

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUL 11 2001

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-78433
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Pannonian Energy, Inc.		7. If Unit or CA Agreement, Name and No. N/A
3A. Address 14 Inverness Dr. E., Englewood, CO 80112	3b. Phone No. (include area code) (303) 483-0044	8. Lease Name and Well No. Federal 11-21-9-19
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 577' FNL & 522' FWL (NWNW) At proposed prod. Zone		9. API Well No.
14. Distance in miles and direction from nearest town or post office* Approximately 25.8 miles from Myton, Utah		10. Field and Pool, or Exploratory Riverbend
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 522'	16. No. of Acres in lease 996.37	11. Sec., T., R., M., or Blk. and Survey or Area Section 21-T9S-R19E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Map C	19. Proposed Depth 12,500	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4763' GL	20. BLM/BIA Bond No. on file Utah BLM Bond No. 4127759	13. State UT
22. Approximate date work will start* Upon Approval		17. Spacing Unit dedicated to this well 40
23. Estimated duration 35 days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall 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 shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Howard O Sharpe</i>	Name (Printed/Typed) Howard Sharpe	Date
Title	Vice President	
Approved by (Signature) <i>Thomas B. Cleary</i>	Name (Printed/Typed)	Date 12/13/2001
Title Assistant Field Manager Mineral Resources	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 reverse)

NOTICE OF APPROVAL

**CONDITIONS OF APPROVAL ATTACHED
RECEIVED**

DEC 18 2001

DIVISION OF
OIL, GAS AND MINING

DOGMA

01PS0960A

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Pannonian Energy, Inc.

Well Name & Number: Federal 11-21-9-19

API Number: _____

Lease Number: U-78443

Location: NWNW Sec. 21 T.9S R. 19E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

1. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

In addition to the cementing proposal for the surface casing, Class G neat cement shall be placed within the surface casing-conductor annulus from the surface down to a minimum of 200'

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

To evaluate cement quality across the usable water zone, a Cement Bond Log will be required from the surface casing shoe to the base of the conductor pipe.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 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 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO 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 will be submitted to the Vernal District Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous:

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COA)

Pannonian Energy, Inc. - Well No.s 11-21-9-19 & 22-22-9-19

Location and Type of Water Supply:

Your permit to drill identified that the Dalbo Ouray Water facility would be used as the water supply for drilling. If any other water source is necessary it will require additional approval by the authorized officer of the Vernal Field Office.

Source of Construction Materials:

Only subsurface soils will be used for construction. All top soils will be stockpiled and identified in the APD for future reclamation of disturbed areas.

Plans For Reclamation of Location:

All seeding for reclamation operations at this location shall use the following seed mixture:

Gardners saltbush	Atriplex gardneri	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
Indain rice grass	Oryzopsis hymenoides	2 lbs/acre
galleta grass	Hilaria jamesii	4 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.
UTU-78433
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.
Federal 11-21-9-19

2. Name of Operator
Pannonian Energy, Inc.

9. API Well No.
43-047-34608

3A. Address
14 Inverness Dr. E., Englewood, CO 80112

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

10. Field and Pool, or Exploratory
Riverbend Pennetta Ranch

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface **577' FNL & 522' FWL (NWNW) 4430679Y 4D.02192**
At proposed prod. Zone **U03057X - 109.79233**

11. Sec., T., R., M., or Blk, and Survey or Area
Section 21-T9S-R19E

14. Distance in miles and direction from nearest town or post office*
Approximately 25.8 miles from Myton, Utah

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
522'

16. No. of Acres in lease
996.37

17. Spacing Unit dedicated to this well
40

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
See Map C

19. Proposed Depth
12,500

20. BLM/BIA Bond No. on file
Utah BLM Bond No. 4127759

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4763' GL

22. Approximate date work will start*
Upon Approval

23. Estimated duration
35 days

24. Attachments

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

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

25. Signature *Howard A Sharpe* Name (Printed/Typed) **Howard Sharpe** Date

Title **Vice President**
Approved by (Signature) *Howard B. Cleavage* Name (Printed/Typed) Date **12/13/2001**
Title **Assistant Field Manager Mineral Resources** 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 reverse)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED
RECEIVED

Federal Approval of this Action is Necessary

Approved by the
Utah Division of
Oil, Gas and Mining
Date: **06-11-02**
By: *[Signature]*

MAY 17 2002
DIVISION OF
OIL, GAS AND MINING

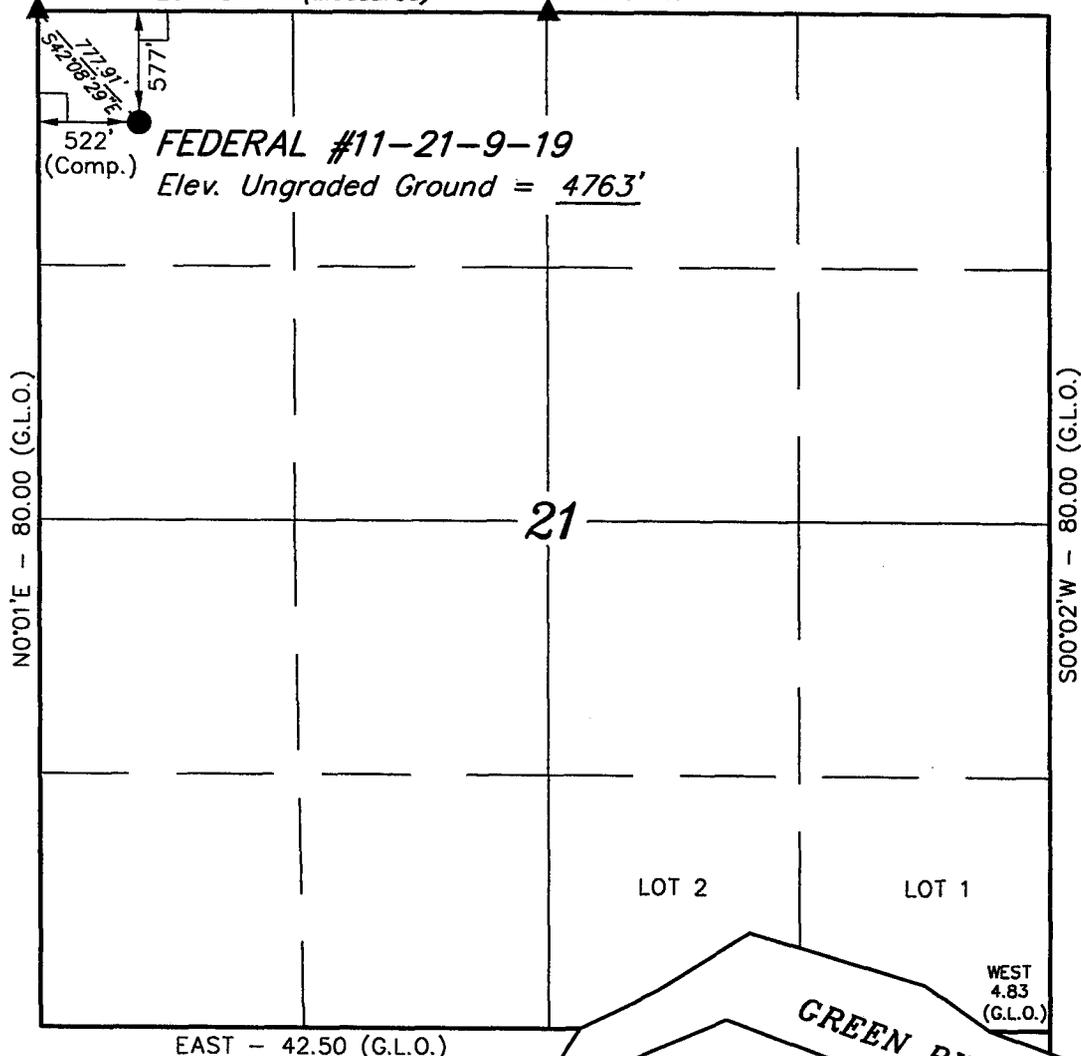
T9S, R19E, S.L.B.&M.

PANNONIAN ENERGY, INC.

Well location, FEDERAL #11-21-9-19, located as shown in the NW 1/4 NW 1/4 of Section 21, T9S, R19E, S.L.B.&M. Uintah County, Utah.

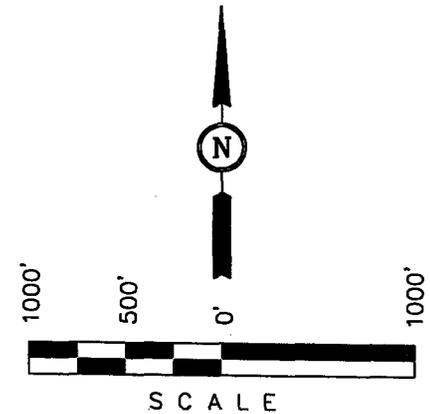
1910 Brass
Cap 2.0' High, EAST - G.L.O. (Basis of Bearings)
Pile of Stones
2651.34' - (Measured)

1910 Brass
Broke Off,
Pile of Stones



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 21, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4749 FEET.



CERTIFICATE

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

REGISTERED LAND SURVEYOR
No. 161310
ROBERT L. KAY
STATE OF UTAH

REVISED: 11-19-01 D.COX

UTAH ENGINEERING & SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 6-2-01	DATE DRAWN: 6-11-01
PARTY D.A. P.M. D.COX		REFERENCES G.L.O. PLAT
WEATHER WARM	FILE PANNONIAN ENERGY, INC.	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 40°01'19"
LONGITUDE = 109°47'32"

PANNONIAN ENERGY, INC.

**Federal 11-21-9-19
NWNW, Section 21-T9S-R19E
Uintah County, Utah
Lease No. UTU-78433**

DRILLING PLAN

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Formation	Depth (ft)	Hydrocarbon/Water Bearing Zones
Uintah	Surface	
Green River	1,933'	Gas/Oil
Wasatch	5,483'	Gas
Mesa Verde	8,800'	Gas
TD	12,500'	

All usable (<10,000 ppm TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All significant oil and gas shows will be tested to determine commercial potential. This information shall be reported to the Vernal BLM Office.

2. PRESSURE CONTROL EQUIPMENT:

All well control equipment shall be in accordance with Onshore Order #2 for 5M systems.

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram showing size, pressure ratings, testing procedures, and testing frequency.

5000# BOP With 4-1/2" Pipe Rams
5000# BOP With Blind Rams
5000# Annular

Auxiliary equipment to be used:

- Upper kelly cocks with handle available.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure (utilizing a test plug) at:

- initial installation;
- whenever any seal subject to test pressure is broken;
- following related repairs;
- at 30 day intervals

The annular preventer will be pressure tested to 50 percent of the rated working pressure. All pressure tests shall be maintained at least ten minutes or until provisions of test are met, whichever is longer.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.

All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to open the HCR valve, close all rams plus the annular preventer, and retain 200 psi above pre-charge pressure without the use of closing unit pumps. The system will have two independent power sources to close the preventers in accordance with 5M system requirements outlined in Onshore Order #2.

Remote controls shall be readily accessible to the driller. Master controls shall be at the accumulator.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

Depth	Hole Size	Size	Grade	Weight	Thread	Condition
0-220'	17 1/2"	13 3/8"	H-40	48#/ft	ST&C	New
0-3,500	12-1/4"	9-5/8"	J-55	40#/ft	LT&C	New
0-TD	7-7/8"	4-1/2"	P-110	13.5#/ft	LT&C	New

The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics.

All casing, except conductor casing, shall be new or reconditioned and tested. Used casing shall meet or exceed API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing. If drive pipe is used, it may be left in place if its total length is less than twenty feet below the surface. If the total length of the drive pipe is equal to or greater than twenty feet, it will be pulled prior to cementing surface casing, or it will be cemented in place.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

The bottom three joints of the surface casing will have one centralizer per joint and one centralizer every fourth joint thereafter.

Casing design subject to revision based on geologic conditions encountered.

B. The proposed cementing program will be as follows:

Conductor String: Cement will be circulated to surface. Estimated volume (100% over theoretical value) 260 sxs Class "G", 3% CaCl₂ w/0.25 #/sx Flocele @ 15.6 ppg, 1.19 ft³/sx.

