/13/09

Completion Day 57 - Well venting, wait on daylight. Safety meeting PCR/WWC/Crane operator/Wood Group personnel – proper pressure handling procedures, ignition avoidance. Well site inspection – ground frozen, temp 26 deg F, winds to NE 5 mph, plume 10' to 20', heavy mist, dispersion radius 30' to 40' to NE corner, venting +/- 150 MCFD, no condensate. LEL survey shows 0% through out location and well head area due to wind dispersion. Full containment on location. Safety meeting with Vac truck driver, bring on site, vac out cellar, clean up same, remove freeze jacket, N2 line, visual inspection of 9-5/8" casing – good condition. Test primary & secondary seals on csg head - tbg head - 5.5" csg to 10k psi - ok. Install tapped bull plug, needle valve & 5k psi gauge on csg head valve 370 psi. Leave valve in closed position. Spot crane, RU fire pumps, protection system test same. Lift & spot 15k psi flow back manifold, accumulator. Replace tbg head valve on N side wellhead with 2 1-13/16" 15k psi gate valves - leave in closed position. Prep capping equipment. Nipple down lower frac valve, prepare bridle, lift off 7 set out. Lift and set 15k psi 7-1/16" double ram BOP, bolt up, torque down, rig up to accumulator, NU choke manifold. Close upper blind rams. Well secured at 1600 hrs 1/13/09. Inspect well head, manifold, casing head valves, tbg head valves, BOPE. Monitor pressures on csg head annulus and shut in casing. At 1800hrs SICP 700 psi, csg head 450 psi, 1900 hrs SICP 1600 psi, csg head 500 psi, 2000 hrs SICP 1900 psi, csg head 500 psi, 2100 hrs SICP 2300 psi, csg head 500 psi, 2200 hrs SICP

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2700 psi, csg head 500 psi, 2300 hrs SICP 3200 psi, csg head 500 psi,
2400 hrs SICP 3600 psi, csg head 500 psi, open on 6/64" choke to pit.

- 01/14/09 **Completion Day 58** - Wait on daylight. Well shut in w/ bridge plug @ 14,100'. Hold safety meeting (PCR, CO, JW, and Excel). Rig up JW Wire line and 10k psi lubricator. Run gauge ring to 14,200' (Top of Perfs). No set downs. Hold full safety meeting (PCR, CO, JW, Excel, and WWC). Turn of all radios and phones. Non-essential personnel restricted from location. RIH and **set composite bridge plug @ 14,100'**. Blow down well. Bleed f/ 5,450 PSI to 2,600 PSI (1 Hr). Hold 10 minutes (No change). Continue to bleed down to 1,050 PSI. Hold safety meeting (PCR, JW, CO, and Excel). Pick up dump bail, mix and fill with 1 sk of cement from 8' plug. RIH and attempt to dump w/o success (Cement prematurely set in dump bail). Clean out and reload dump bail for second attempt. RIH to set plug w/o success. Cement prematurely set in dump bailer. Close and lock blind rams (Secure well). Monitor pressure. Order out fresh cement and retarder. Wait on daylight.
- 01/15/09 **Completion Day 59** - Monitor pressure. Wait on daylight. Hold safety meeting (PCR, JW, Excel). Rig up JW Wire line pick up dump bailer, mix 1 sack of cement and fill dump bailer. RIH and dump cement on composite bridge plug @ 14,100'. POOH and rig down JW Wire line and lubricator. Release JW Wire line and J&C Crane. Add 5' of conductor and cement conductor/surface casing annulus. Set cellar ring and back fill dug-out with road base compacting every 6"-8". Prep location for rig. Wait On daylight monitor pressures.
- 01/16/09 **Completion Day 60** - Wait on day light. Monitor pressures. Hold safety meeting PCR/ Excel. Unload new 2 7/8, 6.5#, P110, EUE tubing from trucks and rack same. Set rig. Hold safety meeting (PCR, Excel, Premier Services). Casing pressure increased to 1,250 psi. Bleed off well and fill with water. Change annulus pressure valve (Bad). Recheck pressures (1,200 psi in annulus). Bleed off pressure (Annulus) to zero. Test tubing head seal with wood group to 10,000 psi (Good). Continue to fill 5 1/2" casing. Raise derrick on rig and continue rig up. Pump up to 3,000 psi on well and shut in for 30 min (Held). Shut in well and shut down for the night. Monitor pressures. Wait on day light, monitor pressures.
- 01/17/09 **Completion Day 61** - Wait on daylight, monitor pressures. Hold safety meeting (PCR, Excel, Premier). Nipple down BOP and drop spacer spool.

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Nipple up 15k double gate, change out top blind rams to 2 7/8" pipe rams, nipple up 10k annular. Hold safety meeting (PCR, Excel, Quick Test, Premier). Test BOPE. Nipple up rotating head and set pipe rack. Complete rig up. Wait on daylight, monitor pressures. Wait on crews (Safety incident drug test in town).

- 01/18/09 **Completion Day 62** - Monitor pressures. Wait on crews (DOT training today).
- 01/19/09 **Completion Day 63** - Monitor pressures. Wait on daylight. Hold safety meeting (PCR, Excel and Premier). Complete rigging up floor and tongs. Complete racking pipe. Hold safety meeting (PCR, Excel). Strap tubing, make up bit, bit sub, pup joint and XN nipple and start picking up tubing. RIH to 7,065' (215 joints in). Install TIW and shut pipe rams. Pump brine across top of well and into choke manifold (to prevent freezing). Shut down operations for the night. Monitor pressures wait on daylight.
- 01/20/09 **Completion Day 64** - Wait on daylight, monitor well pressure. Picking up 2 7/8" P - 110 tubing. Tag cement at 14,065'. Move in and RU power swivel, RD BTI 15K manifold and RU Wood Group 10 K manifold. Secure well for night. X nipple 2.875 OD and 2.312 ID, XN nipple 2.875 OD and 2.312 ID. WOD to drill out cement and plug.
- 01/21/09 **Completion Day 65** - WOD, monitor well. Warm up rig, start and warm up power swivel. Slack off and tag what we thought to be cement at 14,065'. Picked up 5' and broke circulation. Slacked back down to 14,065' and began drilling. After 2 minutes broke through plug and pressure increased to 3600 psi. Unable to pump down tubing due to tight pressure. Shut in pipe rams and Annular. Flowing well through manifold on 10 choke. Flowing well on 16 choke, pressure at 4100 psi. Flowing water and gas. Bled pressure down to 2500 psi. Rigged up and pumped in 50 bbls of water down tubing. TIW valve will not close. Well dead on tubing, picked up 1 joint of tubing and slowly began to drill with power swivel. Made 6' and could not get any deeper. Power swivel locking up and will not turn. Bit stacking out, appears that parts of plug is wedged around bit. Depth now is 10,075'. Made up second TIW and closed in same. Secured well and will flow to pit overnight. Flowing well to pit on 20 choke. At 2400 hours pressure at 1500 psi on 24 choke. Recovered a total of 50 bbls during this period.

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- 01/22/09 **Completion Day 66** - WOD, flowing well on 24 choke to pit. Pressure at 0800 1350 psi. Recovered a total of 40 bbls of water during this period. RU line from rig pump to top TIW value. Warm up rig pump and pump in 50 bbls of water to kill tubing. Removed 2 bad TIW values and replaced with new ones. RU Delsco Northwest slick line. MU and RIH with Otis X series pump through plug and set in X nipple at 5120'. POH and RD. MU power swivel. Tag up at 10,075'. Worked up and down trying to free tubing. Unable to rotate at 10,075'. Picked up 5' and tubing would rotate. Unable to work tubing down hole. While working tubing up stiff arm on swivel hung on tubing board breaking off bell pin. Laid down power swivel, installed extra TIW and secured well for night. Flowing well through manifold on 24 choke. Pumped a total of 25,048 bbls of water on all frac's. Have recovered a total of 9,251 bbls. Have a total of 15,797 bbls LTR. WOD, flowing well to pit. Pressure at 2400 hours 1000 psi. Recovered a total of 112 bbls of fluid.
- 01/23/09 **Completion Day 67** - WOD, flow well to pit on 24 choke. Pressure at 900 psi 1700 psi on tubing. Otis pump through plug leaking. Changed out power swivels. Tag tight spot at 14,065'. Worked tight spot by rotating and working pipe both up and down. Tubing freed up with no drag up or down. RIH with tubing to flow through plug at 14700'. Drilled plug. Otis pump through plug not holding. Pressure leaking back through plug. RIH to FTP at 14976'. Drilled plug. Circulating with 2200 psi pressure. RIH to 14,997'. Pressured up to 3000 psi could not circulate. Pump through plug in X nipple plugged up. Pressured up several times to 3000 psi and tried to surge plug with no success. Continued to try to pump through Otis plug with no success. Broke out and laid down power swivel. Secured well for the night. WOD. Flowed well to pit on 24 open choke. Pressure ranging from 1500 psi to 100 psi. flowed 143 bbls of water during this period.
- 01/24/09 **Completion Day 68** - WOD, flowing well to pit on open choke, pressure at 0 to 300 psi, flowed back a total of 100 bbls of fluid. RU and RIH with slick line to retrieve Otis Pump through plug. Latched onto plug and pulled out of hole. Broke down plug and no indications that plug had been plugged up. RD slick line equipment. RU rig pump and attempt to pump down tubing pressure up to 3100 psi. Bit and or tubing plugged released pressure, tried again, same results. PU 2 7/8" tubing hanger with BPV in place. Ran in and set hanger. EOT at 14,944'. RD floor and prepare to ND BOP's. ND Washington head, annular, and 15 K BOP's. NU tree.

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Pull BPV, RU line from tree to manifold to flow back tubing. Shut well in for pressure build up. WOD. Well shut in for pressure build up. Casing pressure at 2400 hours 6500 psi. Tubing pressure 700 psi.

- 01/25/09 **Completion Day 69** - Well shut in for pressure build up. Casing pressure at 7000 psi tubing pressure slowly built to 900 psi. Well shut in for pressure build up. Casing pressure at 7700 psi. Tubing pressure jumped from 900 psi to 2400 psi at 1100 hours. Tubing pressure now at 2500 psi.
- 01/26/09 **Completion Day 70** - Well shut in for pressure build up, casing pressure at 7800 psi, tubing pressure at 2500 psi. HEAVY SNOWFALL, received 8" during night and still snowing. RU line from tubing to flow back tank. Opened on 8 choke. In 1 hour pressure on tubing down to 0 psi. Unloaded dirty water and sand. Tubing pressure back up to 2500 psi, casing pressure at 8200 psi. Opened tubing up on 14 choke, recovered black water and lots of sand. Again pressure bled to 0. Tubing pressure back up to 2500 psi, casing at 8200 psi. Opened well on full opening choke and unloaded dirty fluid and sand. Pressure dropped down to 500 psi then climbed to 3600 psi. Cleaned out plugged up tubing and bit. Shut in for build up. Well shut in for pressure build up. Casing pressure at 7800 psi, tubing pressure at 7600 psi.
- 01/27/09 **Completion Day 71** - Well shut in. Casing pressure at 0700 hours, 8000 psi, tubing pressure at 7900 psi. At 0700 hours opened well to tank on 10 choke. Switching from tank to pit when able to flare gas. Well making clean gas with slight traces of sand. Frac water seems to be fairly clean. Caught 2 samples and will send in for analysis. Pressure dropping on both casing and tubing. At 1500 hours pressure on tubing 3500 psi and 4400 psi on casing. Continued to flow check well. Loaded out and returned the following: ALL BTI TOOLS, SENT TO TEXAS. 15 k BOP's, accumulator, 15 k manifold, 15 k hard lines and 15 k hoses. WEATHERFORD ANNULAR, XO SPOOL, TIW'S. Continued to flow well to tank and pit. Tubing pressure at 3100 psi, casing pressure at 4000 psi. Flowed back a total of 112 bbls of fluid during this period. LTR: 15,430 bbls. Fluid clean with no traces of sand for the last 6 hours. Flowing clean gas that burns.
- 01/28/09 **Completion Day 72** - Flow well to tank. Flowed back 72 bbls of water during this period. Water is clean with no traces of sand. Gas is too wet to burn. Tubing pressure at 1900 psi, Casing pressure at 2700 psi.

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Continued to flow check well, pressure at 2400 hours on casing 3000 psi, tubing 2000 psi. Flowed back a total of 390 bbls of fluid during this period. 462 bbls recovered for the 24 hour period. LTR: 14,968 bbls.

01/29/09 **Completion Day 73** - Continued to flow well to pit and tank on 10 choke. Pressure on casing at 0600, 3000 psi, tubing 2000 psi. Flowed back a total of 160 bbls of milky white fluid. Gas burns a lot 30% of the time. MCF approx. 300 to 400. Sent water samples in to Halliburton for analysis. Instructed Halliburton to send results to Peter Hampton. Pressure on tubing at 2400 hours 1700 psi, casing 2600 psi, recovered a total of 375 bbls of water during this period. Recovered a total of 535 bbls in 24 hours. LTR: 14,433 bbls. EXCELL REPAIRING HAUDRAULICS ON RIG. No charge to p/c.

01/30/09 **Completion Day 74** - Continued to flow back and flare well on 10 choke. Casing pressure at 2900 psi, tubing pressure at 1700 psi. Flowed back a total of 175 bbls of fluid the last 24 hours. LTR: 14,258. At noon 1 of the bottom zones kicked in and tubing pressure jumped from 1900 psi to 3300 psi immediately, casing pressure went from 2900 psi to 4800 psi, gas rate doubled within minutes. Fluid for the first 2 to 3 hours had traces of sand. Pressures at 2400 hours, tubing 3300 psi, casing 4500 psi.

01/31/09 **Completion Day 75** - Continued to flow and flare well on 10 choke. Pressure erratic on both casing and tubing. Pressure at 0900 on casing 3100 psi, on tubing 2800 psi. Checked pressure on backside. Pressure at 800 psi. Bled same down recovering a small amount of water and gas. Shut well in while blowing down backside. Rig crews arrived at 12 noon and replaced bad hydraulic motor and control system. Ran same for a couple of hours and no problems. Rig ready for service. Continued to flow back well, casing pressure 1000 hours 4700 psi, on tubing 3700 psi. Caught 2 water samples during this period. Pressure at 2400 hours on casing 4600 psi, on tubing 2900 psi. Made a total of 675 bbls of fluid during this 24 hour period. LTR: 13,583 bbls.

02/01/09 **Completion Day 76** - Continued to flow well on 10 choke. Flowed back a total of 1450 bbls of fluid during these 24 hours. Tubing pressure has stayed at 1500 psi from 0700 to 2400 hours. Casing pressure has stayed at 2400 hours for the same period. Fluid will not burn due to large amount of water. Traces of sand with some gas. LTR: 12,133 bbls.

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02/02/09

Completion Day 77 - Continued to flow well on 10 choke. Tubing pressure at 1400 psi and casing pressure at 2300 psi. Unloaded 273 joints of 2 3/8" P-110 4.7# tubing (from Price). Continued to flow well on 10 choke. Conference call from Denver to discuss future plans for the well. Tubing pressure at 1400 psi, casing pressure at 2300 psi. Unloaded 213 joints of 2 3/8" P-110, 4.7# tubing (from Vernal). Spot Excel well service rig to well head. RU same. Safety meeting prior to rigging up. Continued to flow back well to tank & pit. Tubing pressure 1400 psi, casing pressure 2300 psi. Pressure on tubing at 2400 hours 1300 psi, pressure on casing 2300 psi. Recovered a total of 1290 bbls of fluid during this 24 hours. Gas to wet to burn. LTR: 10.843 bbls, water is clear in color with slight traces of sand.

02/03/09

Completion Day 78 - Continued to flow back on 10 choke, recovering 50 bbls of fluid per hour. Pressure on tubing at 0300 hours 1300 psi, on casing 2300 psi. Opened choke to a 22/64, well now producing 80 bbls of water per hour. Pressure on tubing at 0600 hours 1000 psi, casing 1900 psi. Discussed plans with Manager Peter Hampton. Opened well on 30 choke and pressure down to 700 psi on casing, 500 psi on tubing. Received word back from Peter to proceed ahead with setting BPV and cleaning out to next frac plug. Will report pressures to him before drilling out plug. RU and pumped 25 bbls of 10.2 brine down tubing. RU lubricator and run in with BPV. Set same in tubing hanger. Pressure while pumping brine was 800 psi at 2 1/2 bpm. ND tree, NU BOP's, annular and Washington head. Spot in and RU power swivel. RU to circulate down tubing. Pick up joint of 2 7/8" tubing and make up to swivel, began circulating down tubing. Circulating pressure 0 to 200 psi. Tag sand at 14,966', circulated bottoms up, circulated out solid sand for 15 minutes, recovered traces of drilled up plugs. Casing pressure 200 psi. Circulated down to top of plug. Tagged plug at 15,060'. Drill plug and washed down to 15,085'. Plug was very difficult to drill. Circulated while drilling and washing. Circulated hole clean, circulated until all sand and pieces of plugs were cleaned up. Discussed shut down for night mode with Peter Hampton. Pumped 25 bbls of brine in tubing. Hung off swivel, laid down 1 joint. Installed TIW valve, installed gauge in TIW so pressure can be monitored during the night. Flowing back casing on 18 choke. Well shut in on tubing. Tubing pressure 500 psi, casing pressure at 1500 psi. Flowing well to tank on 18 choke. Recovered a total of 1040 bbls of fluid during this period. LTRL: 9,803 bbls.

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02/04/09 **Completion Day 79** - Well shut in on tubing, at 0600 pressure was 50 psi, casing pressure at 200 psi, flowing well back on 40 choke. Warmed up rig. Pumped 20 bbls of brine down tubing. RU power swivel. RIH with tubing, circulating each joint in hole. Tagged light sand at 15,191'. Cleaned out to 15,610'. Did not see any indication of plugs that were set at 15,264' or 15,485'. Recovering light sand and no signs of drilled up plugs. Circulated hole clean, circulated clean water with slight traces of sand and again no signs of any pieces of drilled plugs. Lost approx. 90 bbls of water while circulating at 15,610' (fresh water). Pump 20 bbls of brine down tubing. Lie down and move out swivel. Lay down a total of 77 joints of tubing. Pins in slips broke. Unable to function power slips. Shut down until tomorrow. EOT: 13,780'. Set slips manually. Install TIW, install gauge to monitor pressure during night. Flowing well to pit on 18 choke. Flowing well on 18 choke at 2400 hours tubing pressure at 50 psi, casing pressure at 900 psi. Recovered a total of 930 bbls during this 24 hour period. LTR: 8873 bbls.

02/05/09 **Completion Day 80** - Flowing well to pit. Tubing shut in with pressure at 500 psi, casing flowing on 40 choke with pressure at 50 psi. Had safety meeting and discussed P/C plans for laying down and picking up tubing. Change out slips, pump 25 bbls of brine down tubing. Lay down 100 joints of 2 7/8" tubing. Tubing belching fluid. Pumped 20 bbls of brine down tubing. Laid down 100 joints of 2 7/8" tubing. Tubing has a slight blow. Pumped 20 bbls down tubing. Laid down 2 7/8" tubing. Left 47 joints in hole for kill string (1541'). Including rental pipe have a total of 475 joints to lay down. RENTAL PIPE WAS LAID DOWN AND SENT IN THIS A.M. Installed TIW and gauge on tubing, casing open to tank. Set up racks and moved 2 3/8" pipe from edge of location to beside rig. Removed thread protectors and measured top row. MU re-entry guide. Tubing shut in with 0 pressure, casing open to tank with 50 psi. Recovered a total of 700 bbls of water during this period. Pumped in a total of 65 bbls for kill fluid. Recovered a net 635 bbls. LTR: 8238 bbls.

02/06/09 **Completion Day 81** - Well flowing on casing and shut in on tubing. Pressure on casing with full opening choke 50 psi, 0 pressure on tubing. Held safety meeting with crew to discuss changing from 2 7/8" equipment to 2 3/8". Ask each member to be alert and know their assignment while making this change. Pumped 60 bbls of brine down tubing. Finished pulling out of hole and laying down 2 7/8" tubing. Well dead, broke out bit, nipples and pup joints. Changed out elevators and slips from 2 7/8" to

Rye Patch Fed 22-21
Operator: Petro-Canada Resources (USA) Inc.
NENW Section 22, T11S, R14E, SLB&M
Duchesne County, Utah
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2 3/8", changed out rams, changed out rubber in Washington head. Crews did outstanding job doing this safely and quickly. Make up 2 3/8" re-entry guide, 1 joint of 2 3/8" 4.7#, P-110 casing, 2 3/8" XN nipple, 1-10' P-110 pup joint, 1560' of 2 3/8" tubing, well flowing up tubing. Pumped 30 bbls down tubing to kill well, pick up 2 joints, well flowing again. Pumped 80 bbls of brine down tubing and killed well. Picked up 2 3/8" tubing. Picked up a total of 382 joints during this period. Pumped in 30 bbls of brine. Pumped a total of 30 bbls during this last period. Pumped in a total of 200 bbls to keep tubing from flowing while running in hole. E.O.T. @ 12,320'. Installed TIW and gauge on tubing, casing flowing to pit and tank on open choke. SI pressure on tubing at 800 psi, casing pressure on open choke 100 psi, recovered a total of 755 bbls of water in this 24 hour period. LTR: 7683 bbls.

02/07/09 **Completion Day 82** - Killed tubing with 90 bbls of brine. Safety meeting. Finished picking up 2 7/8" P-110, 4.7# tubing. Picked up a total of 437 joints. End of tubing @ 14,110.91'. Removed Washington head rubber. Made up 2 3/8" tubing hanger with BPV installed. Measured from floor to tubing head. Slacked off to top of tubing hanger and picked back up to get string weight. Installed tubing hanger in hanger. ND BOP's and set on stump of accumulator. Installed tree and tested same with 15,000 for 15 minutes, ok. Made up lubricator and pulled back pressure value. Well shut in for pressure build up, both casing and tubing shut in. Rigged down rig's pump and tank and racked out hard lines. Left derrick in air until Monday.

02/08/09 **Completion Day 83** - Tubing and casing shut in for pressure build up. Pressure on tubing 5100 psi, casing 4900 psi. SITP: 6200 psi, SICP 6000 psi.

02/09/09 **Completion Day 84** - Well shut in. Tubing SITP 6500 psi, SICP 6300 psi. Open well from tubing to pit on 8/64 choke. Flaring gas with no water. Tubing pressure 5900 psi on casing, 5500 psi on tubing. Flaring gas to pit, no water. Tubing pressure 4500 psi, casing pressure 4800 psi. Finished rigging down rig and moving same to side of location. Flaring gas to pit on 8/64 choke. Pressure at 4000 psi, casing pressure at 4500 psi. Flaring gas, tubing pressure at 3800 psi, casing at 4500 psi, no water. Flaring gas, no water. Tubing pressure 3200 psi, casing pressure 4000 psi. Discussed with Peter Hampton and changed choke to 12/64. Tubing unloading water at a rate of 80 bbls per hour. Water knocked out flare.

Rye Patch Fed 22-21
Operator: Petro-Canada Resources (USA) Inc.
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Tubing pressure at 3000 psi, casing pressure at 4300 psi. Continued to flow back on tubing on 12/64 choke. Tubing pressure at 2200 psi, casing pressure at 3300 psi. Recovering clean water with slight traces of water. Recovered a total of 300 bbls during this flow back period. Continued to flow well to tank through tubing. At 1800 hours well began making more gas than water. Opened tubing up to a 14/64 choke. At 2400 hours tubing pressure at 1500 psi and holding. Casing pressure at 2500 psi. Recovered a total of 1070 bbls of fluid during this 24 hour period. To wet to burn. LTR: 6403 bbls.

02/10/09

Completion Day 85 - Flowing well on 14/64 choke. Tubing pressure at 1500 psi, casing pressure at 2600 psi. At 0900 shut well in while waiting on Gasco to purge and pig line. Met with BLM inspector on location on Monday. Both locations OK. SITP 3200 psi, SICP 4100 psi. At 1500 hours rigged up and pigged line. Recovered pig at other end at 1530 hours. Pressured up on sales line. Will pressure up to 700 psi and shut in well until tomorrow. Waiting on parts to complete hooking up meter. Shut well in, closed in sales line. Sales line pressure at 700 psi. SITP 2700 psi, SICP 3600 psi. Sales line pressure at 700 psi. Recovered a total of 60 bbls of fluid during this period. LTR: 6343 bbls.

CONFIDENTIAL

5. Lease Designation and Serial No.
UTU-084317

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name
N/A

7. Unit Agreement Name
N/A

8. Well Name and Number
RYE PATCH FED 22-21

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator: Petro-Canada Resources (USA) Inc.
Contact: Amy Karwan
Phone: (303) 965-7455

9. API Well Number
43-013-33437

3. Address and Telephone No.
999 18th St. Suite 600 Denver, CO 80202 (303) 297-2300

10. Field and Pool, or Exploratory Area
undesignated

4. Location of Well
Footages: 551 FNL and 2051 FWL County: Duchesne
QQ, Sec T,R,M: NENW Section 22, T11S, R14E State: Utah

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Current Status

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

Approximate date work will start

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection).

Petro-Canada spud the noted well on 6/2/2008.

Completion operations were commenced on 9/15/2008.

As of 11/05/09 the well is shut-in and awaiting final evaluation. Attached please find a chronological well report to date.

RECEIVED

NOV 09 2009

DIV. OF OIL, GAS & MINING

13. Name (Printed/Typed) Amy Karwan	Title Analyst - Engineering & Operations
Signature <i>Amy Karwan</i>	Date 11/5/2009

(This space for State use only)

Rye Patch Fed 22-21
Operator: Petro-Canada Resources (USA) Inc.
NENW Section 22, T11S, R14E, SLB&M
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- 02/08/09 **Completion Day 83** - Tubing and casing shut in for pressure build up. Pressure on tubing 5100 psi, casing 4900 psi. SITP: 6200 psi, SICP 6000 psi.
- 02/09/09 **Completion Day 84** - Well shut in. Tubing SITP 6500 psi, SICP 6300 psi. Open well from tubing to pit on 8/64 choke. Flaring gas with no water. Tubing pressure 5900 psi on casing, 5500 psi on tubing. Flaring gas to pit, no water. Tubing pressure 4500 psi, casing pressure 4800 psi. Finished rigging down rig and moving same to side of location. Flaring gas to pit on 8/64 choke. Pressure at 4000 psi, casing pressure at 4500 psi. Flaring gas, tubing pressure at 3800 psi, casing at 4500 psi, no water. Flaring gas, no water. Tubing pressure 3200 psi, casing pressure 4000 psi. Discussed with Peter Hampton and changed choke to 12/64. Tubing unloading water at a rate of 80 bbls per hour. Water knocked out flare. Tubing pressure at 3000 psi, casing pressure at 4300 psi. Continued to flow back on tubing on 12/64 choke. Tubing pressure at 2200 psi, casing pressure at 3300 psi. Recovering clean water with slight traces of water. Recovered a total of 300 bbls during this flow back period. Continued to flow well to tank through tubing. At 1800 hours well began making more gas than water. Opened tubing up to a 14/64 choke. At 2400 hours tubing pressure at 1500 psi and holding. Casing pressure at 2500 psi. Recovered a total of 1070 bbls of fluid during this 24 hour period. To wet to burn. LTR: 6403 bbls.
- 02/10/09 **Completion Day 85** - Flowing well on 14/64 choke. Tubing pressure at 1500 psi, casing pressure at 2600 psi. At 0900 shut well in while waiting on Gasco to purge and pig line. Met with BLM inspector on location on Monday. Both locations OK. SITP 3200 psi, SICP 4100 psi. At 1500 hours rigged up and pigged line. Recovered pig at other end at 1530 hours. Pressured up on sales line. Will pressure up to 700 psi and shut in well until tomorrow. Waiting on parts to complete hooking up meter. Shut well in, closed in sales line. Sales line pressure at 700 psi. SITP 2700 psi, SICP 3600 psi. Sales line pressure at 700 psi. Recovered a total of 60 bbls of fluid during this period. LTR: 6343 bbls.
- 02/11/09 **Completion Day 86** - Well shut in on build up and waiting on sales meter parts. 12:30 THP 4300 psi, CHP 5200 psi. Open well to flow down pipeline on 10/64 choke. Meter froze off at 2100 hr, shut in well and wait on methanol. Thaw out meter and resume flow at 0300 on 15/64 choke rate of 991 mcf/d. Recovered 53 bbls of fluid, LTR 6290 bbls.

Rye Patch Fed 22-21
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- 02/12/09 **Completion Day 87** - Continue to flow well down pipeline, increased choke size to 20/64 at 1600 hr flow rate and water rate fluctuating. Fluid recovered 207 bbls of fluid, LTR 6020 bbls. Daily gas production 263 Mscf.
- 02/13/09 **Completion Day 88** – Continue to flow well down pipeline on 20/64 choke. Gas rate fluctuating between 610 to 1,027 Mscfd. Fluid recovered 118 bbls, LTR 5902 bbls. Daily gas production 952 Mscf.
- 02/14/09 **Completion Day 89** – Continue to flow well down pipeline on 20/64 choke. Well starting to load up. Shut in well at 0900 hr to allow pressure build up, CHP at 2400 psi, THP at 1000 psi. Open up to sales at 1530 hr, CHP 3900 psi, THP 2800 psi. Shut in well at 2100 hr for pressure build up, CHP 1500 psi, THP 600 psi. Open to sales at 2400 hr CHP 2400 psi, Fluid recovered 114 bbls, LTR 5788 bbls. Daily gas production 756 Mscf.
- 02/15/09 **Completion Day 90** - Continue to flow well down pipeline on 20/64 choke. Well continues to load up. Shut in at 1600 hr for pressure build up, resume flow at 2000 hr CHP 2600 psi, THP 1500 psi, flow to 0200 hr. Shut in for build up, resume flow at 0500 hr, CHP 2500 psi, THP 1500 psi. Fluid recovered 109 bbls, LTR 5679 bbls. Daily gas production 571 Mscf.
- 02/16/09 **Completion Day 91** - Continue to flow well down pipeline on 20/64 choke. Well continues to load up. Shut in at 0900 hr for pressure build up, resume flow at 1400 hr CHP 2600 psi, THP 1700 psi, flow to 2000 hr. Shut in for build up, resume flow at 0100 hr, CHP 3000 psi, THP 2000 psi. Fluid recovered 98 bbls, LTR 5581 bbls. Daily gas production 480 Mscf.
- 02/17/09 **Completion Day 92** - Continue to flow well down pipeline on 20/64 choke. Well continues to load up. Shut in at 1800 hr for pressure build up, resume flow at 2400 hr CHP 2900 psi, THP 1900 psi. Fluid recovered 83 bbls, LTR 5498 bbls. Daily gas production 814 Mscf.

Rye Patch Fed 22-21
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- 02/18/09 **Completion Day 93** - Continue to flow well down pipeline on 20/64 choke. Shut in well at 0900, rig up PSL to run pressure recorders. Pressure test lubricator, run and land pressure recorders at 14,078 ft. At 1115 hr, CHP 2700 psi, THP 1800 psi, flow well into pipeline on a 15/64 choke. Shut in well for pressure build up at 1915 hr, CHP 2000 psi, THP 1000 psi. Fluid recovered 21 bbls, LTR 5477 bbls. Daily gas production 652 Mscf.
- 02/19/09 **Completion Day 94** - Well shut in for pressure build up. Tear out production test equipment and load out.
- 02/20/09 **Completion Day 95** - Well shut in for pressure build up.
- 02/21/09 **Completion Day 96** - Well shut in for pressure build up.
- 02/22/09 **Completion Day 97** - Well shut in for pressure build up.
- 02/23/09 **Completion Day 98** - Well shut in for pressure build up.
- 02/24/09 **Completion Day 99** - Well shut in for pressure build up.
- 02/25/09 **Completion Day 100** - Well shut in for pressure build up.
- 02/26/09 **Completion Day 101** - Well shut in for pressure build up.
- 02/27/09 **Completion Day 102** - Well shut in for pressure build up.
- 02/28/09 **Completion Day 103** - Well shut in for pressure build up.
- 03/01/09 **Completion Day 104** - Well shut in for pressure build up.
- 03/02/09 **Completion Day 105** - Well shut in for pressure build up.
- 03/03/09 **Completion Day 106** - Well shut in for pressure build up.
- 03/04/09 **Completion Day 107** - Well shut in for pressure build up.
- 03/05/09 **Completion Day 108** - Well shut in for pressure build up.
- 03/06/09 **Completion Day 109** - Well shut in for pressure build up.

Rye Patch Fed 22-21
Operator: Petro-Canada Resources (USA) Inc.
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Duchesne County, Utah
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- 03/07/09 **Completion Day 110** - Well shut in for pressure build up.
- 03/08/09 **Completion Day 111** - Well shut in for pressure build up.
- 03/09/09 **Completion Day 112** - 0730, Check and recorded tubing and casing pressure, CHP 8300 psi, THP 7700 psi. Wait on Superior Wire Line, (broke down with brake problems on crane.) arrived at 1000 hr. Held safety meeting, unlocked and removed chain from valves on wellhead. 1300 hr, installed 10K flange on top of tree, Picked up lubricator and made up same, tested to 10K, ok. 1500 hr, RIH to retrieve gauges, Fluid level at 12,440', latched on to pressure gauges. 1830 hr, pulled gauges as per prognosis, stopping at designated intervals. Broke out gauges and downloaded same. Obtained rough data and released Production Logging Services with Gauges. Max. pressure 9906 psi, Max. temp 395 F. Close wellhead valves.
- 3/10/09 **Completion Day 113**
0700 hr, Arrive Location, held Safety Meeting. 0730 hr, Pick up lubricator, Make up 1.75" Gauge ring. Test Lubricator to 10K, OK. 1100 hr RIH with GR, tag fill at 14,350', work line trying to work through tight spot. At 14,365 GR set down solid, line and tools getting sticky. Pulled out of hole and contacted Management in Denver. 1300 hr, Rigged down Superior Wire Line, released Protechnics as only top perforations were open to log. 1400 hr, Secured well, installed chain and lock on wellhead.



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

TAKE PRIDE
IN AMERICA

4301333437
Rye Patch 22-21
T11S R14E Sec 22

RECEIVED

JAN 12 2010

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:
3160
(U-922)

January 11, 2010

Petro-Canada Resources (USA) Inc
Suite 600, 999 18th Street
Denver, CO 80202
Attn: Carla Konopka

Re: Non-Paying Well Determination
Rye Patch 22-21
Automatic Termination Rye Patch Unit
Duchesne County, Utah

Gentlemen:

Pursuant to your request of January 7, 2010, it has been determined by this office that under existing conditions the following well is not capable of producing unitized substances in paying quantities as defined in Section 9 of the Rye Patch Unit agreement.

API Number	Well Name	Location	Comp. Date	Lease
4301333437	Rye Patch 22-21	NENW Section 22 T11S R14E	SLB&M 03/10/2009	UTU84317

All past and future production from this well shall be handled and reported on a lease basis.

Therefore, the Rye Patch Unit, UTU86069X, Duchesne County, Utah, automatically terminated effective September 10, 2009, pursuant to the last paragraph of section 9 of the Unit Agreement.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each working interest owner lessee and lessor.

If you have any questions please contact Mickey Coulthard of this office at (801) 539-4042.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond
Chief, Branch of Fluid Minerals

FOM Vernal
Rye Patch Unit File
Judy Nordstorm
Central Files
Division of Oil Gas and Mining
MMS
SITLA
Fluid Chron
Agr. Sec. Chron.
Tickler (March, 2010)

MCoulthard:mc:1-11-10

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2010

FROM: (Old Operator): N2705-Petro-Canada Resource (USA) Inc 999 18th St, Suite 600 Denver, CO 80202 Phone: 1 (303) 297-2300	TO: (New Operator): N2575-Gasco Production Co 8 Inverness Dr E, Suite 100 Englewood, CO 80112 Phone: 1 (303) 483-0044
--	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
AS ATTACHED									

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/9/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/9/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/9/2010
- Is the new operator registered in the State of Utah: Business Number: 1454161-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 3/11/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 3/11/2010
- Bond information entered in RBDMS on: 3/11/2010
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 3/11/2010

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 4127759
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number: n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-084317
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: PETRO-CANADA RESOURCES (USA), INC		8. WELL NAME and NUMBER: RYE PATCH FED 22-21
3. ADDRESS OF OPERATOR: 999 18TH ST, SUITE 600 CITY DENVER STATE CO ZIP 80202		9. API NUMBER: 4301333437
		10. FIELD AND POOL, OR WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 551' FNL 2051' FWL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 22 11S 14E S		STATE: UTAH

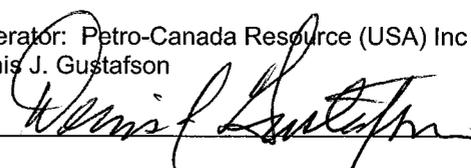
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As required, Petro-Canada Resources (USA) Inc., is notifying you of a change of operator for the above referenced well. Gasco Production Company federal bonding requirements as follows:
Statewide Utah US/BLM #4127759 Gasco Energy, Inc. & Gasco Production Company
Blanket Bond State of Utah Dept. Of Natural Res. 4127763 Gasco Production Company

Previous Operator: Petro-Canada Resource (USA) Inc
Name: Dennis J. Gustafson

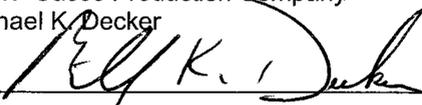
Title: Manager of Land N2705

Signature: 

Date: February 25, 2010

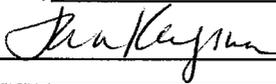
New Operator: Gasco Production Company
Name: Michael K. Decker

Title: Executive Vice President and COO N2575

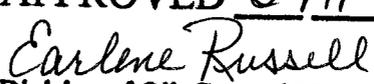
Signature: 

Date: February 25, 2010

EFFECTIVE DATE OF CHANGE OF OPERATOR: JANUARY 1, 2010

NAME (PLEASE PRINT) <u>Jan Kajiwara</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE 	DATE <u>2/25/2010</u>

(This space for State use only)

APPROVED 3 11 1 2010

Earlene Russell, Engineering Technician
(See Instructions on Reverse Side)

(5/2000)

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MAR 09 2010
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District-Vernal Field Office
170 South 500 East
Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410
<http://www.blm.gov/ut/st/en/fo/vernal.html>



IN REPLY REFER TO:
3162.3
UTG011

May 20, 2010

Chuck Wilson
Gasco Production Company
8 Inverness Drive East, Suite 100
Englewood, CO 80112

43-013-33437

Re: Change of Operator
Well No. Rye Patch Federal 22-21
NENW, Sec. 22, T11S, R14E
Duchesne County, Utah
Lease No. UTU-84317

Dear Mr. Wilson:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the referenced well. After a review by this office, the change of operator request is approved. Effective February 25, 2010, Gasco Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1233, for all operations conducted on the referenced well on the leased land.