Surface String: Cement will be circulated to surface. Estimated volume (35% over theoretical value):

Lead: 465 sx Hifill @ 12.0 ppg, 2.87 ft³/sx.

Tail: 380 sx Class "G" 2% CaCl₂ @ 15.8 ppg, 1.16 ft³/sx.

Production String: Estimated volume (gauge hole + 15%):

Lead: 450 sx Hifill @ 11.0 ppg, 3.84 ft³/sx.

Tail: 1790 sx 50/50 POZ @ 14.35 ppg, 1.26 ft³/sx.

Actual volumes will be calculated and adjusted with caliper log prior to cementing. Ten percent excess will be pumped.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the casing shoe prior to drilling out.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The Vernal District BLM Office will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

After cementing the surface pipe and/or any intermediate strings, but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the Driller's Log.

4. DRILLING FLUIDS PROGRAM:

Interval	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-400'	Spud	8.4 -9.0	30-45+	8.0	NC	Gel & lime as required.
400'-Top of Wasatch	Wtr/gel	8.4-8.8	27-35	8.5-9.0	NC	Min. Wt.
Top of Wasatch-TD	KCL Mud	8.5-11.2*	35-45	9.0-11.0	10-15cc @ TD	* Min Wt. to control formation pressure.

NC = no control

Sufficient quantities of mud material will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this 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 completing of this well.

5. EVALUATION PROGRAM:

Logs: DLLT/GR: TD to base surface casing
 SDL/DSN/GR/CAL: TD to 300' above Green River
 MRIL: TD to 100' above Wasatch
 (at operators discretion)

Cores: None anticipated.

DST's: None anticipated.

When cement has not been circulated to surface, the cement top will be determined by either a temperature survey or cement bond log. Should a temperature survey fail to locate the cement top, a cement bond log will be run. A field copy will be submitted to the Vernal BLM office.

Drill stem tests, if they are run, will adhere to the following requirements:

Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the Authorized Officer. Closed chamber DST's may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

6. ABNORMAL CONDITIONS:

No anticipated abnormal pressures or temperatures are expected to be encountered. No hydrogen sulfide is expected.

Anticipated Maximum bottom-hole pressure is 6825 psi.

7. OTHER INFORMATION:

The anticipated starting date and duration of the operation will be as follows:

Starting Date:	Upon Approval
Duration:	35 Drilling Days & 20 Completion Days

If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted directly to the Authorized Officer or filed with Form 3160-4.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Deviations from the proposed drilling and/or workover program will be approved by the Authorized Officer. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders No. 1 and No. 2, and the approved Plan of Operations. The Operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

PANNONIAN ENERGY, INC.

***Federal 11-21-9-19
NWNW, Section 21-T9S-R19E
Uintah County, Utah
Lease No. UTU-78433***

SURFACE USE PLAN

An onsite inspection for the subject well was conducted on June 26, 2001. Weather conditions at the time of the onsite inspection were overcast and windy. In attendance were the following individuals:

Stan Olmstead – Bureau of Land Management
Robert Kay – Uintah Engineering & Land Surveying
Robin Dean – Pannonian Energy, Inc.
Kelly Olds – Halliburton Integrated Solutions
Sheila Bremer – Halliburton Integrated Solutions

1. EXISTING ROADS:

Refer to Topo Maps A and B for location of existing access roads.

See Topo Map A for directions to the proposed location from Myton, Utah.

The existing roads will be maintained and kept in good repair.

2. ACCESS ROADS TO BE CONSTRUCTED:

Approximately 0.5 miles of an 2-track and 0.6 miles of a reclaimed road will be required to access the proposed location.

The proposed access road was centerline staked.

The new road will be completed as a single lane 18-foot subgrade road with no CMPs (see Topo Map B).

Maximum grade will be less than eight percent.

There are no major cuts or fills, turnouts, or bridges anticipated along the proposed access route.

No gates, cattleguards, fence cuts, or modifications to existing facilities will be required on or along the proposed access route.

The access road will be constructed and maintained as necessary to prevent soil erosion and accommodate all-weather traffic. The road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along the access road route.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

The access road and associated drainage structures will be constructed and maintained in accordance with roading guidelines contained in the joint BLM/USFS publication: *Surface Operating Standards for Oil and Gas Exploration and Development*, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

If the access road is dry during construction, drilling, and completion activities, water will be applied to the access road to help facilitate road compaction (during construction) and to minimize soil loss as a result of wind erosion.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See Topo Map C.

- Water wells – 0
- Abandoned wells – 1
- Temporarily Abandoned wells – 0
- Disposal wells – 0
- Drilling/Proposed wells – 0
- Producing wells – 4
- Shut-in wells – 0
- Injection wells – 0
- Monitoring wells - 0

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope.

Containment berms will be constructed completely around production facilities designed to hold fluids (i.e., production tanks, produced water tanks, and/or heater/treater). The containment berms will be constructed of compacted subsoil, be sufficiently impervious, hold 110 percent of the capacity of the largest tank, and be independent of the back cut.

All loading lines will be placed inside the berm surrounding the tank battery.

All permanent (on site six months or longer) aboveground structures constructed or installed on location and not subject to safety requirements will be painted Carlsbad Canyon (Munsell standard color 2.5y 6/2).

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be

conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The Authorized Officer 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 will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the Authorized Officer.

5. LOCATION AND TYPE OF WATER SUPPLY:

Water for drilling will be obtained from the Dalbo Ouray Water Facility located in Section 32-T4S-R3E, Water Use Claim #43-8496, Application #53617. No water supply well will be drilled.

The water will be transported to location via truck by an approved commercial water hauler over the access roads shown on Topo Maps A and B.

6. SOURCE OF CONSTRUCTION MATERIALS:

Surface and subsoil materials in the immediate area will be utilized. Any construction materials that may be required for surfacing of the drill pad and access road will be obtained from a contractor having a permitted source of materials within the general area.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

No construction materials will be removed from Federal lands without prior approval.

7. METHODS OF HANDLING WASTE DISPOSAL:

Cuttings and drilling fluids will be contained in the reserve pit.

Tanks will be used for storage of produced fluids during testing. Fracture stimulation fluids will be flowed back into the reserve pit for evaporation.

Portable, self-contained chemical toilets will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.

All garbage and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage. Upon completion of operations, or as needed, the accumulated trash will be transported to a state approved waste disposal site. No trash will be placed in the reserve pit.

Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location. Any open pits will be fenced

during drilling operations and said fencing will be maintained until such time as the pits have been backfilled.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location will be submitted for the Authorized Officer's approval.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

Operator maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

A. General Information:

See the attached *Location Layout* and *Typical Cross Sections* diagrams showing the proposed drill pad cross sections and cut and fills in relation to topographic features as well as access onto the pad and soil stockpiles.

See the attached *Typical Rig Layout* diagram showing the location of the reserve pit, flare pit, living facilities, and rig orientation with respect to the pad and other facilities.

If necessary, in order to divert surface runoff, a drainage ditch will be constructed around the upslope side of the well site.

All equipment and vehicles will be confined to the approved disturbed areas of this APD (i.e., access road, well pad, and spoil and topsoil storage areas).

The fill section of the pad that supports the drilling rig and any other heavy equipment will be compacted.

B. Reserve Pit:

The reserve pit will be constructed in a way that minimizes the accumulation of surface precipitation runoff into the pit. This may be accomplished by appropriate placement of subsoil/topsoil storage areas and/or construction of berms or ditches.

The reserve pit will be fenced on three sides during drilling operations and the fourth side will be fenced after the drilling rig moves off the location. Thirty-nine (39) inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire will not be used if pipe or some type of reinforcement rod is attached to the top of the entire fence. The net wire will be no more than two inches above the ground. The barbed wire will be three inches over the net wire. Total height of the fence will be at least 42 inches. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the corner braces. Maximum distance between any 2 fence posts will not be greater than 16 feet. All wire will be stretched using a stretching device before it is attached to the corner posts.

Siphons, catchments, and/or absorbent pads will be installed to keep hydrocarbons produced by the drilling rig from entering the reserve pit. Hydrocarbons and contaminated pads will be disposed of in accordance with DEQ requirements.

The reserve pit will be backfilled as soon as dry after drilling and completion operations are finished. If natural evaporation of the reserve pit is not feasible, alternative methods of drying, removal of fluids, or other treatment will be developed. If fluids will be disposed of by any method other than evaporation or hauling to a DEQ approved disposal pit, prior approval from the Authorized Officer will be obtained.

If a liner is required, then the reserve pit will be lined with a synthetic liner. The reserve pit bottom and side walls shall be void of any sharp rocks that could puncture the liner. The liner will be installed over smooth fill subgrade that is free of pockets, loose rocks, or other materials (i.e. sand, sifted dirt, or bentonite) that could damage the liner. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

10. PLANS FOR RECLAMATION OF THE SURFACE:

Producing Location:

- Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.
- If a synthetic, nylon reinforced, liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled.
- Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

- The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by backfilling and crowning the pit to prevent water from standing.
- Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. The Bureau of Land Management will specify a seed mixture. Seed will be broadcast and walked in with a dozer. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix.

Dry Hole/Abandoned Location:

- On lands administered by the BLM, abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.
- All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed location is as follows:

Well Site & Access Road: Bureau of Land Management

12. OTHER INFORMATION:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities. 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 or other pesticides or possibly hazardous chemicals.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. If BLM authorization is obtained, such storage is only a temporary measure.

The Operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Officer. Within five working days, the Authorized Officer will inform the Operator as to:

- whether the materials appear eligible for the National Historic Register of Historic Places;
- the mitigation measures the Operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.
- If the Operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the Operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

A Class III archeological survey has been conducted by Metcalf Archeological Consultants. No significant cultural resources were found and clearance is recommended. Metcalf Archeological Consultants will submit a copy of this report to the appropriate agencies.

13. LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Mike Decker
Pannonian Energy, Inc.
14 Inverness Drive East
Suite H-236
Englewood, Colorado 80112-5625
(303) 204-3880

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 exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Pannonian Energy, Inc., and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

7-5-01
Date


Howard Sharpe, Vice President

PANNONIAN ENERGY, INC.

FEDERAL #11-21-9-19

LOCATED IN UINTAH COUNTY, UTAH

SECTION 21, T9S, R19E, S.L.B.&M.