Our records show that rights-of-way, UTU-85791 and UTU-85790 have been issued for the off lease portion of the road and pipeline to the subject well. In order for Gasco Production Company to obtain the Bureau of Land Management's approval for the use of these rights-of-way, you must have these rights-of-way assigned to Gasco Production Company. Please contact Margo Roberts at (435) 781-4492 for instructions on how to complete the assignment of the rights-of-way.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Ryan Angus
Petroleum Engineer

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JUN 10 2010

DIV. OF OIL, GAS & MINING

Enclosure

cc: UDOGM
Petro-Canada Resources (USA) Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gasco Production Company

3a. Address
8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. (include area code)
303-483-0044

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**551' FNL & 2051' FWL
 NE NW of Section 21-T11S-R14E**

5. Lease Serial No.
UTU84317

6. If Indian, Allottee, or Tribe Name
NA

7. If Unit or CA. Agreement Name and/or No.
NA

8. Well Name and No.
Rye Patch Federal 22-21

9. API Well No.
4301333437

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
Duchesne

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Change of Operator
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Effective February 25, 2010, Gasco Production Company has purchased the Rye Patch Federal 22-21 from:

*Petro-Canada Resources (USA) Inc.
 999 18th Street, Suite 600
 Denver, CO 80202*

Dennis J. Gustafson Vice-President

Please be advised that Gasco Production Co. is considered to be the operator of the Rye Patch Federal 22-21 lease # UTU-84317, Duchesne County, and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by State Wide BLM Bond UT1233 and the Blanket Drilling Bond # 4127763.

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 VERNAL FIELD OFFICE
 2010 MAR 17 PM 1:53
 DEPT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed) **Chuck Wilson** Title **Manager of Engineering & Operations**

Signature *Chuck Wilson* Date **February 25, 2010**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* **Petroleum Engineer** Date **MAY 26 2010**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **VERNAL FIELD OFFICE**

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime to knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUN 10 2010



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-084317
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RYE PATCH FED 22-21
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY	9. API NUMBER: 43013334370000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112	PHONE NUMBER: 303 483-0044 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0551 FNL 2051 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 22 Township: 11.0S Range: 14.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: DUCHESNE STATE: UTAH

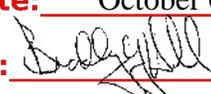
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/12/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Gasco would like to dispose of water at RN Industries state approved commercial disposal facility located in Sections 4 and 9 Township 2 south Range 2 west in Bluebell UT. This facility would be used in addition to the currently approved disposal facilities that Gasco uses to dispose of water from this well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: October 06, 2010
 By: 

NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	TITLE EHS Supervisor
SIGNATURE N/A		DATE 10/5/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-084317
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RYE PATCH FED 22-21
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY	9. API NUMBER: 43013334370000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112	PHONE NUMBER: 303 483-0044 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0551 FNL 2051 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 22 Township: 11.0S Range: 14.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: DUCHESNE STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Gasco would like to dispose of water at Integrated Water management, LLC state approved commercial disposal facility located in Section 30, 2 south Range 4 west in North Blue Bench UT. This facility would be used in addition to the currently approved disposal facilities that Gasco uses to dispose of water from this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBER 303 996-1805	TITLE Production Clerk
SIGNATURE N/A		DATE 12/31/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-084317																														
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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/16/2008	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; border: none;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; border: none;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="border: none;"><input type="checkbox"/> CHANGE TUBING</td> <td style="border: none;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="border: none;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="border: none;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> DEEPEN</td> <td style="border: none;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="border: none;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="border: none;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="border: none;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="border: none;"><input checked="" type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="border: none;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="border: none;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="border: none;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="border: none;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> TUBING REPAIR</td> <td style="border: none;"><input type="checkbox"/> VENT OR FLARE</td> <td style="border: none;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="border: none;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="border: none;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="border: none;"><input type="checkbox"/> OTHER</td> <td style="border: none;">OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p style="text-align: center;">Gasco acquired this well from Petro-Canada 1/1/2010. Attached are Petro-Canada's daily drilling/completion reports. To the best of our knowledge, this well was put on production 2/10/2009.</p> <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p> </div>																																
NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBER 303 996-1805	TITLE Production Clerk																														
SIGNATURE N/A	DATE 5/26/2011																															



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013334370000

Form 8 - Well Completion Report should be submitted immediately.



DRILLING MORNING REPORT # 86 : Rye Patch Federal 22-21 Completion

10 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 4860	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 3179761	Days On Well	85.06
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.
BOP Drill	Max SICP	psi	Conn Gas.
			Trip Gas

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	2041.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 10 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0900	9.00	0	Flowing well on 14/64 choke. Tubing pressure at 1500 psi, casing pressure at 2600 psi. At 0900 shut well in while waiting on Gasco to purge and pig line,
RCS		FCW	0900	1500	6.00	0	Met with BLM inspector on location on Monday. Both locations OK. SITP 3200 psi, SICP 4100 psi. At 1500 hours rigged up and pigged line. ,recovered pig at other end at 1530 hours. Pressured up on sales line. Will pressure up to 700 psi and shut in well until tomorrow. Waiting on parts to complete hooking up meter.
RCS		WOO	1500	2300	8.00	0	Shut well in, closed in sales line. Sales line pressure pressure at 700 psi. SITP 2700 psi, SICP 3600 psi.
RCS		WOO	2300	2400	1.00	0	Sales line pressure at 700 psi. . Recovered a total of 60 bbls of fluid during this period.
							LTR: 6343 bbls

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 85 : Rye Patch Federal 22-21 Completion

09 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 156717	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 3174901	Days On Well 84.06
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			2017.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 09 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOO	0000	0830	8.50	0	Well shut in , tubing SITP 6500 psi, SICP 6300 psi.
RCS		WOO	0830	0930	1.00	0	otpen well from tubing to pit on 8/64 choke. Flaring gas with no water. Tubing oressure 5900 psi on casing, 5500 psi on tubing.
RCS		WOO	0830	0930	1.00	0	Flaring gas to pit, no water. tubing pressure 4500 psi, casing pressure 4800 psi.
RCS		WOO	0930	1000	0.50	0	Finished rigging down rig and moving same to side of location.
RCS		FCW	1000	1030	0.50	0	Flaring gas to pit on 8/64 choke. pressure at 4000 psi. Casing pressure at 4500 psi
RCS		FCW	1030	1200	1.50	0	Flaring gas, tubing pressure at 3800 psi, casing at 4500 psi. ,no water
RCS		FCW	1200	1300	1.00	0	Flaring gas, no water. tubing pressure 3200 psi, casing pressure 4000 psi.
RCS		FCW	1300	1700	4.00	0	Discussed with Peter Hampton and changed choke to 12/64. Tubing unloading water at a rate of 80 bbls per hour. Water knocked out flare. tubing pressure at 3000 psi, casing pressure at 4300 psi.
RCS		FCW	1700	2400	7.00	0	Continued to flow back on tubing on 12/64 choke. tubing pressure at 2200 psi. casing pressure at 3300 psi. recovering clean water with slight traces of water. recovered a total of 300 bbls during this flow back period.
RCS		FCW	1700	2400	7.00	0	Continued to flow well to tank through tubing. At 1800 hours well began making more gas than water. Opened tubing up to a 14/64 choke. At 2400 hours tubing pressure at 1500 psi and holding. casing pressure at 2500 psi. Recovered a total of 1070 bbls of fluid during this 24 hour period. To wet to burn.
							LTR: 6403 bbls

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 84 : Rye Patch Federal 22-21 Completion

08 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 4930	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 3018184	Days On Well 83.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1992.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 08 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOO	0000	0900	9.00	0	Tubing and casing shut in for pressure build up. Pressure on tubing 5100 psi, casing 4900 psi.
RCS		WOO	0900	2400	15.00	0	SITP: 6200 psi, SICP 6000 psi.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 83 : Rye Patch Federal 22-21 Completion

07 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 15075	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 3013254	Days On Well 82.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			1968.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 07 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		PUP	0000	0800	8.00	0	Killed tubing with 90 bbls of brine. Safety Meeting
RCS		PUP	0800	0930	1.50	0	Finished picking up 2 7/8" P-110, 4.7# tubing. Picked up a total of 437 joints. End of Tubing @ 14,110.91'
RCS		ITH	0930	1230	3.00	0	Removed washinton head rubber. , made up 2 3/8" tubing hanger with BPV installed. Measured from floor to lubing head. Slacked off to top of tubing hanger and picked back up to get string weight. installed tubing hanger in hanger. ND BOP's and set on stump of accumulator. Installed tree and tested same with 15,000 for 15 minutes, ok.
RCS		ITH	1230	1330	1.00	0	Made up tubicator and pulled back pressure valve.
RCS		PUP	1330	1530	2.00	0	Well shut in for pressure build up, both casing and tubing shut in. Rigged down Rig's pump and tank and racked out hard lines. Left derrick in air until Monday.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 82 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

06 Feb 2009
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 19930	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2998179	Days On Well 81.38
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			1953.00
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 06 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0600	6.00	0	Well flowing on casing and shut in on tubing. pressure on casing with full opening choke 50 psi, 0 pressure on tubing.
RCS		LDP	0600	0830	2.50	0	Held safety meeting with crew to discuss changing from 2 7/8" equipment to 2 3/8". Ask each member to be alert and know their assignment while making this change.
RCS		LDP	0830	0915	0.75	0	Pumped 60 bbls of brine down tubing. Finished pulling out of hole and laying down 2 7/8" tubing. Well dead, broke out bit, nipples and pup joints.
RCS		RIH	0915	1100	1.75	0	Changed out elevators and slips from 2 7/8" to 2 3/8", changed out rams, changed out rubber in washington head. crews did outstanding job doing this safely and quickly.
RCS		PUP	1100	1130	0.50	0	Make up 2 3/8" re-entry guide , 1 joint of 2 3/8" 4.7#, P-110 casing, 2 3/8" XN nipple, 1- 10' P-110 pup joint, 1560' of 2 3/8" tubing, well flowing up tubing.
RCS		LDP	1130	1200	0.50	0	Pumped 30 bbls down tubing to kill well, pick up 2 joints, well flowing again.
RCS		PUP	1200	1800	6.00	0	Pumped 80 bbls of brine down tubing and killed well.
RCS		PUP	1800	1900	1.00	0	Picked up 2 3/8" tubing. Picked up a total of 382 joints during this period. Pumped in 30 bbls of brine. Pumped a total of 30 bbls during this last period. Pumped in a total of 200 bbls to keep tubing from flowing while running in hole.
RCS		PUP	1900	2400	5.00	0	E.O.T. @ 12,320' Installed TIW and gauge on tubing, casing flowing to pit and tank on open choke. SI pressure on tubing at 800 psi, casing pressure on open choke 100 psi, recovered a total of 755 bbls of water in this 24 hour period.
							LTR: 7683 bbls



DRILLING MORNING REPORT # 81 : Rye Patch Federal 22-21 Completion

05 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 16340	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2978249	Days On Well 80.38
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs		1929.00			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 05 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0600	6.00	0	Flowing well to pit. Tubing shut in with pressure at 500 psi, casing flowing on 40 choke with pressure at 50 psi.
RCS		LDP	0600	0800	2.00	0	Had safety meeting and discussed P/C plans for laying down and picking up tubing.
RCS		LDP	0800	1000	2.00	0	Change out slips, pump 25 bblos of brine down tubing.
RCS		LDP	1000	1200	2.00	0	Laid down 100 joints of 2 7/8" tubing. tubing belching fluid. Pumped 20 bbbs of brine down tubing.
RCS		LDP	1200	1600	4.00	0	Laid down 100 joints of 2 7/8" tubing. Tubing has a slight blow. pumped 20 bbbs down tubing. Laid down 2 7/8" tubing. Left 47 joints in holle for kill string (1541') Including rental pipe have a total of 475 joints to lay down. RENTAL PIPE WAS LAID DOWN AND SENT IN THIS A.M. Installed TIW and gauge on tubing , casing open to tank.
RCS		LDP	1600	1800	2.00	0	Set up racks and moved 2 3/8" pipe from edge of lcation to beside rig. removed thread protectors and measured top row. MU re-entry guide.
RCS		LDP	1600	1800	2.00	0	Tubing shut in with 0 pressure, casing open to tank with 50 psi. recovered a total of 700 bbbs of water during this period. Pumped in a total of 65 bbbs for kill fluid. Recovered a net 635 bbbs. LTR: 8238 bbbs



DRILLING MORNING REPORT # 80 : Rye Patch Federal 22-21 Completion

04 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 12030	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2961909	Days On Well 79.54
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1909.00				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 04 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0600	6.00	0	Well shut in on tubing , at 0600 pressure was 50 psi., casing pressure at 200 psi, flowing well back on 40 choke.
RCS		FCW	0600	0800	2.00	0	Warmed up rig. Pumped 20 bbls of brine down tubing. RU power suivel.
RCS		CIR	0800	1130	3.50	0	RIH with tubing, circulating each joint in hole. tagged light sand at 15,191'. cleaned out to 15,610'. Did not see any indication of plugs that were set at 15,264' or 15,485'. recovering light sand and no signs of drilled up plugs.
RCS		CIR	1130	1300	1.50	0	Circulated hole clean, circulated clean water with slight traces of sand and again no signs of any pieces of drilled plugs. Lost approx. 90 bbls of water while circulating at 15,610'. (fresh water).
RCS		POH	1300	1530	2.50	0	Pump 20 bbls of brine down tubing. Lay down and move out suivel. Lay down a total of 77 joints of tubing. Pins in slips broke. Unable to function power slips. Shut down until tomorrow. EOT: 13,780'.
RCS		FCW	1530	1600	0.50	0	Set slips manually. Install TIW, install gauge to moniter pressure during night. Flowing well to pit on 18 choke.
RCS		FCW	1600	2400	8.00	0	Flowing well on 18 choke. at 2400 hours tubing pressure at 50 psi, casing pressure at 900 psi. Recovered a total of 930 bbls during this 24 hour period.
							LTR: 8873 bbls.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 79 : Rye Patch Federal 22-21 Completion

03 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 16230	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2949879	Days On Well 78.54
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs		1885.00			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 03 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0300	3.00	0	Continued to flow back on 10 choke, recovering 50 bbls of fluid per hour. pressure on tubing at 0300 hours 1300 psi, on casing 2300 psi.
RCS		FCW	0300	0600	3.00	0	Opened choke to a 22/64, well now producing 80 bbls of water per hour. pressure on tubing at 0600 hours 1000 psi, casing 1900 psi.
RCS		RUP	0600	0730	1.50	0	Discussed plans with Manager Peter Hampton. opened well on 30 choke and pressure down to 700 psi on casing, 500 psi on tubing. Received word back from Peter to proceed ahead with setting BPV and cleaning out to next frac plug. Will report pressures to him before drilling out plug.
RCS		RUP	0730	0830	1.00	0	RU and pumped 25 bbls of 10.2 brine down tubing. RU lubeator and run in with BPV. Set same in tubing hanger, Pressure while pumping brine was 800 psi at 2 1/2 bpm.
RCS		NBP	0830	1200	3.50	0	ND tree, NU BOP's, annular and washington head. Spot in and RU power suivel.
RCS		DRO	1200	1430	2.50	0	RU to circulate down tubing. Pick up joint of 2 7/8" tubing and make up to suivel, began circulating down tubing. circulating pressure 0 to 200 psi. Tag sand at 14,966', circulated bottoms up, circulated out solid sand for 15 minutes., recovered traces of drilled up plugs. casing pressure 200 psi. Circulated down to top of plug. Tagged plug at 15,060'.
RCS		DRO	1430	1630	2.00	0	Drill plug and washed down to 15,085. Plug was very difficult to drill. Circulated while drilling and washing.
RCS		CIR	1630	1730	1.00	0	Circulated hole clean, circulated until all sand and pieces of plugs were cleaned up.
RCS		DRO	1730	1830	1.00	0	Discussed shut down for night mode with Peter Hampton. Pumped 25 bbls of brine in tubing. Hung off suivel, Laid down 1 joint. Installed TIW valve, installed gauge in TIW so pressure can be monitored during night. Flowing back casing on 18 choke.
RCS		FCW	1830	2430	6.00	0	Well shut in on tubing. Tubing pressure 500 psi., casing pressure at 1500 psi. Flowing well to tank on 18 choke. Recovered a total of 1040 bbls of fluid during this period.

LTRL: 9,803 bbls.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 78 : Rye Patch Federal 22-21 Completion

02 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 13964	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2933649	Days On Well 77.52
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG hwu - hwu
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG. hwu @ ft
BOP Drill	Max SICP	psi	Conn Gas. hwu @ ft
			Trip Gas hwu@ft

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1860.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 02 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0700	7.00	0	Continued to flow well on 10 choke. tubing pressure at 1400 psi and casing pressure at 2300 psi.
RCS		FCW	0700	1100	4.00	0	Unloaded 273 joints of 2 3/8" P-110 4.7# tubing. (from Price) continued to flow well on 10 choke. Conference call from Denver to discuss future plans for the well. tubing pressure at 1400 psi, casing pressure at 2300 psi.
RCS		RUP	1100	1500	4.00	0	Unloaded 213 joints of 2 3/8" P-110, 4.7# tubing. (from Vernal) Spot Excell well service rig to well head. RU same. Safety meeting prior to rigging up . continued to flow back well to tank & pit. tubing pressure 1400 psi, casing pressure 2300 psi.
RCS		RUP	1500	2400	9.00	0	Pressure on tubing at 2400 hours 1300 psi, pressure on casing 2300 psi. Recovered a total of 1290 bbls of fluid during this 24 hours. Gas to wet to burn. LTR: 10.843 bbls, water is clear in color with slight traces of sand.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 77 : Rye Patch Federal 22-21 Completion

01 Feb 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 7430	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2919685	Days On Well 76.52
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:		Formations	
Activity After Midnight:		Name	Top (MD) Top (TVD)
Status at 0600:		No Depth @ Midnight (MD) entered in the system for today.	
Day Plan:			

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG hwu - hwu
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG. hwu @ ft
BOP Drill	Max SICP	psi	Conn Gas. hwu @ ft
			Trip Gas hwu@ ft

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1836.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 01 Feb 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	2400	24.00	0	Continued to flow well on 10 choke. Flowed back a total of 1450 bbls of fluid during this 24 hours. tubing pressure has stayed at 1500 psi from 0700 to 2400 hours, casing pressure has stayed at 2400 hours for the same period. Fluid will not burn due to large amount of water. Traces of sand with some gas. LTR: 12,133 bbls



DRILLING MORNING REPORT # 76 : Rye Patch Federal 22-21 Completion

31 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 4930	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2912255	Days On Well	75.52
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control		Gas Data			
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			1812.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 31 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0900	9.00	0	Continued to flow and flare well on 10 choke. pressure erratic on both casing and tubing. pressure at 0900 on casing 3100 psi, on tubing 2800 psi
RCS		FCW	0900	1000	1.00	0	checked pressure on backside. pressure at 800 psi. Bled same down recovering a small amount of water and gas. Shut well in while blowing down backside.
RCS		FCW	1000	2400	14.00	0	RIG crews arrived at 12 noon and replaced bad hydraulic motor and control system. Ran same for a couple of hours and no problems. Rig ready for service. Continued to flow back well , casing pressure 1000 hours 4700 psi, on tubing 3700 psi. Caught 2 water samples during this period. Pressure at 2400 hours on casing 4600 psi, on tubing 2900 psi. Made a total of 675 bbls of fluid during this 24 hour period. LTR: 13,583 bbls

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DRILLING MORNING REPORT # 75 : Rye Patch Federal 22-21 Completion

30 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 6130	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2907325	Days On Well
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmnt Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1788.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 30 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	1200	12.00	0	Continued to flow back and flare well on 10 choke. Casing pressure at 2900 psi., tubing pressure at 1700 psi. flowed back a total of 175 bbis of fluid the last 24 hours. LTR: 14,258
RCS		FCW	1200	2400	12.00	0	At noon 1 of the bottom zones kicked in and tubing pressure jumped from 1900 psi to 3300 psi immediately, casing pressure went from 2900 psi to 4800 psi, gas rate doubled within minutes. Fluid for the first 2 to 3 hours had traces of sand. Pressures at 2400 hours, tubing 3300 psi, casing 4500 psi.