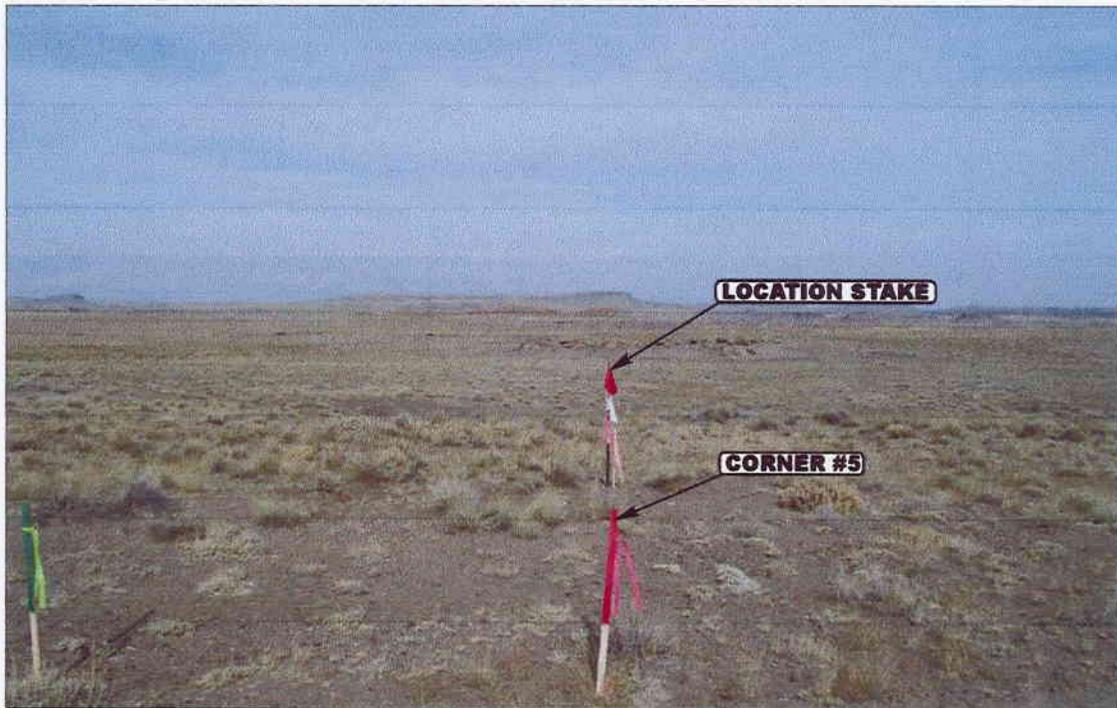


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF RECLAIMED ROAD

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

6

12

01

MONTH

DAY

YEAR

PHOTO

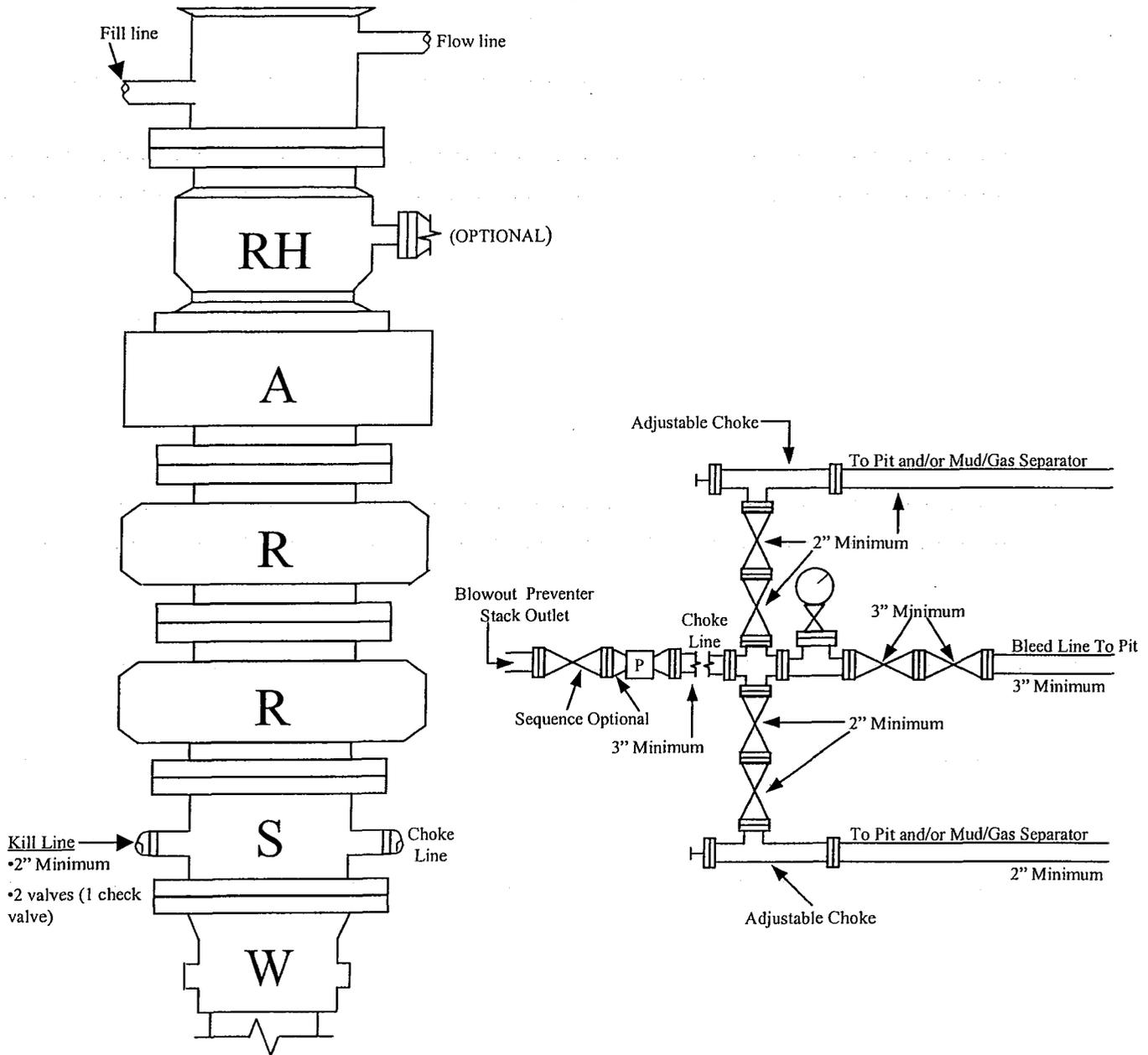
TAKEN BY: S.H.

DRAWN BY: K.G.

REVISED: 11-13-01

DOUBLE RAM TYPE PREVENTERS WITH AN OPTIONAL ROTATING HEAD

5000 psi system



* Note: Kill line shall be 2" minimum diameter and have two valves, one of which shall be a check valve. Both valves: 2" minimum.

Minimum BOP Stack

One Pipe Ram

One Blind Ram

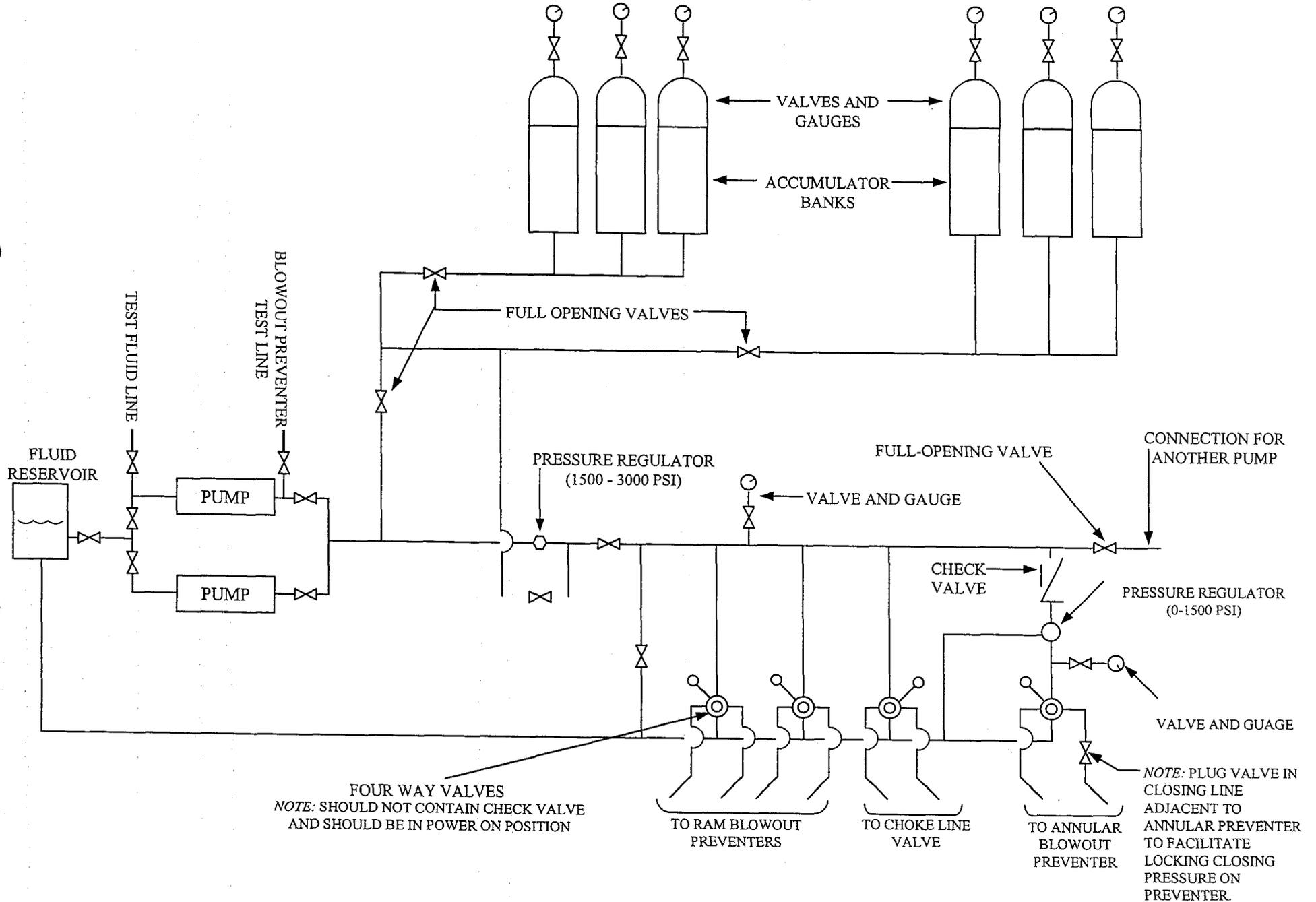
One Annular

Well Head

Manifold

5000 psi Working Pressure

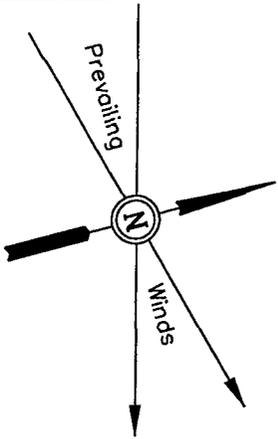
**TYPICAL BLOWOUT PREVENTER
CLOSING UNIT ARRANGEMENT**



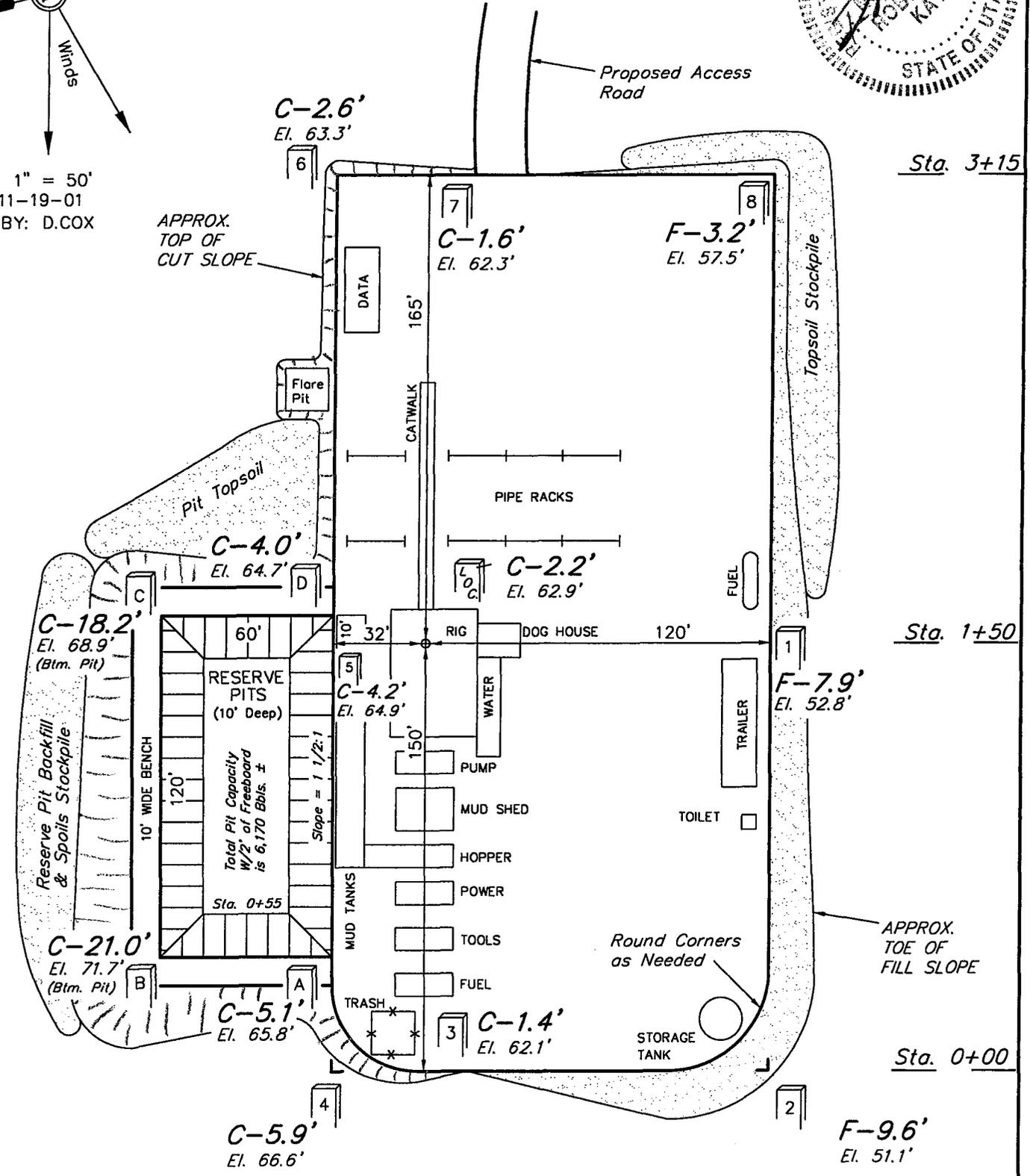
PANNONIAN ENERGY, INC.