DRILLING MORNING REPORT # 74 : Rye Patch Federal 22-21 Completion

29 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 4930	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2901195	Days On Well 73.52
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>		Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1764.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 29 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0600	6.00	0	Continued to flow well to pit and tank on 10 choke. Pressure on casing at 0600 , 3000 psi, tubing 2000 psi. Flowed back a total of 160 bbls of milky white fluid. Gas burns abot 30% of the time. MCF approx. 300 to 400.
RCS		FCW	0600	2400	18.00	0	Sent water samples in to Halliburton for analysis. Instructed Halliburton to send results to Peter Hampton. Pressure on tubing at 2400 hours 1700 psi, casing 2600 psi, recovered a total of 375 bbls of water during this period. Recovered a total of 535 bbls in 24 hours. LTR: 14,433 bbls. EXCELL REPAIRING HAUDRAULICS ON RIG, No charge to p/c.



DRILLING MORNING REPORT # 73 : Rye Patch Federal 22-21 Completion

28 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 20830	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2896265	Days On Well 72.52
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1740.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 28 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0600	6.00	0	Flow well to tank. flowed back 72 bbls of water during this period. Water is clean with no traces of sand. Gas is to wet to burn. Tubing pressure at 1900 psi, Casing pressure at 2700 psi.
RCS		FCW	0600	2400	18.00	0	Continued to flow check well, pressure at 2400 hours on casing 3000 psi, tubing 2000 psi. Flowed back a total of 390 bbls of fluid during this period. 462 bbls recovered for the 24 hour period.. LTR: 14,968 bbls.



DRILLING MORNING REPORT # 72 : Rye Patch Federal 22-21 Completion

27 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data		
State	UT	Current MD/TVD /
Field	Wildcat	Progress (24hr) 0 ft
Elevation	7109.0 ft	Cur Hole Size in
KB Elev	26.0 ft	Last Csg Size in
Cf To Grd	ft	Shoe MD/TVD / ft
UWI	15710	License
Daily Cost	\$ 11930	Days From Spud
Cum Cost	\$ 2875435	Days On Well 71.52
AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
AFE No.	1918	Spud Date
LOT/FIT	ppg/ ppg	Finished Date
Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control		Gas Data	
Hyd. Press.	RSPP psi@ SPM	Avg BG	hwu - hwu
Dynamic Hyd. Press.	Fmtn Integrity psi/ft	Peak BG.	hwu @ ft
BOP Drill	Max SICP psi	Conn Gas.	hwu @ ft
		Trip Gas	hwu@ ft

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1716.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 27 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0700	7.00	0	Well shut in , casing pressure at 0700 hours, 8000 psi, tubing pressure at 7900 psi at 0700 hours opened well to tank on 10 choke. , Switching from tank to pit when able to flare gas. Well making clean gas with slight traces of sand. Frac water seems to be fairly clean. caught 2 samples and will send in for analysis. Pressure dropping on both casing and tubing. At 1500 hours pressure on tubing 3500 psi and 4400 psi on casing Continued to flow check well. Loaded out and returned the following: ALL BTI TOOLS, SENT TO TEXAS. 15 k bop's, accumulator, 15 k manifold, 15 k hard lines, 15 k hoses. WEATHERFORD ANNULAR, XO SPOOL, TIW'S, Continued to flow well to tank and pit. tubing pressure at 3100 psi, casing pressure at 4000 psi. Flowed back a total of 112 bbls of fluid during this period. LTR: 15,430 bbls. Fluid clean with no traces of sand for the last 6 hours. Flowing clean gas that burns.
RCS		FCW	0700	1500	8.00	0	
RCS		FCW	1500	1600	1.00	0	
RCS		FCW	1600	2400	8.00	0	

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DRILLING MORNING REPORT # 71 : Rye Patch Federal 22-21 Completion

26 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 210427	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2863505	Days On Well 70.52
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1692.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 26 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0900	9.00	0	Well shut in for pressure build up, casing pressure at 7800 psi, tubing pressure at 2500 psi.
RCS		FCW	0000	0900	9.00	0	HEAVY SNOWFALL, received 8" during night and still snowing. RU line from tubing to flow back tank. opened on 8 choke. In 1 hour pressure on tubing down to 0 psi. Unloaded dirty water and sand.
RCS		WOD	0900	1200	3.00	0	Tubing pressure back up to 2500 psi, casing pressure at 8200 psi. Opened tubing up on 14 choke, recovered black water and lots of sand. Again pressure bled to 0.
RCS		FCW	1200	1430	2.50	0	Tubing pressure back up to 2500 psi, casing at 8200 psi. opened well on full opening choke and unloaded dirty fluid and sand. pressure dropped down to 500 psi then climbed to 3600 psi. Cleaned out plugged up tubing and bit. Shut in for build up.
RCS		FCW	1430	2430	10.00	0	Well shut in for pressure build up. Casing pressure at 7800 psi, tubing prssure at 7600 psi.

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DRILLING MORNING REPORT # 69 : Rye Patch Federal 22-21 Completion

24 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 24660	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2646348	Days On Well 68.13
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1635.00				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 24 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	WOD, flowing well to pit on open choke, pressure at 0 to 300 psi, flowed back a total of 100 bbls of fluid.
RCS		WOD	0800	1000	2.00	0	RU and RIH with slick line to retrieve Otis Pump through plug. Latched onto plug and pulled out of hole. Broke down plug and no indications that plug had been plugged up. RD Slick Line equipment.
RCS		CIR	1000	1100	1.00	0	RU rig pump and attempt to pump down tubing. pressure up to 3100 psi. Bit and or tubing plugged, released pressure, tried again ,same results.
RCS		ITH	1100	1300	2.00	0	PU 2 7/8" tubing hanger with BPV in place. Ran in and set hanger. EOT at 14,944'. RD floor and prepare to ND BOP's.
RCS		NBP	1300	1500	2.00	0	ND Washington head, annular, and 15 K BOP's.
RCS		NBP	1500	1700	2.00	0	NU tree, Pull BPV, RU line from tree to manifold to flow back tubing. Shut well in for pressure build up
RCS		WOD	1700	2400	7.00	0	WOD, Well shut in for pressure build up. Casing pressure at 2400 hours 6500 psi, Tubing pressure 700 psi



DRILLING MORNING REPORT # 69 : Rye Patch Federal 22-21 Completion

24 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD /	Daily Cost	\$ 24660	Days From Spud		
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2646348	Days On Well	68.13
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	28.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:		Formations	
Activity After Midnight:		Name	Top (MD) Top (TVD)
Status at 0600:		No Depth @ Midnight (MD) entered in the system for today.	
Day Plan:			

Kick Control		Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft
			Trip Gas	hwy@ft

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
		0 hrs			1635.00
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 24 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	WOD, flowing well to pit on open choke, pressure at 0 to 300 psi, flowed back a total of 100 bbls of fluid.
RCS		WOD	0800	1000	2.00	0	RU and RIH with slick line to retrieve Otis Pump through plug. Latched onto plug and pulled out of hole. Broke down plug and no indications that plug had been plugged up. RD Slick Line equipment.
RCS		CIR	1000	1100	1.00	0	RU rig pump and attempt to pump down tubing. pressure up to 3100 psi. Bit and or tubing plugged, released pressure, tried again, same results.
RCS		ITH	1100	1300	2.00	0	PU 2 7/8" tubing hanger with BPV in place. Ran in and set hanger. EOT at 14,944'. RD floor and prepare to ND BOP's.
RCS		NBP	1300	1500	2.00	0	ND Washington head, annular, and 15 K BOP's.
RCS		NBP	1500	1700	2.00	0	NU tree, Pull BPV, RU line from tree to manifold to flow back tubing. Shut well in for pressure build up
RCS		WOD	1700	2400	7.00	0	WOD, Well shut in for pressure build up. Casing pressure at 2400 hours 6500 psi, Tubing pressure 700 psi

- 8014 bbls rec.
(from my calc.)
- 9576 bbls rec.
(from report)



DRILLING MORNING REPORT # 68 : Rye Patch Federal 22-21 Completion

23 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 14590	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2621688	Days On Well 67.13
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1611.00
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 23 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	WOD, flow well to pit on 24 choke. pressure at 900 psi.
RCS		DRO	0800	1000	2.00	0	1700 psi on Tubing. Otis Pump Through Plug Leaking
RCS		DRO	1000	1300	3.00	0	Changed out power suivels. Tag tight spot at 14,065'. Worked tight spot by rotating and working pipe both up and down. Tubing freed up with no drag up or down
RCS		DRO	1300	1500	2.00	0	RIH with tubing to Flow Through Plug at 14700'. Drilled plug. Otis pump through plug not holding. Pressure leaking back through plug.
RCS		DRO	1500	1700	2.00	0	RIH to FTP at 14976, Drilled plug. Circulating with 2200 psi pressure. RIH to 14,997'. pressured up to 3000 psi. could not circulate. Pump through plug in X nipple plugged up. Pressured up several times to 3000 psi and tried to surge plug with no success.
RCS		WOD	1700	2400	7.00	0	Continued to try to pump throught Otis plug with no success. Broke out and laid down power suivel. Secured well for night
							WOD, Flowed well to pit on 24/ open choke. pressure ranging from 1500 psi to 100 psi. flowed 143 bbls of water during this period.

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DRILLING MORNING REPORT # 67 : Rye Patch Federal 22-21 Completion

22 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 16418	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2607098	Days On Well 66.13
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1587.00
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 22 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0800	8.00	0	WOD, flowing well on 24 choke to pit. pressure at 0800 1350 psi. Recovered a total of 40 bbls of water during this period.
RCS		CIR	0800	1000	2.00	0	RU Line from rig pump to top TIW value. Warm up rig pump and pump in 50 bbls of water to kill tubing. Removed 2 bad TIW values and replaced with new ones.
RCS		CIR	1000	1130	1.50	0	RU Delsco Northwest slick line. MU and RIH with Otis X series pump through plug and set in X nipple at 5120'. POH and RD.
RCS		DRO	1130	1330	2.00	0	MU power suivel , Tag up at 10,075'. Worked up and down trying to free tubing. Unable to rotate at 10,075'. Picked up 5' and tubing would rotate. Unable to work tubing down hole.
RCS		DRO	1330	1530	2.00	0	While working tubing up stiff arm on suivel hung on tubing board breaking off bell pin. Laid down power suivel, installed extra TIW and secured well for night. Flowing well through manifold on 24 choke.
RCS		DRO	1530	2400	8.50	0	Pumped a total of 25,048 bbls of water on all Frac's. Have recovered a total of 9,251 bbls. Have a total of 15,797 bbls LTR. WOD, Flowing well to pit., pressure at 2400 hours ,1000 psi. recovered a total of 112 bbls of fluid.

*9251 bbls rec (est. from open flow?)
Should be 21,899 bbls pumped, 7659 bbls rec.*



DRILLING MORNING REPORT # 66 : Rye Patch Federal 22-21 Completion

21 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 28999	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2590680	Days On Well 65.13
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1563.00				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 21 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	WOD, moniter well.
RCS		DRO	0800	1000	2.00	0	Warm up rig, start and warm up power suivel. Slack off and tag what we thought to be cement at 14,065. picked up 5' and broke circulation.
RCS		DRO	1000	1100	1.00	0	Slacked back down to 14,065 and began drilling. After 2 minutes broke through plug and pressure increased to 3600 psi. Unable to pump down tubing due to hight pressure . Shut in pipe rams and Annuar. Flowing well gthrough manifold on 10 choke.
RCS		FCW	1100	1330	2.50	0	Flowing well on 16 choke , pressure at 4100 psi. Flowing water and gas.
RCS		FCW	1330	1730	4.00	0	Bled pressure down to 2500 psi. Rigged up and pumped in 50 bbls of water down tubing. TIW value will not close. Well dead on tubing, picked up 1 joint of tubing and slowly began to drill with power suivel. Made 6' and could not get any deeper. Power suivel locking up and will not turn. Bit stacking out, appears that parts of plug is wedged around bit. Depth now is 10,075' .
RCS		FCW	1730	1830	1.00	0	Made up second TIW and closed in same. Secured well and will flow to pit overnight.
RCS		FCW	1830	2430	6.00	0	Flowing well to pit on 20 choke.At 2400 hours pressure at 1500 psi on 24 choke. Recovered a total of 50 bbls during this period.

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DRILLING MORNING REPORT # 65 : Rye Patch Federal 22-21 Completion

20 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 49778	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2561681	Days On Well 64.10
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>		Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1538.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 20 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on Daylight, monitor well pressure
RCS		RIH	0700	1300	6.00	0	Picking up 2 7/8" P - 110 tubing. Tag cement at 14,065'.
RCS		RUO	1300	1600	3.00	0	Move in and RU power suive), RD BTI 15K manifold and RU Wood Group 10 K manifold. Secure well for night.
RCS		WOD	1600	2400	8.00	0	X nipple 2.875 OD and 2.312 ID, , XN nipple 2.875 OD and 2.312 ID WOD to drill out cement and plug



DRILLING MORNING REPORT # 64 : Rye Patch Federal 22-21 Completion

19 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Sheldon Van Voast (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 11630	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2511903	Days On Well 63.10
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1514.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 19 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
MOB		WOD	0000	0700	7.00	0	Monitor Pressures Wait On Daylight.
MOB		RUP	0700	1000	3.00	0	Hold Safety Meeting (PCR, Excel, Premier). Complete Rigging Up Floor and Tongs. Complete Racking Pipe.
RCS		PUP	1000	1800	8.00	0	Hold Safety Meeting (PCR, Excel). Strap Tubing, Make Up Bit, Bit Sub, Pup Joint, and XN Nipple and Start Picking Up Tubing. RIH to 7,065' (215 Joints In). Install TIW and Shut Pipe Rams. Pump Brine Across Top Of Well and Into Choke Manifold (to Prevent Freezing). Shut Down Operations f/ Night.
RCS		WOD	1800	2400	6.00	0	Monitor Pressures Wait On Daylight.



DRILLING MORNING REPORT # 63 : Rye Patch Federal 22-21 Completion

18 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Sheldon Van Voast (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 3530	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2500273	Days On Well	62.10
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	<table border="1"> <thead> <tr> <th colspan="3">Formations</th> </tr> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Formations			Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Formations										
Name		Top (MD)	Top (TVD)							
No Depth @ Midnight (MD) entered in the system for today.										
Activity After Midnight:										
Status at 0600:										
Day Plan:										

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.
BOP Drill	Max SICP	psi	Conn Gas.
			Trip Gas

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		
				0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 18 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
MOB		WOP	0000	2400	24.00	0	Monitor Pressures Wait On Crews (DOT Training Today).



DRILLING MORNING REPORT # 62 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
 Supervisor : Sheldon Van Voast (281 833 2766)
 Geologist : (435-820-6359)

17 Jan 2009
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 13478	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2496743	Days On Well 61.10
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1466.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 17 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
MOB		WOD	0000	0700	7.00	0	Wait On Daylight/ Monitor Pressures.
MOB		RUO	0000	0000	0.00	0	Hold Safety Meeting (PCR, Excel, Premier). Nipple Down BOP and Drop Spacer Spool. Nipple Up 15K Double Gate, Change Out Top Blind Rams to 2 7/8" Pipe Rams, Nipple Up 10K Annular. Hold Safety Meeting (PCR, Excel, Quick Test, Premier). Test BOPE. Nipple Up Rotating Head and Set Pipe Rack/ Complete Rig Up.
MOB		WOD	0000	0000	0.00	0	Wait On Daylight/ Monitor Pressures.
MOB		WOP	0700	1000	3.00	0	Wait On Crews (Safety Incident Drug Test In Town).

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DRILLING MORNING REPORT # 61 : Rye Patch Federal 22-21 Completion

16 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Sheldon Van Voast (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 9280	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2483265	Days On Well 60.69
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control			Gas Data		
Hyd. Press.	RSP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1456.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 16 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
MOB		RUP	0000	0700	7.00	0	Wait On Day Light/ Monitor Pressures.
MOB		RUO	0700	1800	11.00	0	Hold Safety Meeting PCR/ Excel. Unload New 2 7/8, 6.5#, P110, EUE Tubing / Trucks and Rack Same. Set Rig. Hold Safety Meeting (PCR, Excel, Premier Services). Casing Pressure Increased To 1,250 PSI. Bleed Off Well and Fill w/ Water. Change Annulus Pressure Valve (Bad). Recheck Pressures (1,200 PSI in Annulus). Bleed Off Pressure (Annulus) to Zero. Test Tubing Head Seal w/ Wood Group to 10,000 PSI (Good). Continue to Fill 5 1/2" Casing. Raise Derrick On Rig and Continue Rig Up. Pump Up To 3,000 PSI On Well and Shut In For 30 Min (Held). Shut In Well and Shut Down F/ Night/ Monitor Pressures.
MOB		RUO	0700	1800	11.00	0	Wait On Day Light/ Monitor Pressures.



DRILLING MORNING REPORT # 60 : Rye Patch Federal 22-21 Completion

15 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions/ Sheldon Van Voast (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 79075	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2473985	Days On Well 59.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name Top (MD) Top (TVD)		
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			1427.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 15 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
KW		WCN	0000	0630	6.50	0	Monitor Pressure/ Wait On Daylight
KW		WCN	0630	0700	0.50	0	Hold Safety Meeting (PCR, JW, Excel).
KW		CMP	0700	0930	2.50	0	Rig Up JW Wireline, Pick Up Dump Bailer, Mix 1 Sk of Cement and Fill Dump Bailer. RIH and Dump Cement On Composite Bridge Plug At 14,100'. POOH and Rig Down JW Wireline and Lubricator. Release JW Wireline and J&C Crane.
MOB		RUO	0930	1030	1.00	0	Add 5' Of Conductor and Cement Conductor/ Surface Casing Annulus.
MOB		RUO	1030	1800	7.50	0	Set Cellar Ring and Back Fill Dug-Out w/ Road Base Compacting Every 6"-8". Prep Location f/ Rig.
KW		WCN	1800	2400	6.00	0	Wait On Daylight/ Monitor Pressures.

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DRILLING MORNING REPORT # 59 : Rye Patch Federal 22-21 Completion

14 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 253681	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2394910	Days On Well	57.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1379.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 14 Jan 2009

PHSE	CLS	OP	From	To	Hrs	Depth (ft)	Activity Description
	(RC)						



DRILLING MORNING REPORT # 58 : Rye Patch Federal 22-21 Completion

13 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 10630	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2141229	Days On Well	57.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:			Formations		
Activity After Midnight:			Name		
Status at 0600:			Top (MD)		
Day Plan:			Top (TVD)		
No Depth @ Midnight (MD) entered in the system for today.					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1379.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 13 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
KW		WCN	0000	0800	8.00	0	Well venting, wait on daylight
KW		WCN	0800	0830	0.50	0	Safety meeting PCR / WWC / Crane operator / Wood Group personnel - proper pressure handling procedures, ignition avoidance.
KW		WCN	0830	0900	0.50	0	Wellsite inspection - ground frozen, temp 26 deg F, winds to NE 5 mph, plume 10' to 20', heavy mist, dispersion radius 30' to 40' to NE corner, venting +/- 150 MCFD, no condensate. LEL survey shows 0% through out location and well head area due to wind dispersion. Full containment on location.
KW		WCN	0900	1000	1.00	0	Safety mtg w/ Vac truck driver, bring on site, vac out cellar, clean up same, remove freeze jacket, N2 line, visual inspection of 9-5/8" casing - good condition. Test primary & secondary seals on csg head - tbg head - 5.5" csg to 10 kpsi - ok. Install tapped bull plug, needle valve & 5 kpsi gauge on csg head valve 370 psi. Leave valve in closed position.
KW		WCN	1000	1400	4.00	0	Spot crane, RU fire pumps, protection system test same. Lift & spot 15 kpsi flow back manifold, accumulator. Replace tbg head valve on N side wellhead with 2 1-13/16" 15 kpsi gate valves - leave in closed position.
KW		WCN	1400	1500	1.00	0	Prep capping equipment. Nipple down lower frac valve, prepare bridle, lift off 7 set out.
KW		WCN	1500	1600	1.00	0	Lift and set 15 kpsi 7-1/16" double ram BOP, bolt up, torque down, rig up to accumulator, NU choke manifold. Close upper blind rams. Well secured at 1600 hrs 1/13/09.
KW		WCN	1600	2400	8.00	0	Inspect well head, manifold, csg head valves, tbg head valves, BOPE. Monitor pressures on csg head annulus and shut in casing. At 1800hrs SICP 700 psi, csg head 450 psi, 1900 hrs SICP 1600 psi, csg head 500 psi, 2000 hrs SICP 1900 psi, csg head 500 psi, 2100 hrs SICP 2300 psi, csg head 500 psi, 2200 hrs SICP 2700 psi, csg head 500 psi, 2300 hrs SICP 3200 psi, csg head 500 psi, 2400 hrs SICP 3600 psi, csg head 500 psi, open on 6/64" choke to pit.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 57 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

12 Jan 2009
 QC Not Done

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 10030	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2130599	Days On Well	56.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			1355.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 12 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
KW		WCN	0000	1030	10.50	0	MET meetings, plan preparation, wait on tools, well venting +/-750 MCFD.
KW		WCN	1030	1100	0.50	0	Safety meeting, all PCR / WWWC personnel, discussion w/ H. Koerner.
KW		WCN	1100	1230	1.50	0	Enter location in pairs, monitoring LEL, 0% throughout location and wellhead area due to wind dispersion, conditions - winds to NNE 10 to 15 mph, gusts to 25 mph. Well venting, plume 10' to 20', heavy mist of water, +/- 40' water spray dispersion radius to N & NE side of location, approx 100 MCFD. Condition of wellhead, tbg head valves, manifold lines, manifold, csg head valve all ok, no apparent damage. Fluids contained on location.
KW		WCN	1230	1400	1.50	0	Set up staging area on Rye Patch 24-21 location, MET conference call, safety meeting on location on bleed off procedures & trapped pressure.
KW		WCN	1400	1600	2.00	0	Open Superior pump line valve, disconnect from tbg head valve, clean off location, remove equipment from wellhead area, frac tree & frac lines, superior pump line, flow back manifolds, tarps, light plants, well heaters. Bleed down choke manifold, disconnect and remove.
KW		WCN	1600	1730	1.50	0	Safety meeting with WWWC & crane operator - inform of conditions to expect on location and situation. Mob crane onto location, unload 2 WWWC / BTI trucks with fire pumps, fire protection systems, tool containers, remove crane from location. Shut down operations for night fall.
KW		WCN	1730	2400	6.50	0	Well venting +/- 150 MCFD. Wait on daylight, hold MET meetings, update and prepare workplan, site plan, safety procedures.



DRILLING MORNING REPORT # 56 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

11 Jan 2009
 QC Not Done

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 49165	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2120569	Days On Well	55.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control		Gas Data	
Hyd. Press.	RSPP psi@ SPM	Avg BG	hwu - hwu
Dynamic Hyd. Press.	Fmtn Integrity psi/ft	Peak BG.	hwu @ ft
BOP Drill	Max SICP psi	Conn Gas.	hwu @ ft
		Trip Gas	hwu@ ft

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1331.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 11 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
KW		WCN	0000	2400	24.00	0	MET team in planning, prepare work plan, well venting +/-750 MCFD. Winds to NNE light 5 mph. Plume 30', surges to 40', area of dispersion +/- 40'. Guards posted on road 4 miles from location. Road blocked at location.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 55 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

10 Jan 2009
 QC Not Done

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 32595	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2071404	Days On Well	54.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Dr#	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1307.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 10 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
FCU		WCN	0000	0600	6.00	0	Vent dry gas on 12/64" choke till water recovered. At 0600 hrs water to surface, SWI
KW		WCN	0600	0800	2.00	0	Greg Olson and Rick Eggeston on location.
KW		WCN	0800	1200	4.00	0	Safety meeting, days events expected. Inspect scaffolding - add support, fill vac truck w/ heated water.
KW		WCN	1200	1300	1.00	0	Test lines 10 kpsi, Attempt pump into well thru frac tree, cannot open Howco valves. NU to tbg head valves, test 10 kpsi. Pump into well head 1 bpm w/ water 8.217 psi. Begin N2 cool down.
RCS		WOO	1300	1500	2.00	0	Pump 15 BW, 9200 psi, slow to .5 bpm. At 30 bbls wtr gone, press 9,515 psi, shut down pump. Pump .5 bbls wtr every 15 min, 9,200 psi, decrease to 8915 psi in 15 min, then 8716 psi in 30 min
RCS		WOO	1500	1700	2.00	0	Open manifold, check f/ fluid returns, all water. SWI
RCS		WOO	1700	2400	7.00	0	At instructions from Wild Well Control mixed 18 bbls of gel with fresh water and mixed same in Superior tub, pumped 14 bbls of high visc. gel in to well head, continue freeze operations.
							Continued to freeze casing with nitrogen, Install slings onto Goats Head / frac tree & hook to crane with no tension, prep all equipment, scaffolding. Hold safety meeting on well repair and discuss procedure details.
							Csg press 8200 psi, WSI for freeze. Pressure test to 9,000 psi, 1/2 hr, good test. Wait 1-1/2 hr continuing freeze. Pressure test to 10000 psi, 1/2 hr, good test. Begin slow bleed off, well pressure 5000 psi. Halliburton lines jumped 6", loud crack heard. All personel stopped work to determine source of noise. Pressure at 0. In 5 minutes goats head (frac tree) parted at bottom of upper flange of 7-1/16" 15 kpsi x 4-1/16" 15 kpsi x-over spool. Well venting to atmosphere. Evacuate location to muster point. All hands accounted for, no injuries. Part occurred at 1645 hrs. Hold safety / strategy mtg, assign duties. Evacuate all vehicles, pump trucks, N2 vessle and shut down all mtrs, generators and ignition sources. Secure location and road into location, post guards. Notify management Hal Koerner 1730 hrs, BLM Matt Baker, and State of Utah Oil & Gas Jim Springer. Conditions at 1800 hrs - winds to ENE 5-10 mph, well venting +/- 3 MMCFD, plume 100', dispersion area 100' radius.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 54 : Rye Patch Federal 22-21 Completion

09 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD /	Daily Cost	\$ 23430	Days From Spud		
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2038809	Days On Well	53.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:		Formations		
Activity After Midnight:		Name	Top (MD)	Top (TVD)
Status at 0600:		No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:				

Kick Control		Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft
			Trip Gas	hwy@ ft

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	Code	Day	Well	
	0 hrs	1283.50				
Total Time			Cum RC Time			
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 09 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		RRO	0000	0900	9.00	0	Well Shut in. Pressure at 8800 psi at 0600 hours.. Wait on 9 5/8" jacket to began freezing casing.
RCS		STM	0900	1000	1.00	0	Held safety meeting with Wild Well Control, BTI, Excell Well Service, Superior, P/C, and Nielson construction. Discussed procedure for freezing casing.
RCS		RRO	1000	1200	2.00	0	Rigged up to cut and saw 13 3/8" casing. Drilled holes in casing and checked for gas before removing 13 3/8" casing. No traces of gas. Removed 5' of 13 3/8" casing. Cleaned away cement and buffed pipe clean. Used Gas dector while in cellar removing 13 3/8" casing.
RCS		RUO	1200	1400	2.00	0	Installed 9 5/8" jacket around pipe to inject nitrogen.
RCS		RUO	1400	1600	2.00	0	Cleaned out cellar and installed scaffling in order to remove frac valves when casing is frozen.
RCS		RUO	1600	2000	4.00	0	Moved in and rigged up Superior pump truck and nitrogen truck, rigged up lines from Superior to Halliburton ground lines that are hooked up to goat's head.
RCS		RUO	2000	2400	4.00	0	prepare to freeze casing



DRILLING MORNING REPORT # 53 : Rye Patch Federal 22-21 Completion

08 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 19829	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 2015379	Days On Well	52.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.
BOP Drill	Max SICP	psi	Conn Gas.
			Trip Gas

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	1259.50			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 08 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOP	0000	0900	9.00	0	well shut in waiting on WWC. pressure at 0900 8900 psi.
RCS		RRO	0900	2400	15.00	0	Wild Well Control arrived. dug out cellar, removed cellar ring, wait on Nitrogen.



DRILLING MORNING REPORT # 52 : Rye Patch Federal 22-21 Completion

07 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 39588	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1995550	Days On Well 51.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1235.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 07 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0800	8.00	0	Flow well to pit, flowed back well on 12 choke recovering a total of 360 bbls of fluid.
RCS		RRO	0800	1200	4.00	0	Install extra 1 13/16 15K valve on wellhead. Hook up second choke manifold on well head. SIP 6800 psi.
RCS		RRO	1200	2400	12.00	0	Pressure tested new manifold to 7000 psi, no leaks. Shut well in for pressure build up. Replaced tarps on well head and both manifolds. 2 heaters hooked up and keeping well head and manifold warm. SIP 8900 psi

RECEIVED May 26, 2011



DRILLING MORNING **WELL PORT # 51 : Rye Patch Federal 22-21 Completion**
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

06 Jan 2009
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 13120	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1955962	Days On Well 50.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name Top (MD) Top (TVD)		
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmnt Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1211.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 06 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	1000	10.00	0	Continued to bleed down pressure. Pressure gauge on manifold was giving a false reading due to freezing. Gauged showed 900 psi on the manifold. Rigged up gauge on Halliburtons lines running down from goats head and it read 8900 psi. Thawed out Halliburton flow line to pit and flowed back gas. Thawed out manifold and flowed back gas.
RCS		FCW	1000	1200	2.00	0	Cudd refused to attempt to freeze vlaue unless pressure was bled down to 3 to 4000 psi. Released Cudd
RCS		FCW	1200	2400	12.00	0	Flowed well to pit on 8/10/12 choke. Startng flowing pressure 8900 psi. at 0600 pressure at 5400 psi. Recovered a total of 780 bbls of fluid

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 50 : Rye Patch Federal 22-21 Completion.

05 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 91074	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1942842	Days On Well 49.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name Top (MD) Top (TVD)		
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			1187.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 05 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOR	0000	0900	9.00	0	Wait on Cudd pressure control. Cudd concerned with high pressure. Wants to bleed down pressure as low as possible before trying to freeze valve.
RCS		FCW	0900	1900	10.00	0	opened well on 8 choke to bleed down pressure. pressure at 11000 psi. , at 1700 hours pressure was at 4500 psi, flowing back straight gas with no traces of water. Cudd built ice box around top frac valve.
RCS		FCW	1900	2400	5.00	0	Bleeding down pressure on well . on 16 choke pressure at 3500 psi. Recovered a total of 450 bbls of fluid during this period.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 49 : Rye Patch Federal 22-21 Completion

04 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 0	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1851768	Days On Well 48.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
	<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.
BOP Drill	Max SICP	psi	Conn Gas.
			Trip Gas

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1163.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 04 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOR	0000	2400	24.00	0	WOR, Well shut in/ pressure at 11000 psi.

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 48 : Rye Patch Federal 22-21 Completion

03 Jan 2009
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 9120	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1851768	Days On Well 47.48
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
	<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmnt Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	1139.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 03 Jan 2009

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOR	0000	2400	24.00	0	wait on Cudd Pressure Control, Well shut in with 10,800 psi.

RECEIVED May 26, 2011



Rye Patch Federal 22-21 Completion

Date : 02 Jan 2009 Com Rep Days :
Com Rpt. No : Com Rep Nights : Service :

Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 46.48	Daily Cost \$ 5,520
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 1,042,048
RT-GL	7109.0	Last LTI	\$ 1,851,768
Current Op @ 0600			AFE cost: \$3.6M
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments wait on Cudd Pressure Control	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 02 Jan 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOR	0000	2400	24.00	0	Well shut in 10,800 psi shut in pressure. wo CUDD

total Mancos comp cost to date = \$ 1,228,052

→ probably enter \$400K to add to cost

flowing ~ 3500 psi flowing pressure.

→ 2.5 mwd/d (wt rate)

→ load recovery?



Rye Patch Federal 22-21 Completion

Date : 01 Jan 2009 Com Rep Days :
Com Rpt. No : Com Rep Nights : Service :

Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 45.48	Daily Cost \$ 7,320
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 1,837,128
RT-GL	7109.0	Last LTI	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments wait on Repairs and Cudd Pressure Control	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 01 Jan 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOR	0000	2400	24.00	0	WOR, shut down for Holiday. SI pressure at 10,800 psi.

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Rye Patch Federal 22-21 Completion			
Date :	31 Dec 2008	Com Rep Days :	
Com Rpt. No :		Com Rep Nights :	Service :
Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 44.48	Daily Cost \$ 7,880
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 1,829,808
RT-GL	7109.0	Last LTI	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments Repair top Frac Value and rig down Halliburton	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 31 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		FCW	0000	0700	7.00	0	open well on 12 choke and flow back to pit , flowing pressure at 7900 psi, recovered a total of 765 bbls of fluid. Waiting on crew to repair top frac value. Halliburton's head still on top of Frac Value.
RCS		WOR	0700	1500	8.00	0	Wood group service hands showed up on location and would not work on leaking Frac Value due to high pressure.
RCS		WOR	1500	2400	9.00	0	WOR



Rye Patch Federal 22-21 Completion

Date : 30 Dec 2008 Com Rep Days :
Com Rpt. No : Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 144,120
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 1,821,928
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments Set Plug, perforate , Frac Zone 8	

Summary of Period 0000 to 2400 Hrs

Operations for Period 0000 Hrs to 2400 Hrs on 30 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		FCW	0000	0600	6.00	0	from 2400 hours to 0600 hours bled down well on 12 choke. pressure at 0600 was 4900 psi. flowed back a total of 700 bbls of frac fluid.
RCS		PER	0600	1100	5.00	0	RU JWO WL and RIH with FTP and gun. Set plug at 14,700'. Picked up 10' and tagged plug. plug in place. pressure at 6000 psi while running in hole. JWO high pressure tubicator performing like it is designed. ,no problem running in hole. Perforated with 3.375" casing gun, 1 SPF, 11.0 gm , .32 dia. 19" penetration. Perforated 14,245' to 14,259'. POH, LD Gun, all shots fired.
RCS		PER	1100	1300	2.00	0	RIH with 2nd gun and perforated 14,228' to 14,236', 14,210 to 14,226'. A total of 38 holes all 1 SPf. Pressure while running in hole 7900 psi. No problems . LD gun and lubricator. ALL SHOTS FIRED
RCS		PER	1300	1400	1.00	0	RD JWO WL, Sent all their equipment to town, excellent job by JWO
RCS		FRC	1400	1630	2.50	0	RU Halliburton, Install goats Head , SAFETY MEETING, test all lines to 14000 K, Opened Frac valve and loaded hole. Broke down formation at 9987 psi at 11 bpm bpm. Unable to pump acid, shut down.
RCS		FRC	1630	2130	5.00	0	Pumped 1000 gal. of 7.5% acid, Pumped a total of 4566 bbls of frac fluid, pumped a total of 84,200 lbs of sand in formation. Max. pump rate 44.9 bpm, avg. pump rate 41.1 bpm. final SIP 7810 psi, Frac Gradient 0.98, 5 min. 7750 psi, 10 min. 7724 psi, 15 min 7706 psi. Max. pumping pressure 10,658 psi., avg. pressure 9141 psi. Traced all sand with Antimony, pumped 11800 lbs of 100 mesh sand and 72400 lbs of 40/70 sand in formation
RCS		FRC	2130	2430	3.00	0	Unable to close top Frac valve. Had to leave Halliburton hooked up to well head until valve can be repaired.

Perf stage 6
frac stage 6
(frac stage #8)
Good frac
(100% of sand)



Rye Patch Federal 22-21 Completion			
Date :	29 Dec 2008	Com Rep Days :	
Com Rpt. No :		Com Rep Nights :	Service :
Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 42.46	Daily Cost \$ 191,813
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 1,677,808
RT-GL	7109.0	Last LTI	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments Frac Zone7	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 29 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOO	0000	0700	7.00	0	wod, open well at 2400 hours, pressure at 7000 psi, bled down on 12 choke, recovered a total of 720 bbls of fluid during this period.
RCS		FRC	0700	0900	2.00	0	RU Halliburton, thaw out lines, install Goat Head. Safety meeting.
RCS		FRC	0900	1130	2.50	0	Goats head leaking, tighten same, thaw out lines. Test al lines to 14000 psi,.
RCS		FRC	1130	1500	3.50	0	Frac Mancos with Slickwater frac. opened Frac valve and loaded hole. Pressured up and broke formation at 9434 psi at 9.4 bpm. Pumped a total of 4542 bbls of frac fluid. Max. pressure 11145 psi, avg. pressure 11145 psi. avg pumping rate 38.8 bpm, max. rate 41.9 bpm.. ISIP 8308, 5 min 8059 psi, 10 min 8018 psi, 15 min 7987 psi., Frac Gradient 0.99 psi/ft Pumped a total of 11,100 lbs of 100 mesh sand, a total of 62800 lbs of 40/70 sand. Pumped a total of 73900 lbs of sand in formation. Traced sand with Scandium.
RCS		FRC	1500	1700	2.00	0	RD Halliburton,
RCS		FRC	1700	2400	7.00	0	well SI, Moved in Hot Oilers and heated water to 90 degrees. Heated 1 tank to 120 degrees.