LOCATION LAYOUT FOR

FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL



SCALE: 1" = 50'
DATE: 11-19-01
DRAWN BY: D.COX



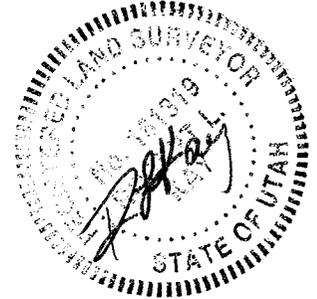
Elev. Ungraded Ground at Location Stake = 4762.9'
Elev. Graded Ground at Location Stake = 4760.7'

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

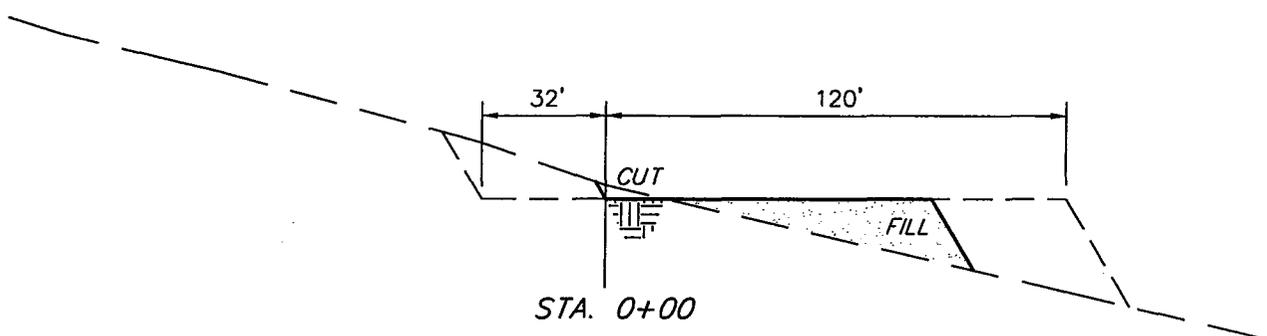
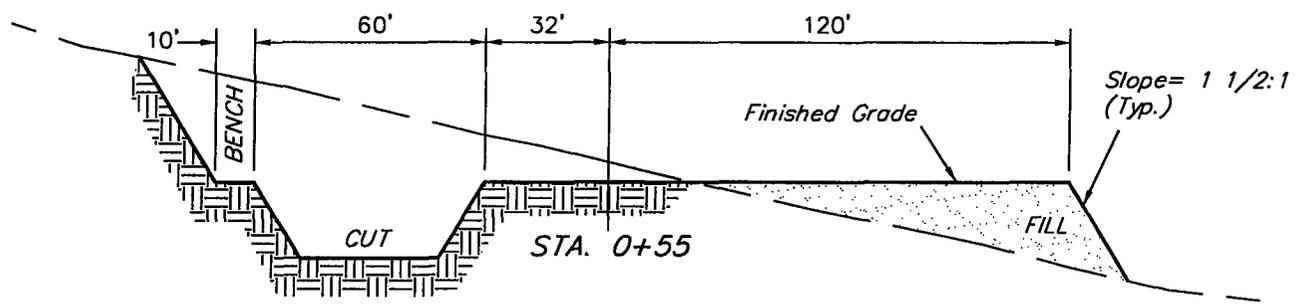
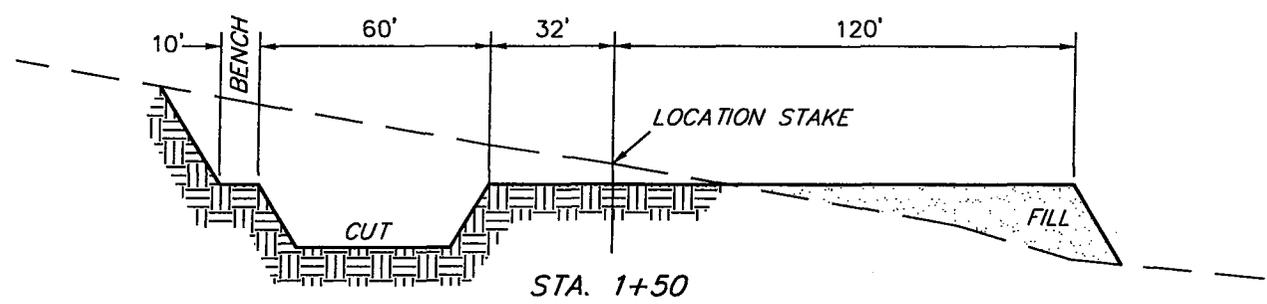
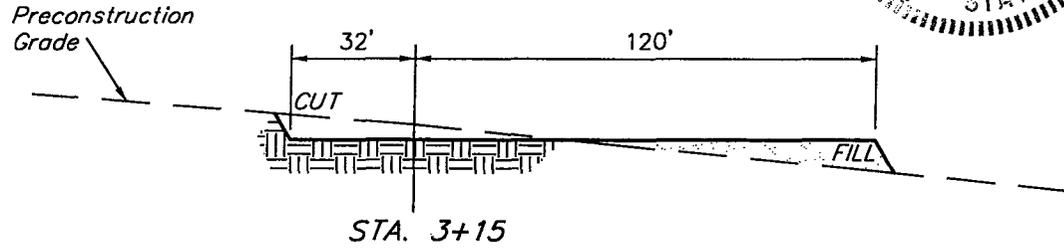
PANNONIAN ENERGY, INC.

TYPICAL CROSS SECTION FOR

FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL



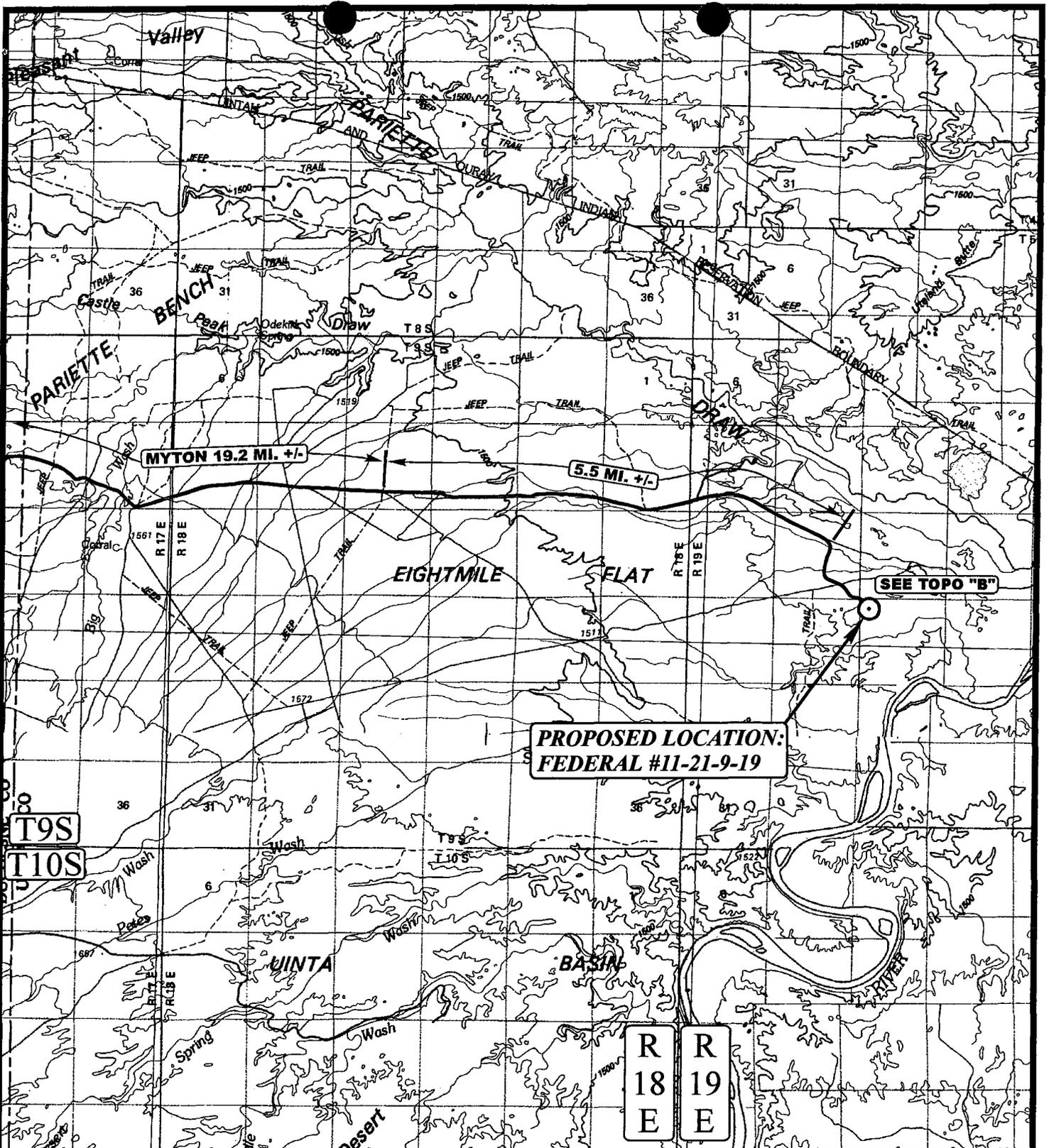
1" = 20'
X-Section Scale
1" = 50'
DATE: 11-19-01
DRAWN BY: D.COX



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,070 Cu. Yds.
Remaining Location	= 5,820 Cu. Yds.
TOTAL CUT	= 6,890 CU.YDS.
FILL	= 4,680 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,960 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,960 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



LEGEND:
 ○ PROPOSED LOCATION

PANNONIAN ENERGY, INC.
FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL



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

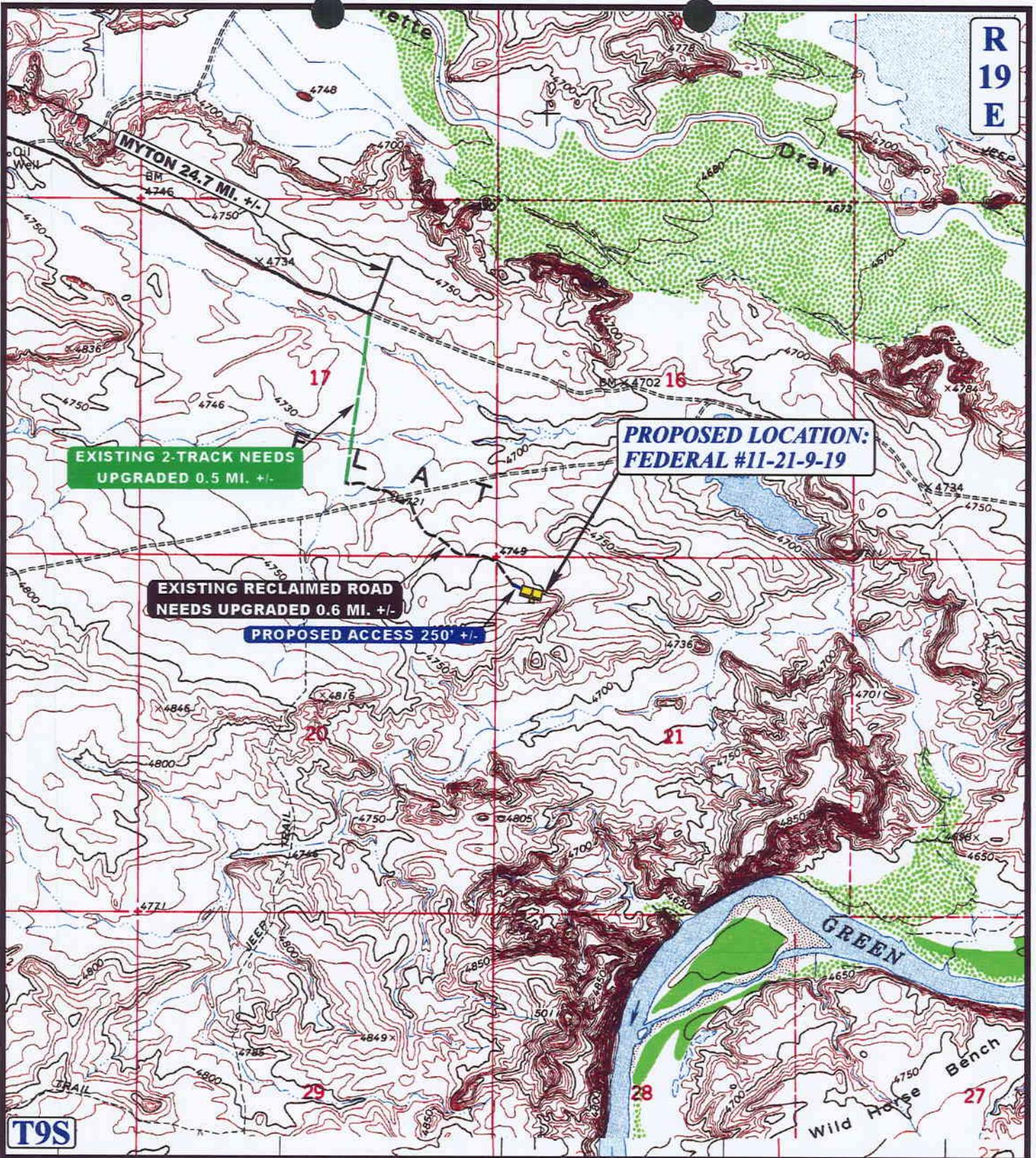
TOPOGRAPHIC
 MAP

6	12	01
MONTH	DAY	YEAR

A
 TOPO

SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 11-13-01

R
19
E



**PROPOSED LOCATION:
FEDERAL #11-21-9-19**

**EXISTING 2-TRACK NEEDS
UPGRADED 0.5 MI. +/-**

**EXISTING RECLAIMED ROAD
NEEDS UPGRADED 0.6 MI. +/-**

PROPOSED ACCESS 250' +/-

T9S

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD

PANNONION ENERGY, INC.

**FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL**



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



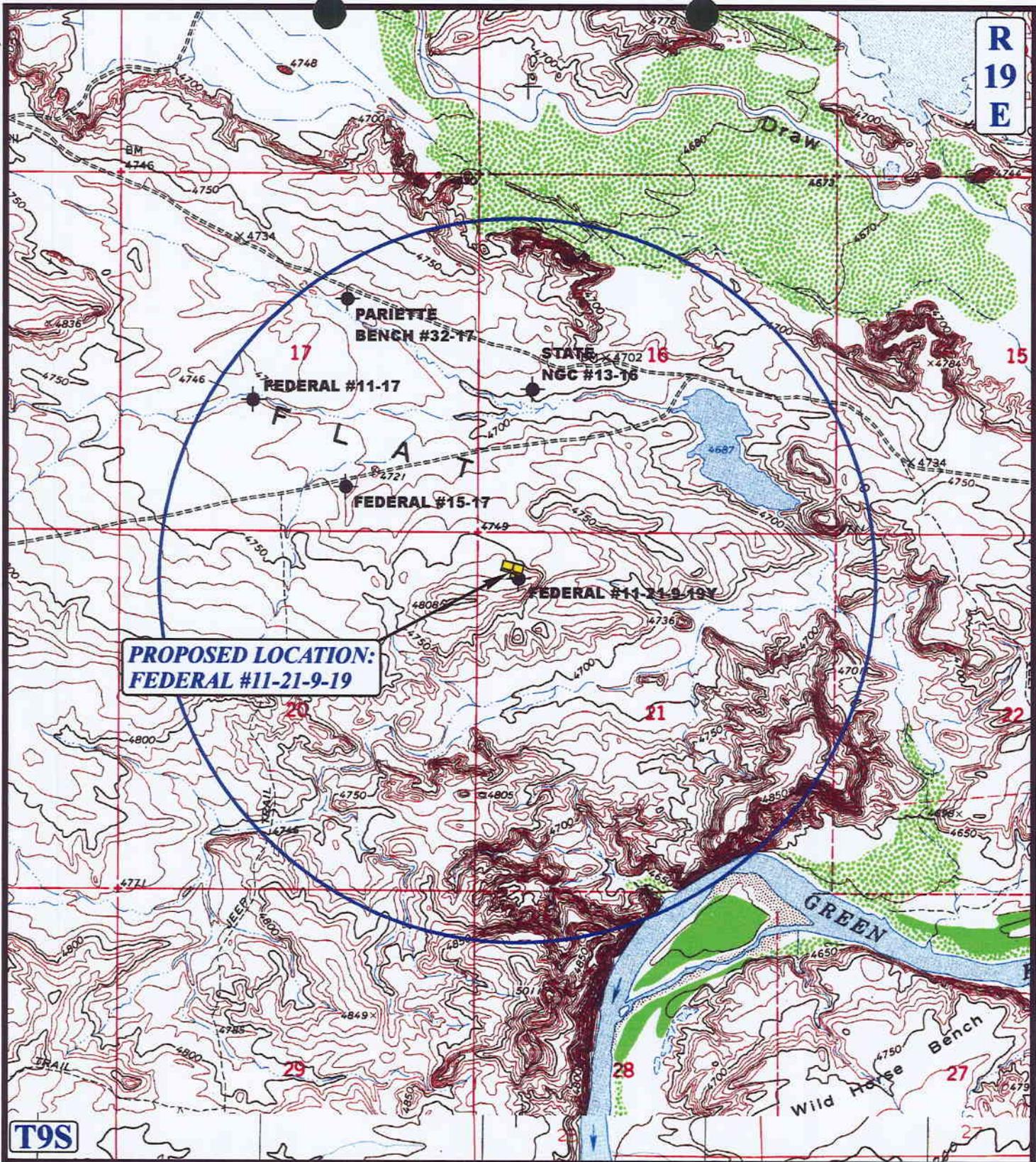
**TOPOGRAPHIC
MAP**

6 12 01
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 11-13-01

**B
TOPO**

R
19
E



**PROPOSED LOCATION:
FEDERAL #11-21-9-19**

T9S

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



PANNONION ENERGY, INC.

FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL



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

**TOPOGRAPHIC
MAP**

6 12 01
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 11-13-01



CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Pannonian Energy, Inc.
Well Name & Number: Federal 11-21-9-19
API Number: 43-047-34608
Lease Number: U-78443
Location: NWNW Sec. 21 T.9S R. 19E
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

1. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

In addition to the cementing proposal for the surface casing, Class G neat cement shall be placed within the surface casing-conductor annulus from the surface down to a minimum of 200'

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

To evaluate cement quality across the usable water zone, a Cement Bond Log will be required from the surface casing shoe to the base of the conductor pipe.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 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 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO 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 will be submitted to the Vernal District Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Conditions of Approval (COA)

Pannonian Energy, Inc. - Well No.s 11-21-9-19 & 22-22-9-19

Location and Type of Water Supply:

Your permit to drill identified that the Dalbo Ouray Water facility would be used as the water supply for drilling. If any other water source is necessary it will require additional approval by the authorized officer of the Vernal Field Office.

Source of Construction Materials:

Only subsurface soils will be used for construction. All top soils will be stockpiled and identified in the APD for future reclamation of disturbed areas.

Plans For Reclamation of Location:

All seeding for reclamation operations at this location shall use the following seed mixture:

Gardners saltbush	Atriplex gardneri	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
Indain rice grass	Oryzopsis hymenoides	2 lbs/acre
galleta grass	Hilaria jamesii	4 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

SURFACE USE PROGRAM
Conditions of Approval (COA)
Pannonian Energy, Inc. - Well No.s 11-21-9-19 & 22-22-9-19

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PANNONIAN ENERGY, INC.

FEDERAL #11-21-9-19

SECTION 21, T9S, R19E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.7 MILES TO THE JUNCTION THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY THEN SOUTHWESTERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY THEN EASTERLY DIRECTION APPROXIMATELY 6.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; PROCEED IN A EASTERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 5.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXITING RECLAIMED ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 250' TO THE PROPOSED LOCATION.

FILED
AUG 13
BOSTON

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

002

APD RECEIVED: 05/17/2002

API NO. ASSIGNED: 43-047-34608

WELL NAME: FEDERAL 11-21-9-19
 OPERATOR: PANNONIAN ENERGY INC (N1815)
 CONTACT: HOWARD SHARPE

PHONE NUMBER: 303-483-0044

PROPOSED LOCATION:

NWNW 21 090S 190E
 SURFACE: 0577 FNL 0522 FWL
 BOTTOM: 0577 FNL 0522 FWL
 UINTAH
 PARIETTE BENCH (640)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-78433
 SURFACE OWNER: 1 - Federal

LATITUDE: 40.02192
 LONGITUDE: 109.79233

PROPOSED FORMATION: WSMVD

RECEIVED AND/OR REVIEWED:

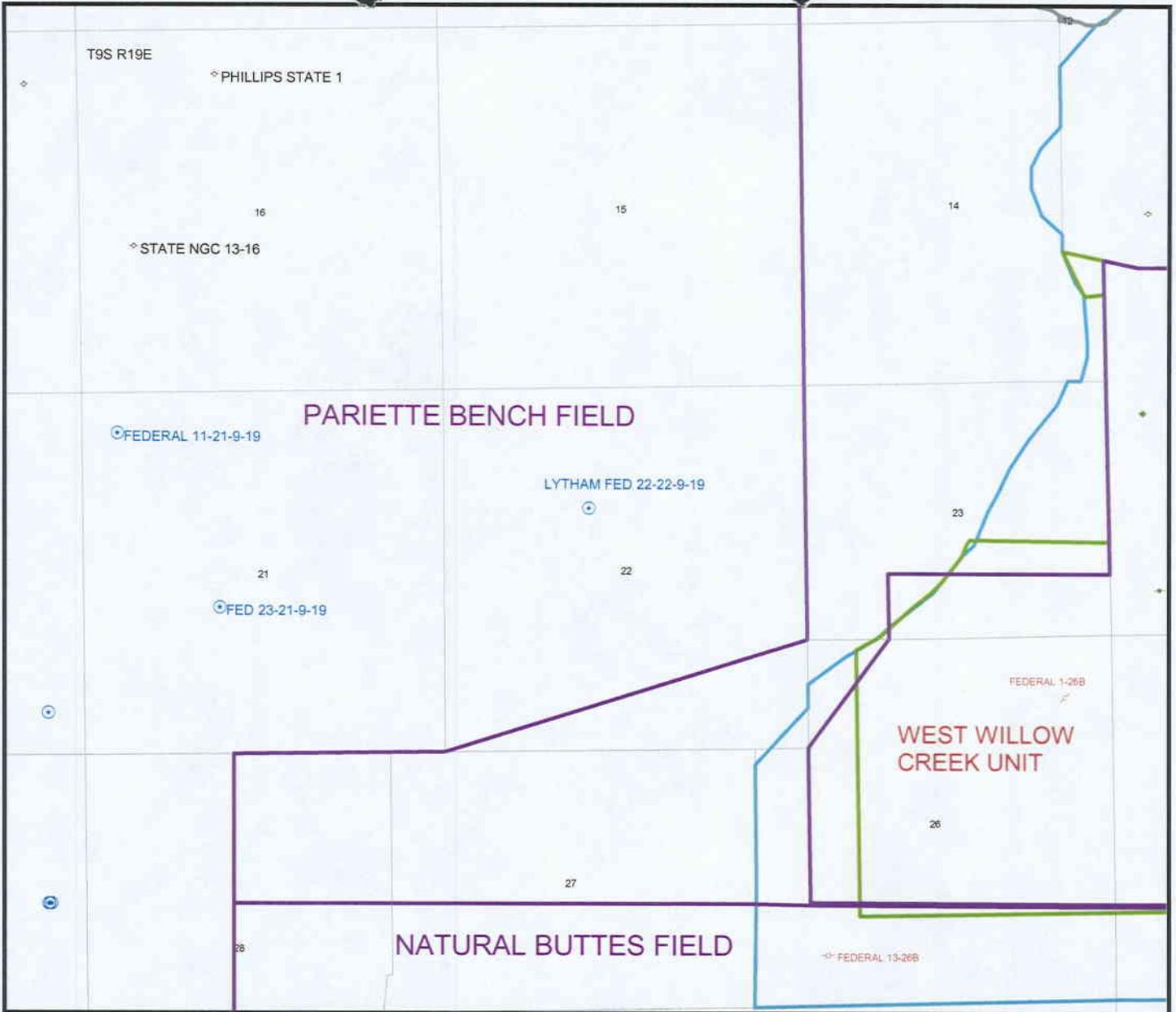
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4127759)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