*Frac Mancos stage (5)
frac stage (7)*

good frac (~ 87 % sand in frac)



Rye Patch Federal 22-21 Completion

Date : 28 Dec 2008	Com Rep Days :
Com Rpt. No :	Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 16,380
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 1,485,995
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments: Install Second Frac Valve. Attempt to set plug and perforate.	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 28 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOO	0000	0800	8.00	0	Wait on Frac Valve, well open to pit on 12 choke. Pressure at 3900 psi, flowed back a total of 480 bbls of water. Flowing back gas .
RCS		WOO	0800	1200	4.00	0	Pressure at 2400 hours while well was shut in was 6900 psi. .
RCS		PER	1200	1700	5.00	0	Unloaded second Frac Valve from truck. opened needle valve on night cap of frac value and bled down pressure. Frac value leaking in the closed position. Picked up and set second frac value on top of leaking frac value. Took over 1 hour to get value closed. second value very difficult to open and close.
RCS		WOO	1700	1900	2.00	0	RU JWO wire line and RIH with FTP, set same at 14,976. Perforate with 3.375" casing gun, 120 degree phasing, 11.0 gm., .32" dia, 19" penetration, shot 1 SPF. Perforated 14,939 to 14,940', 14,929' to 14,930', 14,850' to 14,870', 14,835' to 14,845', 14,812 to 14,818'.
RCS		WOO	1900	2400	5.00	0	Pull out and lay down perforating gun. ALL SHOTS FIRED
RCS		WOO	1900	2400	5.00	0	SDFN, prepare to Frac in the AM.

*Manco's stage 5
frac stage #7 perf.*

→



Rye Patch Federal 22-21 Completion

Date : 27 Dec 2008	Com Rep Days :
Com Rpt. No :	Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 7,620
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 1,469,615
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments Install Second Frac Value.	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 27 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOO	0000	0600	6.00	0	Riigged up hot oiler and pumped hot water in body of frac value. pressured up to 5000 psi trying to get value to open. Unable to completely open value. Installed night cap on top of frac value due to value leaking in the closed position
RCS		WOO	0600	2400	18.00	0	Wood group located 15K frac value and will have it on location in the AM. flowed well to pit on 12 choke for 12 hours, recovered a total of 860 bbls of fluid during this period. Shut well in for 12 hours and pressure built up to 6500 psi.



Rye Patch Federal 22-21 Completion

Date : 26 Dec 2008	Com Rep Days :
Com Rpt. No :	Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 35,218
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 1,461,995
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments Perforate and Frac Group G (7)	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 26 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		FCW	0000	0900	9.00	0	Haul frac water and heat same for final 2 Frac's. Temperature -10 degrees. Have had 2' of snow during last 3 days. Blading road but still having problems getting water truck to location.
RCS		PER	0900	1200	3.00	0	Unable to get Frac valve completely open. Wood Group to send out service hand with high pressure pump. Will pump menthanal in ports to clean out ice or sand. High winds causing poor visibility. Due to the delay in setting plug and perforating the Frac for today has been cancelled. Will try to get perforated ands Frac tomorrow.
RCS		WOO	1200	1800	6.00	0	Wood Group arrived with hand pump and methanol and attempted to pump into frac value ports. could not pressure up enough to fill value with fluid. wait on high pressure hot oiler.
RCS		WOO	1800	2400	6.00	0	Continued to wait on hot oiler



Rye Patch Federal 22-21 Completion			
Date :	25 Dec 2008	Com Rep Days :	
Com Rpt. No :		Com Rep Nights :	Service :

Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 38.46	Daily Cost \$ 17,520
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 1,426,777
RT-GL	7109.0	Last LTI	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments Shut down for Christmas	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 25 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		FCW	0000	2400	24.00	0	Shut down for Christmas. Flowing well to pit on 8 choke for 12 hours, pressure at 3800 psi. Shhut in for 12 hours , pressure at 5400 psi. flowed back a total of 520 bbls of fluid during this period.



Rye Patch Federal 22-21 Completion

Date : 24 Dec 2008 Com Rep Days :
Com Rpt. No : Com Rep Nights : Service :

Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 37.46	Daily Cost \$ 85,820
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 1,409,257
RT-GL	7109.0	Last LTI	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments	Frac Zone F

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 24 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOD	0000	0900	9.00	0	WOD, thaw out Halliburton lines and Frac value.
RCS		FRC	0900	1400	5.00	0	Safety meeting, Pressure tested all lines and values to 14000 psi. Opened frac value, hole full. Broke down formation with 9657 psi at 6.7 bpm., Pumped a total of 5300 lbs of 100 mesh sand in formation , pumped 1446 bbls of fluid. Avg pumping rate 11.1 bpm. Max pressure 14,029 psi., avg. pumping pressure 12,615 psi. Final ISIP 8,704 psi, 5 m in. 8558 psi, 10 min. 8607 psi, 15 min 8545 psi. Ran pad at max. pressure at 5 bpm, pressure droppped 3000 psi when acid hit, went to sand pressure hit max. dropped rate went to flush.
RCS		FRC	1400	2400	10.00	0	RD Halliburton, Pressure at 7800 psi . opened well on 8 choke . recovered a total of 650 bbls of flui during this period . Pressure at 6300 psi

Manos frac #4?
frac stage #6
only got 100 mesh into frac. (v. tight) (screened out?)
low pump rate
very pressured (v. tight)



Rye Patch Federal 22-21 Completion

Date : 23 Dec 2008 Com Rep Days :
Com Rpt. No : Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 124,011
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 1,323,437
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments	Frac Zone F

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 23 Dec 2008

Phse	Clis (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOD	0000	0600	6.00	0	Filling tanks with clean filtered water.
RCS		RUO	0600	0800	2.00	0	Thaw lines, rig up to frac. Preparing to re-frac group E
RCS		FRC	0800	1000	2.00	0	Safety meeting, test all lines to 14000 psi. opened well , fluid at surface. broke formation with 10163 psi at 9.2 bpm., pumped 1000 gal. 7.5% acid, Shut down after acid on formation, lost packing in 2 trucks.
RCS		FRC	1000	1400	4.00	0	Started back pumping, staged into spacer early when .75# stage due to pressure rise. Extended spacer stage. Pressure started to to increase rapidly as second .75# stage was on formation. Cut sand, went to flush. Placed 70% of designated sand in formation. Max. pumping pressure 11358 psi, avg. pumping rate 10371-psi. Pumped a total of 3689 bbls of fluid in formation. pumped in foramtion 11200 lbs of 100 mesh sand and 46500 lbs of 40/70 sand. A total of 57500 lbs in formation. Avg. pump rate 31.5 bpm, Final ISIP 9110 psi , 5 min SI 8779 psi, 10 min 8731 psi, 15 min 8721 psi. Frac Gradient 1.03, Traced all sand with Iridium.
RCS		PER	1400	1600	2.00	0	RD Halliburton RU JWO wire line
RCS		PER	1600	2200	6.00	0	Picked up 10K lubricator and ran in hole with Flow Through Frac Plug. Set plug at 15,07'. Perforated 3 SPF , 120 degree phasing, 3.375" csg gun, 11.0 gm, .32 dia. , 919") penetration. perforated 15053 to 15054, 15048 to 15049, 15044 to 15045, 15039 to 15040, 15034 to 15035, 15028 to 15029, 15020 to 15021 15014 to 15015 15007 to 15008, 15002 to 15003, 14994 to 14995, 14982 to 14983
RCS		WOD	2200	2400	2.00	0	WOD

*Manicos stage #3 } re-frac
Frac stage #5 }
part Manicos stage 4 (frac stage 6)
total 70% line 11.9%
of sand into for.*

*1491/1515
39,700*



DRILLING MORNING REPORT # 36 : Rye Patch Federal 22-21 Completion

22 Dec 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 48177	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1199426	Days On Well	35.46
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	851.00			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 22 Dec 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	Wait on daylight, heating up well head to close Frac Valve. Waiting on 15 XO from Halliburton.
RCS		WOR	0800	1500	7.00	0	Heating water and waiting on Halliburton to arrive to repair 4 trucks that are down.
RCS		WOR	1500	2400	9.00	0	halliburton repaired trucks. Changed out 10K spool for 15K spool. Hauled in and heated water.

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DRILLING MORNING REPORT # 35 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

21 Dec 2008
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 124044	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1151249	Days On Well 34.46
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			827.00
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 21 Dec 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		RDO	0000	0300	3.00	0	RD BWVL, Laid down lubricator.
RCS		WOD	0300	0800	5.00	0	wait on daylight. Temperature -14 degrees
RCS		FRC	0800	1000	2.00	0	RU Halliburton to Frac Zone 5 (E)
RCS		FRC	1000	1200	2.00	0	Trying to thaw out frozen valves and lines. Water in frac tanks temperature has dropped to about 35 to 40 Degrees. When water hits cold lines it freezes. ordered hot oil trucks that will be on location at 1500 hours.
RCS		FRC	1200	1730	5.50	0	heating water and thawing out Halliburton lines.
RCS		FRC	1730	1800	0.50	0	Safety Meeting, pressure tested all lines to 10K, hole full, broke down formation with 10,100 psi at 7.4 BPM., pumped 1000 gal. of 7.5 acid, ran extra pad to see acid breakdown before going to sand. went to sand , saw increase of pressure in .5# gal, cut sand and went to spacer. went back to sand , lost another truck , cut sand and went to flush. truck went down during flush. Lost a total of 4 of 6 trucks during job. Frac grad. 1.01, Final ISIP 8758 psi. Pumped a total of 1698 bbls of fluid, 6800 lbs of sand in formation , Averag pump rate 18 bpm.
RCS		FRC	1800	2200	4.00	0	Shut down, draining all lines, attempting to close frac valve. value appears to be frozen. hooked up heater to valve and tarped same until in the morning.
RCS		WOD	2200	2400	2.00	0	Wait on daylight

Manios frac #3
Frac stage #5

Mechanical problems
↳ screenout

(9-l. of sand in fu)

Manios frac total to d-to \$ 527,533

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DRILLING MORNING REPORT # 34 : Rye Patch Federal 22-21 Completion

20 Dec 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 17520	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 1027205	Days On Well	33.46
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
		0 hrs			803.00
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 20 Dec 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0430	4.50	0	Flow back well to pit while waiting on BWWL. Flowcd back 348 bbls of water with traces of sand. Pressure at 1800 psi.
RCS		PER	0430	1600	11.50	0	Well head connection froze up, thawed out same. Pick up lubicator and RIH with gauge ring and sinker bars to check for fill. RIH to 15,290', no fill. POH, operator did not equalize pressure while pulling out of hole. pressure blew wire line up to top of lubicator parting line. Laid down lubicator, splice line and repair top connection on lubicator. While picking up lubicator wire line crew broke high pressure fitting on equalizing hose. Waiting on same from town.
RCS		PER	1600	2400	8.00	0	Made repairs, RIH with FTP (10K) and set at 15,264'. Perforated with 3 SPF with 3.375" csg gun, 11.0 gm, .32" dia, 19" penetration, Perforated 15232 to 15233, 15227 to 15228, 15222 to 15223, 15215 to 15216, 15201 to 15202, 15198 to 15199, 15189 to 15190, 15181 to 15182, 15157 to 15158, 15140 to 15141, 15113 to 15114, 15104 to 15105, 15080 to 15081. Poh, LD lubicator. ALL SHOTS FIRED

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DRILLING MORNING REPORT # 33 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

19 Dec 2008
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 174911	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 990370	Days On Well 30.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.
BOP Drill	Max SICP	psi	Conn Gas.
			Trip Gas

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	737.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 19 Dec 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
STI		FCW	0000	0430	4.50	0	Flow back well on 12 choke. Flowed back a total of 735 bbls.
RCS		PER	0430	1300	8.50	0	RU BWWL, working on computer. PU 10 K flow through plug and run in hole. Set plug at 15,485. POH and lay down setting tool and pick up perforating guns. RIH and perforated 3 SPF with 3.375" casing gun. .32" dia., 19" penetrat ion. 15,463" to 15,464, 15,452 to 15,453, 15,437 to 15,438, 15,402 to 15,403, 15,390 to 15,391, 15,387 to 15,388, 15,382 to 15,383, 15,375 to 15,376, 15,352 to 15,353, 15,314 to 15,315, 15,305 to 15,306, 15,293 to 15,294.
RCS		PER	1300	1400	1.00	0	POH, Lay down guns and lubricator. ALL SHOTS FIRED
RCS		FRC	1400	1600	2.00	0	RU Halliburton, Safety meeting. Pressure test all lines to 10 K, open frac valve, hole full. break down formation 8532 psi with 4 BPM. Pumped 1000 gals of 7.5% acid. Lost 2 pump trucks while pumping pad. Shut down and repaired same.
RCS		FRC	1600	1930	3.50	0	Resumed pumping Slickwater Frac. Pumped a total of 3581 bbls of fluid. Pumped in formation 72300 lbs of sand. Avg. pumping rate 30.8 bbls., Max. psi 9989., As 1# hit formation pressure rose significantly, cut sand went to flush. Screened out 3300 gals flush into flush. Left 99 sacks of sand in wellbore. (850') Placed 75% of designed sand in formation. 5 SI 8488, 10 min 8414, 15 min 8385. Traced all sand with Antimony.
RCS		FRC	1930	2230	3.00	0	RD Halliburton, opened well to pit to flow back sand if possible. opened on 14 choke with pressure at 8500 psi.
RCS		FCW	2230	2430	2.00	0	Flowing back well to pit on 14 choke, recovered a total of 201 bbls of fluid during this period. Slight traces of sand. pressure at 2500 psi.

Mancus Frac #2
Frac stage 4
Mechanical problems
↳ Screened out.
- still lost pump trucks

RECEIVED May 26, 2011



DRILLING MORNING REPORT # 32 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

18 Dec 2008
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 191743	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 815459	Days On Well
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			737.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 18 Dec 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0600	6.00	0	WOD, Halliburton on location with all equipment to FRAC.
RCS		WOO	0600	0800	2.00	0	WOO
RCS		FRC	0800	1000	2.00	0	Warm up equipment, prime up pumps
RCS		FRC	1000	1100	1.00	0	Tighten up bolts on adapter spool
RCS		FRC	1100	1200	1.00	0	Test all lines to 10K, Held safety meeting with all personnel. Opened Frac valve and loaded hole with 5 bbls of fluid. Pressured up and broke down formation at 9490 psi at 10.2 bpm. pumped in 1000 gals of 7.5% acid. Pumped in formation a total of 81,200 lbs of sand. Max. psi 9976, avg. psi 9164, Pumped a total 4065 bbls of fluid in hole. Frac gradient 1.03, Final ISIP 9289, Fluid System, Slickwater, 5 min. 8570 psi, 10 min. 8383 psi, 15 min. 8269 psi.
RCS		FRC	1200	1500	3.00	0	Traced all sand with scandium, SC-46, Was not able to pump Frac as designed due to several Halliburton pump problems. Scheduled to pump at 45 BPM but only averaged 20.3 bpm. This was also due to high pressure. Halliburton has sent in 2 trucks for repair. Pressure started to rise at end so job was cut short in order to flush hole clean. Flushed wellbore to top perf.
RCS		WOO	1500	1700	2.00	0	RD 2 trucks to send to town, prepare to set Flow through plug and perforate. BWWL arrived on location with 5K lubricator instead of a 10K that was ordered. Wait on same.

*Manual Frac ①
 Frac stage ③
 Mech problems -
 most of sand put in fm.*



DRILLING MORNING REPORT # 31 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

17 Dec 2008
 QC Not Done

to total Data to costs

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 24202	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ <u>623716</u>	Days On Well
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			713.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 17 Dec 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	Well shut in , wait on BWWL
RCS		PER	0800	1200	4.00	0	BWWL to set plug and perforate. Did not have the right well head connection Waited on same
RCS		PER	1200	1600	4.00	0	RU wire line and run in hole with sinker bars , no fill. Made up 10K composite plug and ran in hole. Set plug at 15,730". Depths correlated back to open hole log. Pulled out of hole and ran in with dump bailer and dumped 1 sack of cement on top of plug. (8') Lay down bailer
RCS		PER	1600	2000	4.00	0	Made up guns and ran in hole to Perforate Mancos formation. Perforated 15,570' to 15,610' with 1 SPF. (40'), perforated with 3.375 gun, 120 degree phasing, 19" penetration, Perforated from 15,515' to 15,516", 1 3SPF. 41 total holes
RCS		PER	2000	2200	2.00	0	Pulled out of hole RD BWWL, ALL SHOTS FIRED
RCS		FCW	2200	2400	2.00	0	SDFN

*Mancos Frac ①
 Frac stage ③*



Rye Patch Federal 22-21 Completion

Date : 02 Nov 2008 Com Rep Days :
 Com Rpt. No : Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 10,775
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 610,289
RT-GL	7109.0	Last LTI		

Current Op @ 0600
 Planned Op

Daily Details

Tubing Pressure Casing Pressure
 Daily Comments Well Shut In

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 02 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		FCW	0000	1200	12.00	0	Flow well to tank on 12 choke. Pressure at 100 psi. Made a total of 40 bbls of fluid, traces of gas with gel. Recovered a total of 1240 bbls of fluid since Frac.
RCS		FCW	1200	2400	12.00	0	Shut in for pressure build up. Pressure at 1750 psi at 2400 hours.



DRILLING MORNING REPORT # 28 : Rye Patch Federal 22-21 Completion

02 Nov 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 5275	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 610289	Days On Well	29.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			713.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 02 Nov 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	1000	10.00	0	Flowing well to tank on 12 choke. Pressure at 100 psi. Made a total of 21 bbls of gassy fluid during this period. Fluid has traces of gel and sand with some gas.
RCS		FCW	1000	1200	2.00	0	Shut in, pressure at 750 psi.
RCS		FCW	1200	1600	4.00	0	Flowing well/ pressure dropped to 100 psi. Made 29 bbls of fluid.
RCS		FCW	1600	1800	2.00	0	Shut in pressure at 700 psi.
RCS		FCW	1800	2400	6.00	0	Flowing well, pressure dropped to 100 psi. Made a total of 90 bbls of fluid during this 24 hours. Have flowed a total of 1200 bbls of fluid since Frac.

42 gal in a bbl.

Nov 5 rec. 14 bbls.

flowing, gel & water.

SIP 2400 ps.