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: Bim Approved 12-13-01

STIPULATIONS: 1- Federal approval
2- Spacing Slip

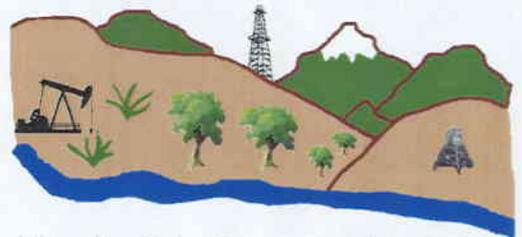


Operator Name: PANNONIAN ENERGY (N1815)

Sec. 21 T9S R19E

Field: PARIETTE BENCH (640)

County: UINTAH



Utah Oil Gas and Mining



Prepared By: D. Mason
Date: 10-June-2002

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Township.shp
- Sections

Well Status

- Gas Injection
- Gas Storage
- Location Abandoned
- Location
- Plugged
- Producing Gas
- Producing Oil
- Shut-In Gas
- Shut-In Oil
- Temporarily Abandoned
- Test Well
- Water Injection
- Water Supply
- Water Disposal

Unit Status

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



State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

20 May 2002

Attn: Lisha Cordova

Re; Latham Federal 22-22-9-19
Federal 11-21-9-19

Dear Lisha,

The purpose of this letter is to comply with your telephone request for Gasco to submit the enclosed Sundry Notices to rescind the referenced "reentry" well APD's. Please know that we could not re-enter due to the mechanics of the existing well boars. Gasco will move over a few feet on the existing pads and drill a new well.

If you have questions please call me toll free at 877-627-8637

Thank you,

A handwritten signature in cursive script that reads "Howard O. Sharpe".

Howard O. Sharpe
V.P.

RECEIVED
MAY 23 2002
DIVISION OF
OIL, GAS AND MINING

P.S. Pannonian Energy Inc. (a Delaware Corp.) is a wholly owned subsidiary of Gasco Energy, Inc (a Nevada Corp.)

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 - 78433

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

8. WELL NAME and NUMBER:

Federal 11-21-9-19

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

River bend

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.

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER _____

2. NAME OF OPERATOR:

Pannonian Energy (a wholly owned subsidiary of Gasco Energy, Inc.)

3. ADDRESS OF OPERATOR:

14 Inverness Dr. East CITY Englewood STATE CO ZIP 80112

PHONE NUMBER:

(303) 483-0044

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 577' FNL & 522, FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 21 T9S R19 E

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"/> 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>Update the APD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Please insert</u>

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

Please insert the attached pages to the APD.

NAME (PLEASE PRINT) Howard Sharpe

TITLE Vice President & Secretary

SIGNATURE

Howard Sharpe

DATE

(This space for State use only)

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DIVISION OF
OIL, GAS AND MINING

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JUL 11 2001

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-78433	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Pannonian Energy, Inc.		7. If Unit or CA Agreement, Name and No. N/A	
3A. Address 14 Inverness Dr. E., Englewood, CO 80112		8. Lease Name and Well No. Federal 11-21-9-19	
3b. Phone No. (include area code) (303) 483-0044		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 577' FNL & 522' FWL (NWNW) At proposed prod. Zone		10. Field and Pool, or Exploratory Riverbend	
14. Distance in miles and direction from nearest town or post office* Approximately 25.8 miles from Myton, Utah		11. Sec., T., R., M., or Blk, and Survey or Area Section 21-T9S-R19E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 522'	16. No. of Acres in lease 996.37	17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Map C	19. Proposed Depth 12,500	20. BLM/BIA Bond No. on file Utah BLM Bond No. 4127759	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4763' GL	22. Approximate date work will start* Upon Approval	23. Estimated duration 35 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall 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 shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Howard A Sharpe</i>	Name (Printed/Typed) Howard Sharpe	Date
Title Vice President		
Approved by (Signature) <i>Howard B Cleary</i>	Name (Printed/Typed)	Date 12/13/2001
Title Assistant Field Manager Mineral Resources	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 reverse)

NOTICE OF APPROVAL RECEIVED CONDITIONS OF APPROVAL ATTACHED

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DIVISION OF
OIL, GAS AND MINING

PANNONIAN ENERGY, INC.

**Federal 11-21-9-19
NWNW, Section 21-T9S-R19E
Uintah County, Utah
Lease No. UTU-78433**

DRILLING PLAN

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Formation	Depth (ft)	Hydrocarbon/Water Bearing Zones
Uintah	Surface	
Green River	1,933'	Gas/Oil
Wasatch	5,483'	Gas
Mesa Verde	8,800'	Gas
TD	12,500'	

All usable (<10,000 ppm TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All significant oil and gas shows will be tested to determine commercial potential. This information shall be reported to the Vernal BLM Office.

2. PRESSURE CONTROL EQUIPMENT:

All well control equipment shall be in accordance with Onshore Order #2 for 5M systems.

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram showing size, pressure ratings, testing procedures, and testing frequency.

5000# BOP With 4-1/2" Pipe Rams
5000# BOP With Blind Rams
5000# Annular

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Auxiliary equipment to be used:

- Upper kelly cocks with handle available.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure (utilizing a test plug) at:

- initial installation;
- whenever any seal subject to test pressure is broken;
- following related repairs;
- at 30 day intervals

The annular preventer will be pressure tested to 50 percent of the rated working pressure. All pressure tests shall be maintained at least ten minutes or until provisions of test are met, whichever is longer.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.

All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to open the HCR valve, close all rams plus the annular preventer, and retain 200 psi above pre-charge pressure without the use of closing unit pumps. The system will have two independent power sources to close the preventers in accordance with 5M system requirements outlined in Onshore Order #2.

Remote controls shall be readily accessible to the driller. Master controls shall be at the accumulator.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

Depth	Hole Size	Size	Grade	Weight	Thread	Condition
0-220'	17 1/2"	13 3/8"	H-40	48#/ft	ST&C	New
0-3,500	12-1/4"	9-5/8"	J-55	40#/ft	LT&C	New
0-TD	7-7/8"	4-1/2"	P-110	13.5#/ft	LT&C	New

The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradient, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics.

All casing, except conductor casing, shall be new or reconditioned and tested. Used casing shall meet or exceed API standards for new casing.

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The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing. If drive pipe is used, it may be left in place if its total length is less than twenty feet below the surface. If the total length of the drive pipe is equal to or greater than twenty feet, it will be pulled prior to cementing surface casing, or it will be cemented in place.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

The bottom three joints of the surface casing will have one centralizer per joint and one centralizer every fourth joint thereafter.

Casing design subject to revision based on geologic conditions encountered.

B. The proposed cementing program will be as follows:

Conductor String: Cement will be circulated to surface. Estimated volume (100% over theoretical value) 260 sxs Class "G", 3% CaCl₂ w/0.25 #/sx Flocele @ 15.6 ppg, 1.19 ft³/sx.

Surface String: Cement will be circulated to surface. Estimated volume (35% over theoretical value):

Lead: 465 sx Hifill @ 12.0 ppg, 2.87 ft³/sx.

Tail: 380 sx Class "G" 2% CaCl₂ @ 15.8 ppg, 1.16 ft³/sx.

Production String: Estimated volume (gauge hole + 15%):

Lead: 450 sx Hifill @ 11.0 ppg, 3.84 ft³/sx.

Tail: 1790 sx 50/50 POZ @ 14.35 ppg, 1.26 ft³/sx.

Actual volumes will be calculated and adjusted with caliper log prior to cementing. Ten percent excess will be pumped.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the casing shoe prior to drilling out.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The Vernal District BLM Office will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

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After cementing the surface pipe and/or any intermediate strings, but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the Driller's Log.

4. DRILLING FLUIDS PROGRAM:

Interval	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-400'	Spud	8.4 -9.0	30-45+	8.0	NC	Gel & lime as required.
400'-Top of Wasatch	Wtr/gel	8.4-8.8	27-35	8.5-9.0	NC	Min. Wt.
Top of Wasatch-TD	KCL Mud	8.5-11.2*	35-45	9.0-11.0	10-15cc @ TD	* Min Wt. to control formation pressure.

NC = no control

Sufficient quantities of mud material will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this 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 completing of this well.

5. EVALUATION PROGRAM:

Logs: DLLT/GR: TD to base surface casing
 SDL/DSN/GR/CAL: TD to 300' above Green River
 MRIL: TD to 100' above Wasatch
 (at operators discretion)

Cores: None anticipated.

DST's: None anticipated.

When cement has not been circulated to surface, the cement top will be determined by either a temperature survey or cement bond log. Should a temperature survey fail to locate the cement top, a cement bond log will be run. A field copy will be submitted to the Vernal BLM office.

Drill stem tests, if they are run, will adhere to the following requirements: MAY 23 2002

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Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the Authorized Officer. Closed chamber DST's may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

6. ABNORMAL CONDITIONS:

No anticipated abnormal pressures or temperatures are expected to be encountered. No hydrogen sulfide is expected.

Anticipated Maximum bottom-hole pressure is 6825 psi.

7. OTHER INFORMATION:

The anticipated starting date and duration of the operation will be as follows:

Starting Date:	Upon Approval
Duration:	35 Drilling Days & 20 Completion Days

If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted directly to the Authorized Officer or filed with Form 3160-4.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Deviations from the proposed drilling and/or workover program will be approved by the Authorized Officer. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

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OIL, GAS AND MINING

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders No. 1 and No. 2, and the approved Plan of Operations. The Operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

RECEIVED

MAY 23 2002

**DIVISION OF
OIL, GAS AND MINING**

003



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 11, 2002

Pannonian Energy Inc
14 Inverness Dr. East
Englewood CO 80112

Re: Federal 11-21-9-19 Well, 577' FNL, 522' FWL, NW NW, Sec. 21, T. 9 South, R. 19 East, Uintah 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 43-047-34608.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Baza".

for John R. Baza
Associate Director

pb
Enclosures

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

Operator: Pannonian Energy Inc
Well Name & Number Federal 11-21-9-19
API Number: 43-047-34608
Lease: UTU-78433

Location: NW NW Sec. 21 T. 9 South R. 19 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.