DRILLING MORNING REPORT # 27 : Rye Patch Federal 22-21 Completion

01 Nov 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 5275	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 594239	Days On Well 27.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs		665.50			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 01 Nov 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	0800	8.00	0	Flowing well on 12 choke, pressure at 200 psi. Recovered a total of 20 bbls of fluid during this period. Slight trace of gas, slugs of gel, gas will burn until put out by water or gel.
RCS		FCW	0800	1000	2.00	0	Shut in for pressure build up for 2 hours, pressure up to 1600 psi.
RCS		FCW	1000	2000	10.00	0	Flowing well to tank, pressure dropped from 1600 psi to 200 psi. Flowing on 12 choke., Recovered a total of 82 bbls of fluid during this period.
RCS		FCW	2000	2200	2.00	0	Shut in for pressure build up. Pressure at 1200 psi.
RCS		FCW	2200	2400	2.00	0	Flowing well on 12 choke. Pressure at 500 psi. Recovered a total of 122 bbls of fluid during this 24 hours. Have recovered a total of 1110 bbls of fluid.



DRILLING MORNING REPORT # 26 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

31 Oct 2008
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 5275	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 588964	Days On Well 26.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name Top (MD) Top (TVD)		
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	641.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 31 Oct 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		FCW	0000	2400	24.00	0	Flowing well to flow back tank, Pressure dropping to 100 psi after approx. 5 to 6 hours. Shutting well in for pressure build up. Pressure building to 1400 to 1600 psi in 2 hours. Recovered a total of 178 bbls of fluid in 24 hours. Fluid has slugs of gel in fluid along with traces of gas. Gas will burn until a slug of water or gel puts it out. Recovered a total of 988 bbls of fluid .

RECEIVED May 26, 2011



Rye Patch Federal 22-21 Completion

Date : 30 Oct 2008 Com Rep Days :
 Com Rpt. No : Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 307,714
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 583,689
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments Move in Halliburton mountain mover and sand. Prepare to Frac	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 30 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOE	0000	2400	24.00	0	Prepare to Frac with Halliburton
RCS		WOE	0000	0730	7.50	0	Wait on Halliburton, planned to start pumping at 0800 hours. Halliburton arrived on location at 0730. Halliburton had the wrong flange to rig up on 7 1/6" X 15K Frac Valve. They brought out 10K flange
RCS		WOE	0730	1500	7.50	0	WO flange from Rock Springs, Wyoming. Arrived on location a 2500 hours.
RCS		FRC	1500	1530	0.50	0	Install flange and rig up lines to Frac well. Tested all lines to 13,500 psi, all ok.
RCS		FRC	1530	1730	2.00	0	Safety meeting, Frac well with 91,920 lbs of 30/70 premium sand. Traced all sand with Iridium. Loaded hole with 2 bbls of fluid, pumped 1000 gallons of 15% HCL acid. Broke formation at 9075 psi at 9.0 bpm. Average rate of 29.10 bpm, average pressure 9172 psi. Max. pressure 9885 psi. Pumped a total of 459 bbls of slickwater, pumped a total of 1461 bbls of total fluid. Final ISIP 8825 psi, Frac Gradient 0.99., 5 min. 8415 psi, 10 min. 8235 psi, 15-min. 8160 psi.
RCS		RDO	1730	2000	2.50	0	RD Halliburton, prepare to open well on 16 choke and flow to flow back tank.
RCS		FCW	2000	2400	4.00	0	open well to flow back tank on 16 choke. Made a total of 810 bbls of fluid during this period. Pressure when opened was 8000 psi dropping to 1000 psi at 2400 hours. No traces of gas. Slight traces of sand at 2200 hours.

*500-4 gal - 1461 - 459.
 x-link*



Rye Patch Federal 22-21 Completion

Date : ¹⁴~~08~~ Oct 2008 Com Rep Days :
Com Rpt. No : Com Rep Nights : Service :

Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 23.73	Daily Cost \$ 24,338
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 275,975
RT-GL	7109.0	Last LTI	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments Perforate, RD and move rig to 24-21	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 08 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOD	0000	0700	7.00	0	WOD
RCS		PER	0700	1200	5.00	0	Made up perforating guns and run in hole. Perforate 15,808' to 15,813' and from 15,786' to 15,792'. Shot 3 SPF, 120 degree phasing, 3.125 casing gun, Correlated from Baker D/N log.
RCS		PER	1200	1400	2.00	0	POH, all shots fired. RD BWWL
RCS		RDO	1400	1800	4.00	0	RD Excell Services rig and move to 24-21
RCS		WOE	1800	2400	6.00	0	Shut down with well shut in waiting on Haliburton to FRAC.

RECEIVED May 26, 2011



Rye Patch Federal 22-21 Completion

Date : ~~07~~¹³ Oct 2008 **Com Rep Days :**
Com Rpt. No : **Com Rep Nights :** **Service :**

Well Details			
Country	USA	M. Depth	Comp AFE Cost \$ 0
Field	Wildcat	TVD	Comp AFE No
Rig	Excell Services 315	Days on Comp 22.73	Daily Cost \$ 0
GL-AMSL		Last BOP Test	Cum Comp Cost \$ 251,637
RT-GL	7109.0	Last LT1	
Current Op @ 0600			
Planned Op			

Daily Details	
Tubing Pressure	Casing Pressure
Daily Comments Run in hole with CIBP, Set same and perforate	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 07 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOD	0000	0700	7.00	0	WOD
RCS		LDP	0700	1100	4.00	0	Finish laying down 2 7/8" tubing. RD floor, tongs, BOP's and remove flange from Frac valve.
RCS		RUO	1100	1300	2.00	0	Move in BWWL and rig up same.
RCS		PER	1300	2000	7.00	0	Make up CIBP and perforating gun and run in hole. SET CIBP at 16,120'. Picked up 10' and set back down on plug. Plug in place. Perforated 15,853' to 15,856', 3', 3 SPF with 3.125 casing gun. 23.5 gm, .43 dia., 120 degree phasing. Perforated from Baker Density/neutron log. Attempted to perforate 15,808' to 15,813 and 15,786' to 15,792'. Both of these would not fire. Pull out of hole.
RCS		RUO	2000	2200	2.00	0	Ran back in hole and again guns would not fire. Will run new guns from town tomorrow AM. POH, lay down tools. SDFN.
RCS		WOD	2200	2400	2.00	0	WOD



Rye Patch Federal 22-21 Completion

Date : 06 Oct 2008	Com Rep Days :
Com Rpt. No :	Com Rep Nights : Service :

Well Details

Country	USA	M. Depth	Comp AFE Cost	\$ 0
Field	Wildcat	TVD	Comp AFE No	
Rig	Excell Services 315	Days on Comp	Daily Cost	\$ 10,490
GL-AMSL		Last BOP Test	Cum Comp Cost	\$ 251,637
RT-GL	7109.0	Last LTI		
Current Op @ 0600				
Planned Op				

Daily Details

Tubing Pressure	Casing Pressure
Daily Comments Lay down 2 7/8" tubing	

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 06 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RCS		WOD	0000	0700	7.00	0	WOD
RCS		LDP	0700	1000	3.00	0	Lay down tubing.
RCS		RRR	1000	1500	5.00	0	Rig repairs. Changed out compressor on engine
RCS		LDP	1500	2000	5.00	0	Lay down tubing
RCS		WOD	2000	2400	4.00	0	SDFN

09
05 Oct 2008
QC Not Done



DRILLING MORNING REPORT # 21 : Rye Patch Federal 22-21 Completion
 RIG: Excel Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 10750	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 241147	Days On Well
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations
Activity After Midnight:	Name Top (MD) Top (TVD)
Status at 0600:	No Depth @ Midnight (MD) entered in the system for today.
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
		0 hrs			497.50
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 05 Oct 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	WOD
RCS		SWB	0700	1100	4.00	0	0 pressure on both casing and tubing. RIH and tagged fluid at 5000'. No fluid rise overnight. Laid down lubricator and swab equipment.
RCS		LDP	1100	1700	6.00	0	Laid down 202 joints of 2 7/8" tubing.
RCS		WOD	1700	2400	7.00	0	SDFN

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04 Oct 2008
QC Not Done



DRILLING MORNING REPORT # 20 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 3744	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 230397	Days On Well 19.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Dnll	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	473.50				
Total Time		hrs		Cum RC Time		
Cum Prod Time	0 hrs			Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 04 Oct 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	WOD
RCS		WOO	0700	1100	4.00	0	Wait on pressure recorders to reach 24 hours. Pull same and prepare to swab.
RCS		SWB	1100	1730	6.50	0	Make up swab lubricator and tag fluid at surface. Made 18 runs with the final run from 5000'. recovered a total of 111 bbls of load water. Have a total of 345 bbls to recover.
RCS		WOD	1730	2400	6.50	0	SDFN

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07
08 Oct 2008
QC Not Done



DRILLING MORNING REPORT # 19 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 9862	Days From Spud
Field	Willcat	Progress (24hr)	0 ft	Cum Cost	\$ 226653	Days On Well 18.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs		449.50			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 03 Oct 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		CIR	0700	1000	3.00	0	RU Halliburton and circulated hole. No signs of gas from well. Held safety meeting. Tested all lines to 11000 psi, ok.
RCS		BUL	1000	1130	1.50	0	Run DFIT, Break down formation at 9072 PSI, 2.2 bpm. Pumped for 5 minutes at a steady rate of 8382 psi at 2.7 bpm. ISIP 7970 psi, 5 min 7716 psi. 1 hour 7467 psi.
RCS		WOO	1130	1230	1.00	0	RD Halliburton, Halliburton pressure gauges will be left hooked up for 24 hours.
RCS		WOD	1230	2400	11.50	0	Wait 24 hours for pressure readings
F.G. .93							

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6
02 Oct 2008
QC Not Done



DRILLING MORNING REPORT # 18 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 10640	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 216791	Days On Well	17.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control		Gas Data	
Hyd. Press.	RSPP psi @ SPM	Avg BG	hwu - hwu
Dynamic Hyd. Press.	Fmtn Integrity psi/ft	Peak BG.	hwu @ ft
BOP Drill	Max SICP psi	Conn Gas.	hwu @ ft
		Trip Gas	hwu @ ft

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			425.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 02 Oct 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		SWB	0700	1100	4.00	0	Pick up lubricator and RIH with swab. Tagged scattered fluid down to S/N. Made 3 runs recovering 0 fluid.
RCS		CIR	1100	1300	2.00	0	Laid down swab equipment. Rigged up pump and loaded hole with 345 bbls of water.
RCS		WOD	1300	2400	11.00	0	SDFN

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Oct 3/08
 01-Oct-2008
 QC Not Done



DRILLING MORNING REPORT # 17 : Rye Patch Federal 22-21 Completion
 RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 8540	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 206151	Days On Well 16.73
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
C/ To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name Top (MD) Top (TVD)		
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs		401.50			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 01 Oct 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		SWB	0700	1500	8.00	0	RIH and tag scattered fluid at 12,000'. Made 8 runs pulling from 15000'. Recovered a total of 5 bbls of fluid. Waited 2 hours and made run and recovered no fluid.
RCS		WOD	1500	1700	2.00	0	SDFN

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Oct 2/08

30 Sep 2008
QC Not Done



DRILLING MORNING REPORT # 16 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 0	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 197611	Days On Well 16.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>		Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	Code	Day	Well	
	0 hrs	384.50				
Total Time			hrs		Cum RC Time	
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 30 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		SWB	0700	1730	10.50	0	0 pressure on tubing and casing TIH and tag fluid at 9200'. Made 20 swab runs pulling from on last run 12,512'. Recovered a total of 60 bbls of slightly gas cut fluid. Small blow in front of and behind each swab run. Caught 2 fluid samples and will send in.
RCS		WOD	1730	2400	6.50	0	SDFN

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Oct 1/08
~~29-Sep-2008~~
 QC Not Done



DRILLING MORNING REPORT # 15 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

Well Data					
State	UT	Current MD/TVD	/	Daily Cost	\$ 11140
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 197611
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg
UWI	15710	License		Planned TD	ft
				Days From Spud	
				Days On Well	15.02
				On Loc Date	15 Sep 2008
				Spud Date	
				Finished Date	
				Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 29 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOR	0000	0500	5.00	0	Wait on Repairs to swab line.
RCS		WOR	0500	1000	5.00	0	Made repairs to swqb line. Cut and spliced 50' of line.
RCS		SWB	1000	1730	7.50	0	RIH and tagged fluid at 6900', Made a total of 18 swab runs. Recovered a total of 50 bbls of gas cut fluid. Difficult swabbing in this used tubing due to scale and traces of cement. This tubing has been used for a work string on the 24-21 and the Cottonwood well. Have tried several different types of swab cups but none last over 2 runs. Fluid is gassy before and after each swab. Pulling from 9700' on last run.
RCS		WOD	1730	2400	6.50	0	SDFN

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28 Sep 2008
QC Not Done



DRILLING MORNING REPORT # 14 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 8540	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 160851	Days On Well 14.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSP	psi @ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu @ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			336.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 28 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOR	0000	2400	24.00	0	Wait on cable splicer.

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DRILLING MORNING REPORT # 13 : Rye Patch Federal 22-21 Completion

RIG: Excell Services 315
 Supervisor : Larry Sessions (281 833 2766)
 Geologist : (435-820-6359)

29
~~27~~ Sep 2008
 QC Not Done

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 0	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 152311	Days On Well 13.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations <table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name		Top (MD)	Top (TVD)				
No Depth @ Midnight (MD) entered in the system for today.							
Activity After Midnight:							
Status at 0600:							
Day Plan:							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	312.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 27 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0800	8.00	0	WOD,
RCS		SWB	0800	1100	3.00	0	0 pressure on casing and tubing Rigged up lubricator and RIH with swab line. Tagged scattered fluid at 4900', tagged solid fluid at 6900'. Made 4 runs pulling from 8600'. On 3rd run tagged fluid at 6400'. Recovered a total of 50 bbls of fluid. Have recovered a total of 125 bbls. Fluid is gassy with a strong gas smell. Strong blow with fluid after each swab run.
RCS		RRR	1100	1300	2.00	0	On the 5th run line began to unravel while going in hole at approx. 7200'. Pulled line out of hole very slow and laid down lubricator. Will now wait on cable splicer to repair line before any more swabbing. Swab line is new and the first time it has been used swabbing.
RCS		WOD	1300	2400	11.00	0	Wait on cable splicer.

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DRILLING MORNING REPORT # 12 : Rye Patch Federal 22-21 Completion

26 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data			
State	UT	Current MD/TVD	/
Field	Wildcat	Progress (24hr)	0 ft
Elevation	7109.0 ft	Cur Hole Size	in
KB Elev	26.0 ft	Last Csg Size	in
Cf To Grd	ft	Shoe MD/TVD	/ ft
UWI	15710	License	
Daily Cost	\$ 0	AFE No.	1918
Cum Cost	\$ 152311	LOT/FIT	ppg/ ppg
AFE Cost	\$ 4498268	Planned TD	ft
Days From Spud		Finished Date	
Days On Well	12.02	Rig Release Date	
On Loc Date	15 Sep 2008		
Spud Date			

Status at Midnight:		Formations		
Activity After Midnight:		Name	Top (MD)	Top (TVD)
Status at 0600:		No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:				

Kick Control		Gas Data	
Hyd. Press.	RSPP	psi@ SPM	Avg BG
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.
BOP Drill	Max SICP	psi	Conn Gas.
			Trip Gas
			hwu - hwu
			hwu @ ft
			hwu @ ft
			hwu@ ft

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well	hrs	Code	Day	Well
			0 hrs			288.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 26 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	WOD
RCS		RIH	0700	0900	2.00	0	Finish in hole with tubing, RU to swab
RCS		SWB	0900	1800	9.00	0	RIH with swab line and tag fluid at 5200'. Made a total of 12 swab runs. Pulled last run from 8600'. Recovered a total of 75 bbls of fluid. Tail gas on end of last several runs. Fluid rising 400 to 500 feet on last 2 runs. Fluid has a strong gas smell.
RCS		WOD	1800	2400	6.00	0	SDFN. Well shut in with gauges on both the tubing and casing

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DRILLING MORNING REPORT # 11 : Rye Patch Federal 22-21 Completion

25 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 0	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 152311	Days On Well 11.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	264.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 25 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight, At 0700 well on vacum.
RCS		RIH	0000	0000	0.00	0	RIH to swab
RCS		NBP	0700	1100	4.00	0	NU BOP's, RU floor. Had to re-do all lines to compensate for the height of the 15 K frac value. Rig floor approx. 15' off ground.
RCS		RIH	1100	1700	6.00	0	RIH with s/n and 2 7/8" tubing. RIH to 15,550'.
RCS		WOD	1700	2400	7.00	0	SDFN



DRILLING MORNING REPORT # 10 : Rye Patch Federal 22-21 Completion

24 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 39352	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 152311	Days On Well 10.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations
Activity After Midnight:	
Status at 0600:	
Day Plan:	
Name Top (MD) Top (TVD)	
No Depth @ Midnight (MD) entered in the system for today.	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	240.50				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 24 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		NWH	0700	0830	1.50	0	NU Frac Value
RCS		WOD	0830	1130	3.00	0	BWWL did not have adapter to Nipple up to 15 K frac Value Wait on adapter
RCS		PER	1130	1300	1.50	0	RU BWWL and RIH with perforating gun. Correlated to Baker Hughes open hole log. Perforated 16,199' to 16,214'. Perforated with Owens super hero gun. Shot 3 SPF, with 3 3/8" gun, 120 degree phasing, 21 gm.
RCS		POH	1300	1700	4.00	0	Pulled out of hole with gun, All shots fired.
RCS		RDO	1700	1900	2.00	0	RD BWWL
RCS		WOD	1900	2400	5.00	0	SDFN



DRILLING MORNING REPORT # 9 : Rye Patch Federal 22-21 Completion

23 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 8540	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 112959	Days On Well 9.02
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:			Formations		
Activity After Midnight:			Name Top (MD) Top (TVD)		
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
			0 hrs			216.50
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio 0.0%/0.0%		

Operations For Period 0000 Hrs to 2400 Hrs On 23 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		CBL	0700	0830	1.50	0	Move in and RU BWWL to run CBL and Perforate
RCS		CBL	0830	2030	12.00	0	Ran in hole with gauge ring and junk basket to 16,222'. Laid down Junk basket and RIH with Cement Bond Log, with Gamma Ray/ CCL. Logged from 16,216' to 5400'. Estimated top of cement at 13,300. (as per BWWL Engineer). Pulled out of hole using light towers for light. Laid down tools. RD BWWL.
RCS		CBL	2030	2130	1.00	0	Unloaded Frac Valve and set on top of tubing hanger.
RCS		CBL	2130	2430	3.00	0	SDFN



DRILLING MORNING REPORT # 8 : Rye Patch Federal 22-21 Completion

22 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 0	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 104419	Days On Well 8.00
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
		0 hrs	192.00			
Total Time				hrs		Cum RC Time
Cum Prod Time				0 hrs	Prod/NPT Ratio	0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 22 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		SRI	0700	1300	6.00	0	Ran in hole with b it and scraper, cleaned out to 16,222'. Rotated bit and scraper while on bottom. no fill. Hole clean. RU lubicator and swabbed well down to 4100'.
RCS		SPO	1300	1800	5.00	0	Pull out to 2000' with bit and scraper.
RCS		SPO	1800	2400	6.00	0	SDFN

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DRILLING MORNING REPORT # 7 : Rye Patch Federal 22-21 Completion

21 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 8540	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 104419	Days On Well
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
	<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>	Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwy - hwy	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwy @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwy @ ft	
			Trip Gas	hwy@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	168.00				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 21 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOO	0000	2400	24.00	0	Shut down for Sunday



DRILLING MORNING REPORT # 6 : Rye Patch Federal 22-21 Completion

20 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 10240	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 95879	Days On Well 6.00
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations						
Activity After Midnight:							
Status at 0600:							
Day Plan:							
<table border="1"> <thead> <tr> <th>Name</th> <th>Top (MD)</th> <th>Top (TVD)</th> </tr> </thead> <tbody> <tr> <td colspan="3">No Depth @ Midnight (MD) entered in the system for today.</td> </tr> </tbody> </table>		Name	Top (MD)	Top (TVD)	No Depth @ Midnight (MD) entered in the system for today.		
Name	Top (MD)	Top (TVD)					
No Depth @ Midnight (MD) entered in the system for today.							