Form 9

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

004

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 -- for such proposals		6. Lease Designation and Serial Number UTU-78433
		7. Indian Allottee or Tribe Name N/A
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		8. Unit or Communitization Agreement N/A
2. Name of Operator Pannonian Energy, Inc.		9. Well Name and Number Federal #11-21-9-19
3. Address of Operator 14 Inverness Drive East, Suite #H236, Englewood, CO 80112	4. Telephone Number 303/483-0044	10. API Well Number 43 02-047-34608
5. Location of Well Footage : 577' FNL and 522' FWL County : Utah QQ, Sec, T., R., M. : NW NW Sec. 21, T9S - R19E State : Utah		11. Field and Pool, or Wildcat Riverbend

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

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other <u>Request 1 year extension of APD</u>	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Pannonian Energy, Inc. requests a one year extension of the subject APD.

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 08-28-03
By: [Signature]

COPY SENT TO OPERATOR
Date: 8/28/03
Initials: [Signature]

14. I hereby certify that the foregoing is true and correct.
Name & Signature [Signature] Title **Consultant for Pannonian Energy, Inc.** Date **08/26/03**
(State Use Only)

RESET

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

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

API: 43
12-047-34608
Well Name: Federal #11-21-9-19
Location: NW NW Sec. 21, T9S - R19E
Company Permit Issued to: Pannonian Energy, Inc.
Date Original Permit Issued: 6/11/2002

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

8/18/2003

Date

Title: Land Manager

Representing: Pannonian Energy, Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 20 2003
By

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

005

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-78433
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Pannonian Energy, Inc.		7. If Unit or CA Agreement, Name and No. N/A
3. Name of Agent		8. Lease Name and Well No. Federal #11-21-9-19
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 577' FNL and 522' FWL At proposed prod. zone NW NW		9. API Well No. 43-047-34608
14. Distance in miles and direction from nearest town or post office* Approximately 25.8 miles southeast of Myton, UT		10. Field and Pool, or Exploratory Riverbend
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 522'	16. No. of Acres in lease 996.37	11. Sec., T., R., M., or Blk, and Survey or Area Sec. 21, T9S-R19E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. None	19. Proposed Depth 12,500'	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4763' GL	20. BLM/BIA Bond No. on file Utah BLM Bond No. UT-1233	13. State UT
22. Approximate date work will start* Upon Approval		23. Estimated duration 35 Days

24. Attachments

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

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, SUPO shall be filed with the appropriate Forest Service Office. | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized office. |
|---|--|

CONFIDENTIAL-TIGHT HOLE

25. Signature <i>Darrell Finneman</i>	Name (Printed/Typed) Darrell Finneman	Date 8/18/2003
Title Land Manager for Pannonian Energy, Inc.		
Approved by (Signature) <i>Thomas B. Leary</i>	Name (Printed/Typed) Thomas B. Leary	Date 10/24/2003
Title Assistant Field Manager	Office Mineral Resources	

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.

NOTICE OF APPROVAL

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 reverse)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

OCT 29 2003

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: PANNONIAN ENERGY INC.

Well Name & Number: FEDERAL 11-21-9-19

API Number: 43-047-34608

Lease Number: UTU - 78433

Location: NWNW Sec. 21 TWN: 09S RNG: 19E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands encountered to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 9 5/8" X 13 3/8" annulus.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the surface casing shoe proposed at 3,500 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 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 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.
All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO 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 will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

- The location topsoil pile shall be windrow as shown on the cut sheet.
- The reserve pit topsoil should be piled separate from the location topsoil.
- The reserve pit shall be lined with a felt liner prior to installing a nylon reinforced plastic liner. The plastic liner shall be of at least 12 mils in thickness.
- The location topsoil pile will be seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The following seed mix shall be used for seeding the topsoil, reserve pit, and for final reclamation:

Gardner saltbush	Atriplex gardneri	3 lbs/acre
Shadscale	Atriplex confertifolia	3 lbs/acre
Indian ricegrass	Oryzopsis hymenoides	2 lbs/acre
Galleta grass	Hilaria jamesii	4 lbs/acre

- All poundages are in Pure Live Seed.
- Topsoil will not be used for the construction of tank dikes or any other location needs. It shall be left in place for use in the final reclamation process.**
- Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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

006

5. Lease Serial No.	UTU-78433
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.	Federal 11-21-9-19
9. API Well No.	43 32-047-34608
10. Field and Pool, or Exploratory Area	Riverbend
11. County or Parish, State	Uintah County, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Pannonian Energy, Inc. (a wholly-owned subsidiary of GASCO ENERGY)	
3a. Address 14 Inverness Drive E., Ste. H-236, Englewood, CO 801	3b. Phone No. (include area code) 303-483-0044
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 522' FWL & 577' FNL (NWNW) Section 21, T9S-R19E	

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 checked="" type="checkbox"/> Other <u>Correct APD Plat</u>
	<input 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 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 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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.

The wrong survey plat was inadvertently attached to the APD approved 10/21/03. The attached plat, photo's, and survey information were for an adjacent re-entry location at 599' FWL & 699' FNL. Attached to this sundry notice are the correct plat, photo's, and survey information for the location at 522' FWL & 577' FNL, Sec 21, T9S, R19E

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) John Longwell	Title Operations Manager
Signature 	Date February 16, 2004

THIS SPACE FOR FEDERAL OR STATE 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	Office	

Title 18 U.S.C. Section 1001, 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 reverse)

RECEIVED

FEB 20 2004

DIV. OF OIL, GAS & MINING

PANNONIAN ENERGY, INC.

FEDERAL #11-21-9-19

LOCATED IN UINTAH COUNTY, UTAH

SECTION 21, T9S, R19E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF RECLAIMED ROAD

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

6

12

01

PHOTO

MONTH

DAY

YEAR

TAKEN BY: S.H.

DRAWN BY: K.G.

REVISED: 11-13-01

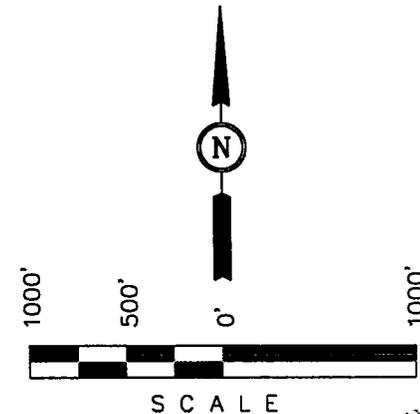
T9S, R19E, S.L.B.&M.

PANNONIAN ENERGY, INC.

Well location, FEDERAL #11-21-9-19, located as shown in the NW 1/4 NW 1/4 of Section 21, T9S, R19E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 21, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4749 FEET.



CERTIFICATE

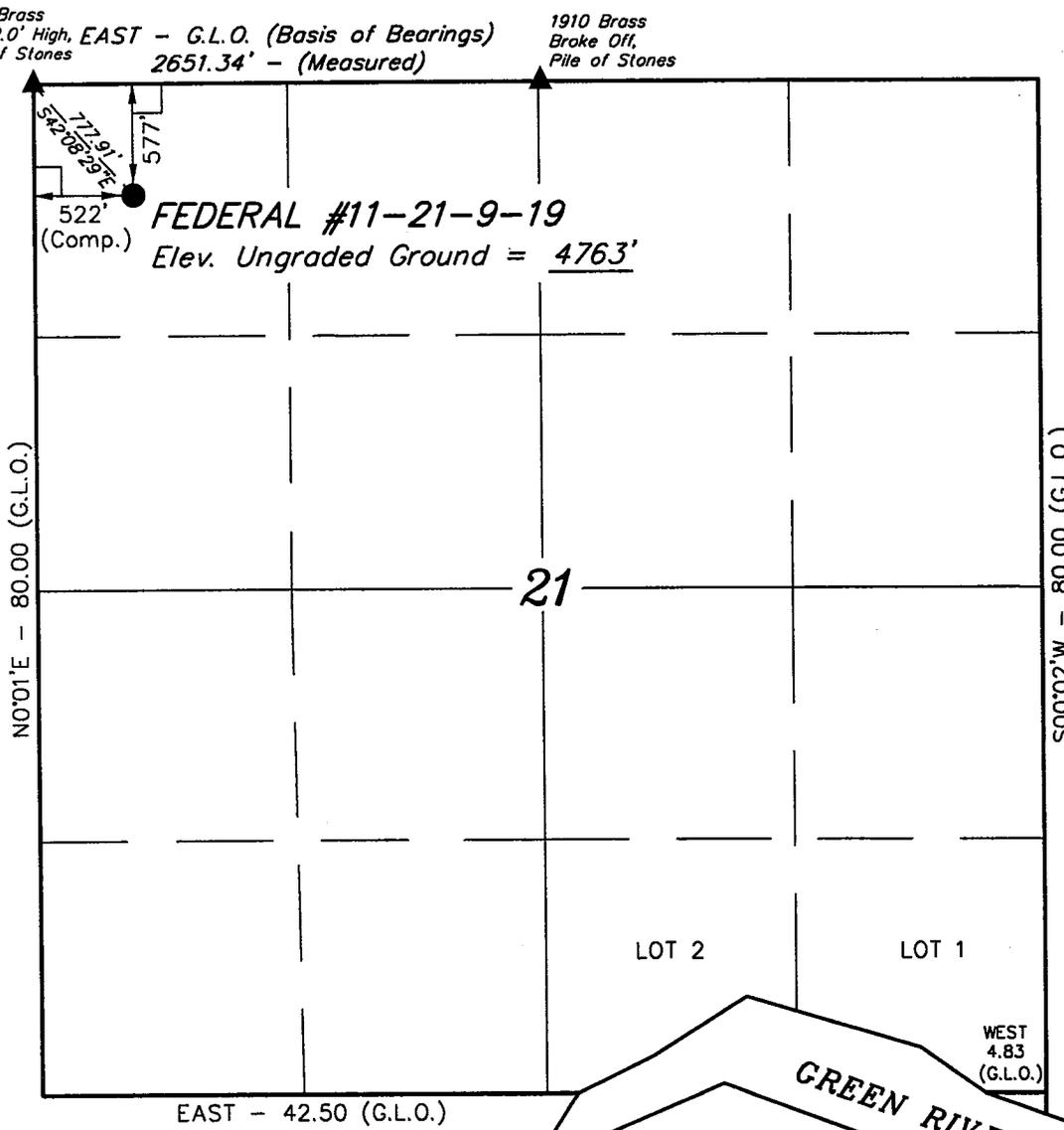
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 19719
 STATE OF UTAH

REVISED: 11-19-01 D.COX

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

SCALE 1" = 1000'	DATE SURVEYED: 6-2-01	DATE DRAWN: 6-11-01
PARTY D.A. P.M. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE PANNONIAN ENERGY, INC.	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

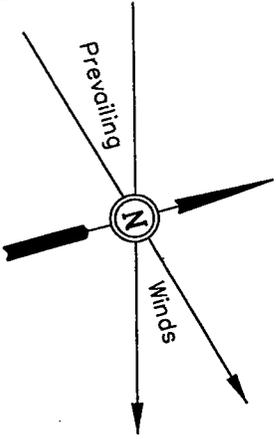
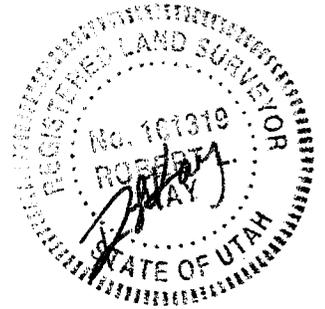
LATITUDE = 40°01'19"
 LONGITUDE = 109°47'32"

PANNONIAN ENERGY, INC.