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtr Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	144.00				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 20 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		WOR	0700	1200	5.00	0	Repairs to brakes
RCS		RIH	1200	1600	4.00	0	RIH with Bit and scraper to 16, 100'. RIH slow while breaking in new brake pads and shoes.
RCS		WOD	1600	2400	8.00	0	SDFN



DRILLING MORNING REPORT # 5 : Rye Patch Federal 22-21 Completion

19 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 11740	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 85639	Days On Well	5.00
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:			Formations		
Activity After Midnight:			Name	Top (MD)	Top (TVD)
Status at 0600:			No Depth @ Midnight (MD) entered in the system for today.		
Day Plan:					

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmth Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown					
All Activities			Non-Productive Time		
Code	Day	Well	Code	Day	Well
	0 hrs	120.00			
Total Time		hrs	Cum RC Time		
Cum Prod Time		0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 19 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight, Crew travel
RCS		LDP	0700	0900	2.00	0	Safety meeting , discussed Petro-Canada's policy regarding FRC's and smoking policies. Finished out of hole, Laid down 3 D.C's. Broke out bit and bit sub.
RCS		RIH	0900	1000	1.00	0	Make up bit, and 5 1/2" 23# casing scrapper and start in hole. Scrapper hanging up in annular, found annular to be partially closed. Opened same and started in hole.
RCS		RIH	1000	1400	4.00	0	RIH with 2 7/8" tubing to 10,240'. Brakes not holding. Remove cover and found brake shoes worn out. Ordered out new brake pads. Removed old worn out pads while waiting.
RCS		WOR	1400	1700	3.00	0	Wait on repairs
RCS		WOR	1700	1800	1.00	0	Repairing brakes.
RCS		WOR	1800	2400	6.00	0	SDFN

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DRILLING MORNING REPORT # 4 : Rye Patch Federal 22-21 Completion

18 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 9290	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 73899	Days On Well 4.00
Elevation	7109.0 ft	Cur Hole Size	In	AFE Cost	\$ 4498268	On Loc Date 15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtr Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs	96.00				
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%

Operations For Period 0000 Hrs to 2400 Hrs On 18 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight
RCS		RUO	0700	0900	2.00	0	RU hard lines from pump to tank to well head. Filled rig tank with water. RIH with tubing and tagged at 16,183" Broke circulation.
RCS		DRL	0900	1130	2.50	0	RU power suivel. Drill float collar and cement to 16, 222'.
RCS		CIR	1130	1400	2.50	0	Circulate hole clean with water.
RCS		POH	1400	1900	5.00	0	Pull out of hole with 234 stands of tubing and stood back in derrick.
RCS		WOD	1900	2400	5.00	0	SDFN



DRILLING MORNING REPORT # 3 : Rye Patch Federal 22-21 Completion

17 Sep 2008
QC Not Done

RIG: Excell Services 315
Supervisor : Larry Sessions (281 833 2766)
Geologist : (435-820-6359)

Well Data							
State	UT	Current MD/TVD	/	Daily Cost	\$ 8540	Days From Spud	
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 64609	Days On Well	2.00
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date	15 Sep 2008
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date	
Cf To Grd	ft	Shoe MD/TVD	/ft	LOT/FIT	ppg/ ppg	Finished Date	
UWI	15710	License		Planned TD	ft	Rig Release Date	

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Fmtn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown							
All Activities				Non-Productive Time			
Code	Day	Well		Code	Day	Well	
			0 hrs				48.00
Total Time			hrs	Cum RC Time			
Cum Prod Time			0 hrs	Prod/NPT Ratio		0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 17 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
RCS		WOD	0000	0700	7.00	0	Wait on daylight

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16 Sep 2008



DRILLING MORNING REPORT # 1 : Rye Patch Federal 22-21 Completion

RIG: Key Rig 997
 Supervisor : Larry Sessions (2818332766)
 Geologist : ()

Well Data						
State	UT	Current MD/TVD	/	Daily Cost	\$ 46499	Days From Spud
Field	Wildcat	Progress (24hr)	0 ft	Cum Cost	\$ 46499	Days On Well 1.00
Elevation	7109.0 ft	Cur Hole Size	in	AFE Cost	\$ 4498268	On Loc Date
KB Elev	26.0 ft	Last Csg Size	in	AFE No.	1918	Spud Date
Cf To Grd	ft	Shoe MD/TVD	/ ft	LOT/FIT	ppg/ ppg	Finished Date
UWI	15710	License		Planned TD	ft	Rig Release Date

Status at Midnight:	Formations Name Top (MD) Top (TVD) No Depth @ Midnight (MD) entered in the system for today.
Activity After Midnight:	
Status at 0600:	
Day Plan:	

Kick Control			Gas Data		
Hyd. Press.	RSPP	psi@ SPM	Avg BG	hwu - hwu	
Dynamic Hyd. Press.	Frntn Integrity	psi/ft	Peak BG.	hwu @ ft	
BOP Drill	Max SICP	psi	Conn Gas.	hwu @ ft	
			Trip Gas	hwu@ ft	

Activity Time Breakdown						
All Activities				Non-Productive Time		
Code	Day	Well		Code	Day	Well
	0 hrs		24.00			
Total Time			hrs	Cum RC Time		
Cum Prod Time			0 hrs	Prod/NPT Ratio	0.0%/0.0%	

Operations For Period 0000 Hrs to 2400 Hrs On 16 Sep 2008

PHSE	CLS (RC)	OP	From	To	Hrs	Depth (ft)	Activity Description
THO		WOD	0000	0700	7.00	0	Rig moved in and rigged up. Set anchors. Installed 15K tubing hanger and tested same. ok. .
RCS		PUP	0700	1300	6.00	0	Moved in and unloaded 6500' of 2 7/8" 6.5# N80 tubing.
RCS		PUP	1300	1800	5.00	0	Remove thread protectors, strap pipe, clean and dope pipe. Install 15K X 10K spool. Nipple up BOP's and Annular.
RCS		WOD	1800	2400	6.00	0	Made up 4 1/2' bit, xo, pick up 3 Drill collars and start in hole with 2 7/8" tubing. Loaded and hauled 130 joints of 2 7/8' tubing from Rye Patch well 24-21 well.
							Shut down for night

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Dry Other
 b. Type of Completion: New Work Over Deepen Plug Back Diff. Resvr.
 Other _____

2. Name of Operator
Gasco Production Company

3. Address
8 Inverness Drive East Suite 100, Englewood, Colorado 80112

3a. Phone No. (include area code)
303-483-0044

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*
At Surface: 551' FNL 2051' FWL

At Top Producing Interval Reported Below: Same

At Total Depth: Same

5. Lease Serial No.
UTU - 84317

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
NA

8. Lease Name and Well No.
Rye Patch Federal 22-21

9. API Well No.
4301333437

10. Field and Pool, or Exploratory
Rye Patch

11. Sec., T., R., M., or Block and Survey or Area
NE NW 22 41 14

12. County or Parish
Duchesne

13. State
Utah

14. Date Spudded
06/02/08

15. Date T.D. Reached
07/31/08

16. Date Completed: 09/16/08
4/2 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
GL: 7109'; KB: 27'

18. Total Depth: MD: 16,202'
TVD: 16,202'

19. Plug Back T.D.: MD 15,264
TVD 15,264

20. Depth Bridge Plug Set: MD NA
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Sonic, CCL, VDL, Dipole Sonic, STAR, Induction, Borehole Profile, Compensated Densilog, Mud Log

22. Was well No Yes (Submit copy)
Was DST run? No Yes (Submit copy)
Directional No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
	13 3/8"		0						
12 1/4"	9 5/8 P-110/N-80	40#	0	5,205'		LT 1000		Surf	
8 1/2"	5 1/2" P-110	23#	0	16,230'		50/50 poz 2115		10,162'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
NA								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval (Top/Bot - MD)	Size	No. Holes	Perf. Status
A) Mancos	14,210'	15,610'	14228-16214			
B) Dakota	15,786'	15,856'				
C) Morrison	16,199'	16,214'				
D)						
E)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
See Attached	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/10/09		24	→	0	26.3	60			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
14/64	SI	2600	→	0	26.3	60			Producing

28a.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI		→						

(See instructions and spaces for additional data on reverse side)

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28b.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval E

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

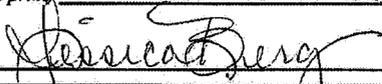
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Mesaverde	7,182	11,480	TD'd within Morrison		
Mancos	11,480	15,612			
Dakota	15,612	15,980			
Morrison	15,980	16,214			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 5. Core Analysis
- 7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jessica Berg Title Production Tech
 Signature  Date 5/14/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL NAME HERE
Additional Information to Well Completion Report

27. Perforation Record

Perforated Interval	Size	No. Hole	Perf. Status
16,199-16,214	0.43	45	Open
15,853-15,856; 15,808-15,813; 15,786-15,792	0.37	42	Open
15,570-15,610; 15,515-15,516	0.32	43	Open
15,463-15,464; 15,452-15,453; 15,437-15,438; 15,402-15,403; 15,390-15,391; 15,387-15,388; 15,382-15,383; 15,375-15,376	0.32	24	Open
15,352-15,353; 15,314-15,315; 15,305-15,306; 15,293-15,294	0.32	12	Open
15,232-15,233; 15,227-15,228; 15,222-15,223; 15,215-15,216; 15,201-15,202; 15,198-15,199; 15,189-15,190; 15,181-15,182	0.32	24	Open
15,157-15,158; 15,140-15,141; 15,113-15,114; 15,104-15,105; 15,080-15,081	0.32	15	Open
15,053-15,054; 15,048-15,049; 15,044-15,045; 15,039-15,040; 15,034-15,035; 15,028-15,029; 15,020-15,021	0.32	21	Open
15,014-15,015; 15,007-15,008; 15,002-15,003; 14,994-14,995; 14,982-14,983	0.32	15	Open
14,939-14,940; 14,929-14,930; 14,850-14,870; 14,835-14,845; 14,812-14,818	0.32	38	Open
14,228-14,236; 14,245-14,259; 14,210-14,226	0.32	38	Open

28. Acid Fracture, Treatment, Cement Squeeze, Etc (continued)

Depth Interval	Amount and Type of Material
14,210-14,259	Frac well w/ 11,800# 100 mesh, 72,400# 40/70 PRC using 4,566 bbls slick water. Traced w/ antimony.
14,812-14,940	Frac well w/ 11,100# 100 mesh, 62,800# 40/70 PRC using 4,542 bbls slick water. Traced w/ scandium.
14,982-15,054	Frac well w/ 5,300# 100 mesh, no 40/70 PRC using 1,445 bbls slick water.
15,080-15,228	Frac well w/ 6,800# 40/70 PRC using 1,698 bbls slick water. Screened out. Traced w/ iridium. Frac w/ 39,700# 40/70 FRC using 1991 bbls slick water.
15,293-15,464	Frac well w/ 72,300# 40/70 PRC using 3,581 bbls slick water. Screened out on #1. Traced w/ antimony.
15,515-15,610	Frac well w/ 81,200# 40/70 PRC using 4,065 bbls slick water. Traced w/ scandium.

C

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Gasco Production Co Operator Account Number: N 2575
Address: 8 Inverness Drive East, Ste 100
city Englewood
state Co zip 80112 Phone Number: (303) 483-0044

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333437	Rye Patch Federal 22-21		NENW	21	11S	14E	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	16919	16919	6/2/2008		9/16/2008		
Comments: Change formation to <u>MDKMN</u> 7/20/11							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Jessica Berg
Name (Please Print)
Jessica Berg
Signature
Production Tech
Title
7/7/2011
Date

RECEIVED

JUL 07 2011

DIV. OF OIL, GAS & MINING

(5/2000)

Effective Date: 4/16/2015

FORMER OPERATOR:	NEW OPERATOR:
Gasco Production Company N2575 7979 E. Tufts Avenue, Suite 11500 Denver, CO 80237 303-996-1805	Badlands Production Company N4265 7979 E. Tufts Avenue, Suite 11500 Denver, CO 80237 303-996-1805
CA Number(s):	Unit(s): Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 6/2/2015
3. New operator Division of Corporations Business Number: 1454161-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 6/2/2015
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 6/3/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 1/20/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: SUR0027842
2. Indian well(s) covered by Bond Number: N/A
3. State/fee well(s) covered by Bond Number(s): SUR0027845
SUR0035619 -FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 1/22/2016
2. Entity Number(s) updated in **OGIS** on: 1/22/2016
3. Unit(s) operator number update in **OGIS** on: 1/22/2016
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 1/22/2016
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/22/2016

COMMENTS:

From: Gasco Production Company
 To: Badlands Production Company
 Effective Date: 4/16/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
FEDERAL 23-18G-9-19	18	090S	190E	4304752496		Federal	Federal	OW	APD
FEDERAL 14-17G-9-19	17	090S	190E	4304752522		Federal	Federal	OW	APD
FEDERAL 13-18G-9-19	18	090S	190E	4304752538		Federal	Federal	OW	APD
FEDERAL 23-29G-9-19	29	090S	190E	4304752544		Federal	Federal	OW	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	OW	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070		Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	090S	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	090S	190E	4304753078		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	190E	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S	190E	4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S	190E	4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S	190E	4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	190E	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	190E	4304754481		State	State	GW	APD
State 413-32-9-19	32	090S	190E	4304754482		State	State	GW	APD
State 323-32-9-19	32	090S	190E	4304754483		State	State	GW	APD
State 431-32-9-19	32	090S	190E	4304754529		State	State	GW	APD
Desert Spring State 224-36-9-18	36	090S	180E	4304754541		State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	180E	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	090S	180E	4304754543		State	State	GW	APD
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	110S	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	110S	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	110S	140E	4301333443	16367	Federal	Federal	GW	P
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	P
RBU 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P

From: Gasco Production Company
 To: Badlands Production Company
 Effective Date: 4/16/2015

RBU 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	100S	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090S	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	090S	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	090S	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	090S	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19	31	090S	190E	4304734201	13641	Federal	Federal	GW	P
FED 42-29-9-19	29	090S	190E	4304734202	13455	Federal	Federal	GW	P
PETES WASH 23-12 #1	12	100S	170E	4304734286	13492	Federal	Federal	GW	P
STATE 4-32B	32	090S	190E	4304734314	14440	State	State	GW	P
FED 14-18-2 #1	18	100S	180E	4304734539	13491	Federal	Federal	GW	P
FED 43-24-3 #1	24	100S	170E	4304734551	13726	Federal	Federal	GW	P
LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	13640	Federal	Federal	GW	P
FED 11-21-9-19	21	090S	190E	4304734608	14151	Federal	Federal	GW	P
FED 22-30-10-18	30	100S	180E	4304734924	14280	Federal	Federal	GW	P
FEDERAL 43-30-9-19	30	090S	190E	4304735343	14202	Federal	Federal	GW	P
FED 11-22-9-19	22	090S	190E	4304735404	14203	Federal	Federal	GW	P
FED 42-21-9-19	21	090S	190E	4304735405	14928	Federal	Federal	GW	P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	P
FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	P
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090S	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	090S	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P

From: Gasco Production Company
 To: Badlands Production Company
 Effective Date: 4/16/2015

SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
FEDERAL 21-30-9-19	30	090S	190E	4304736739	15476	Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090S	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S	190E	4304737613	16052	Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E	4304737621	16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557	Federal	Federal	GW	P
DESERT SPRING FED 21-1-10-18	1	100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	090S	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S

From: Gasco Production Company
To: Badlands Production Company
Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-76482

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Desert Spring Fed 21-1-10-18

2. NAME OF OPERATOR:
Gasco Production Company

9. API NUMBER:
4304737631

3. ADDRESS OF OPERATOR:
7979 E. Tufts Ave. CITY **Denver** STATE **CO** ZIP **80237**

PHONE NUMBER:
(303) 483-0044

10. FIELD AND POOL, OR WILDCAT:
Uteland Butte

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **0633 FNL 1512 FWL**

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENW 1 10S 18E S**

STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 4/16/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Gasco Production Company requests a change of operator on this well, in addition to the wells on the attached list from Gasco Production Company to Badlands Production Company, effective date of 4/16/2015.

Gasco Production Company
7979 E Tufts Ave, Suite 1150
Denver CO 80237
303-996-1805

Michael Decker

Michael Decker, Exec. Vice President & COO

Badlands Production Company
7979 E Tufts Ave, Suite 1150
Denver CO 80237
303-996-1805

Michael Decker

Michael Decker, Exec. Vice President & COO

RECEIVED

JUN 02 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Lindsey Cooke**

TITLE **Engineering Tech**

SIGNATURE *Lindsey Cooke*

DATE **5/18/2015**

(This space for State use only)

APPROVED

JAN 22 2016

DIV. OIL GAS & MINING
BY: *Rachel Medina*

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	110S	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	110S	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	110S	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	100S	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090S	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	090S	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	090S	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	090S	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19	31	090S	190E	4304734201	13641	Federal	Federal	GW	P
FED 42-29-9-19	29	090S	190E	4304734202	13455	Federal	Federal	GW	P
PETES WASH 23-12 #1	12	100S	170E	4304734286	13492	Federal	Federal	GW	P
STATE 4-32B	32	090S	190E	4304734314	14440	State	State	GW	P
FED 14-18-2 #1	18	100S	180E	4304734539	13491	Federal	Federal	GW	P
FED 43-24-3 #1	24	100S	170E	4304734551	13726	Federal	Federal	GW	P
LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	13640	Federal	Federal	GW	P
FED 11-21-9-19	21	090S	190E	4304734608	14151	Federal	Federal	GW	P
FED 22-30-10-18	30	100S	180E	4304734924	14280	Federal	Federal	GW	P
FEDERAL 43-30-9-19	30	090S	190E	4304735343	14202	Federal	Federal	GW	P
FED 11-22-9-19	22	090S	190E	4304735404	14203	Federal	Federal	GW	P
FED 42-21-9-19	21	090S	190E	4304735405	14928	Federal	Federal	GW	P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	P

FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	P
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090S	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	090S	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
FEDERAL 21-30-9-19	30	090S	190E	4304736739	15476	Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090S	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S	190E	4304737613	16052	Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E	4304737621	16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557	Federal	Federal	GW	P
DESERT SPRING FED 21-1-10-18	1	100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	090S	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S