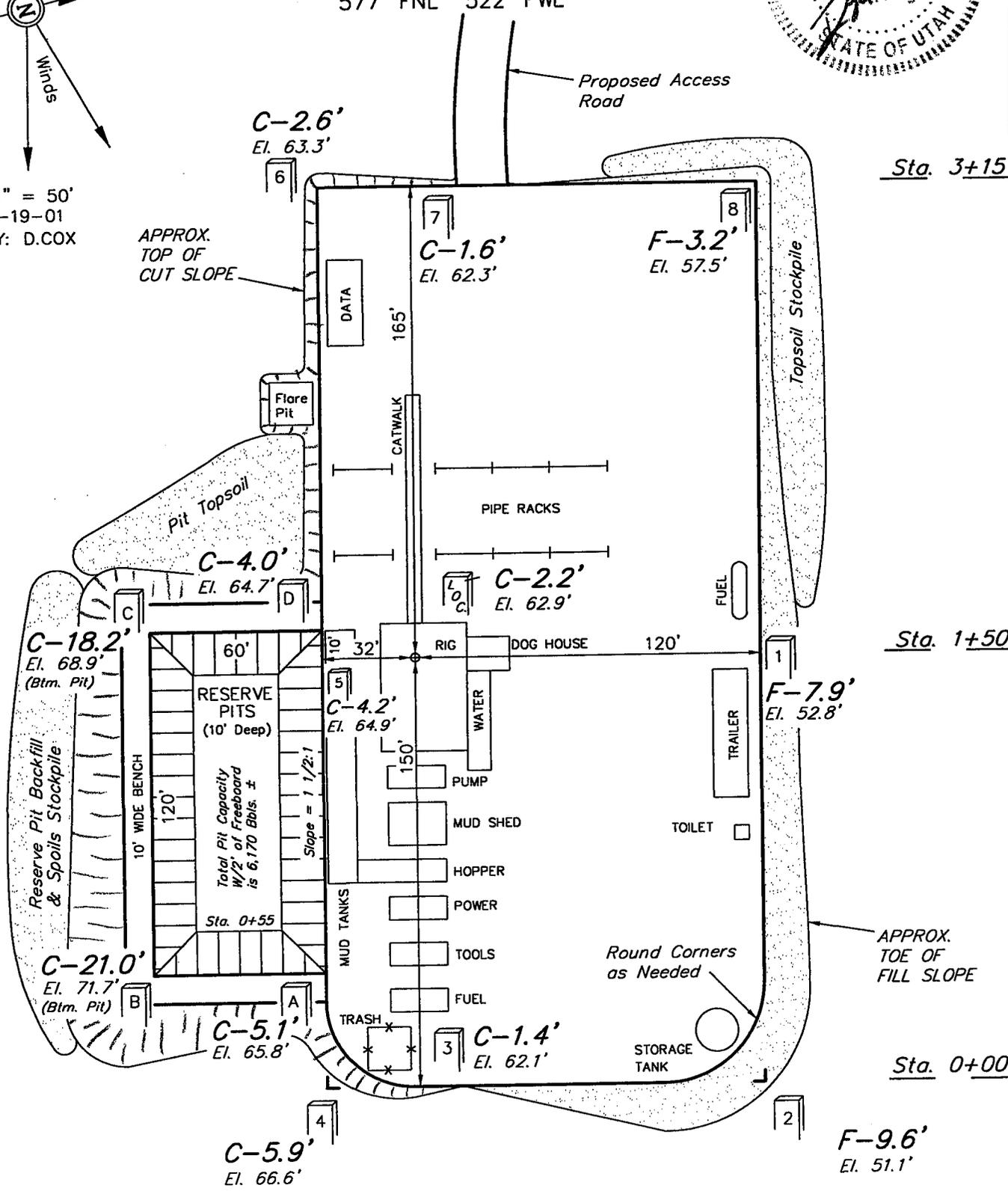
LOCATION LAYOUT FOR

FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.

577' FNL 522' FWL



SCALE: 1" = 50'
DATE: 11-19-01
DRAWN BY: D.COX



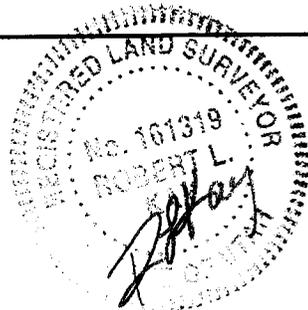
Elev. Ungraded Ground at Location Stake = 4762.9'
Elev. Graded Ground at Location Stake = 4760.7'

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

PANNONIAN ENERGY, INC.

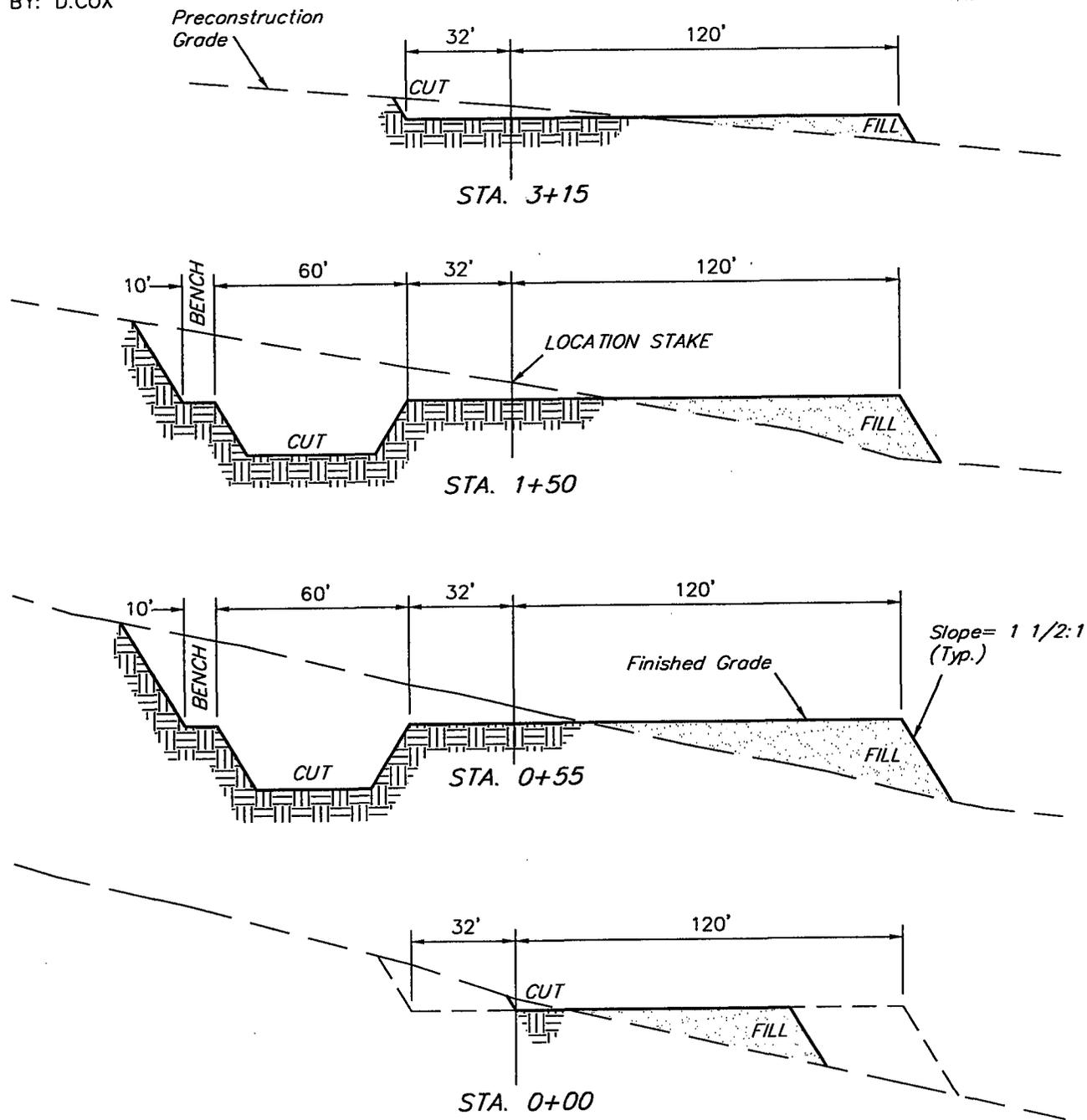
TYPICAL CROSS SECTION FOR

FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL



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

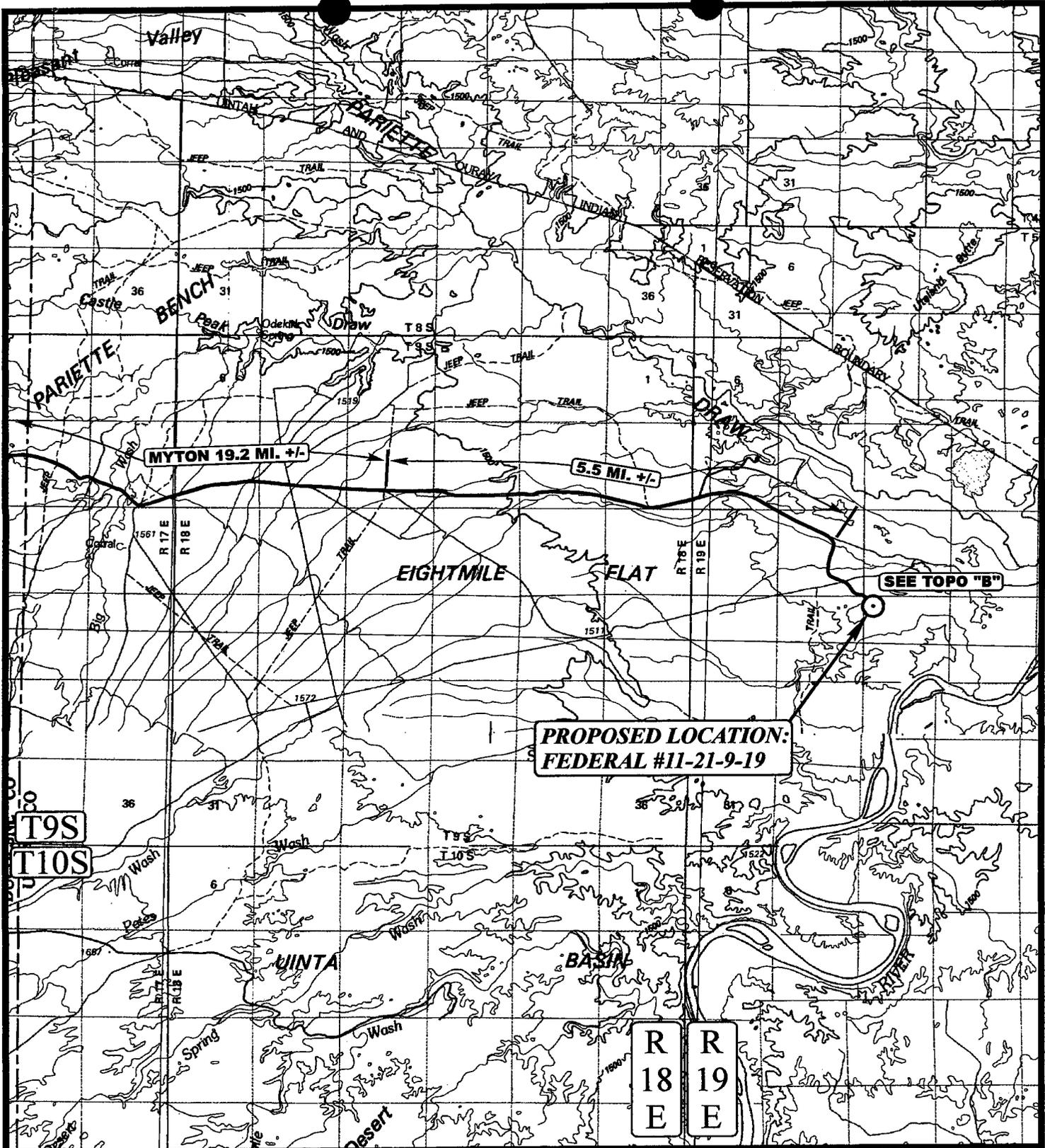
DATE: 11-19-01
DRAWN BY: D.COX



APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,070 Cu. Yds.
Remaining Location	=	5,820 Cu. Yds.
TOTAL CUT	=	6,890 CU.YDS.
FILL	=	4,680 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	1,960 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,960 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



**PROPOSED LOCATION:
FEDERAL #11-21-9-19**

SEE TOPO "B"

MYTON 19.2 MI. +/-

5.5 MI. +/-

LEGEND:

○ PROPOSED LOCATION

PANNONIAN ENERGY, INC.

**FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL**



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



**TOPOGRAPHIC
MAP**

6 12 01
MONTH DAY YEAR

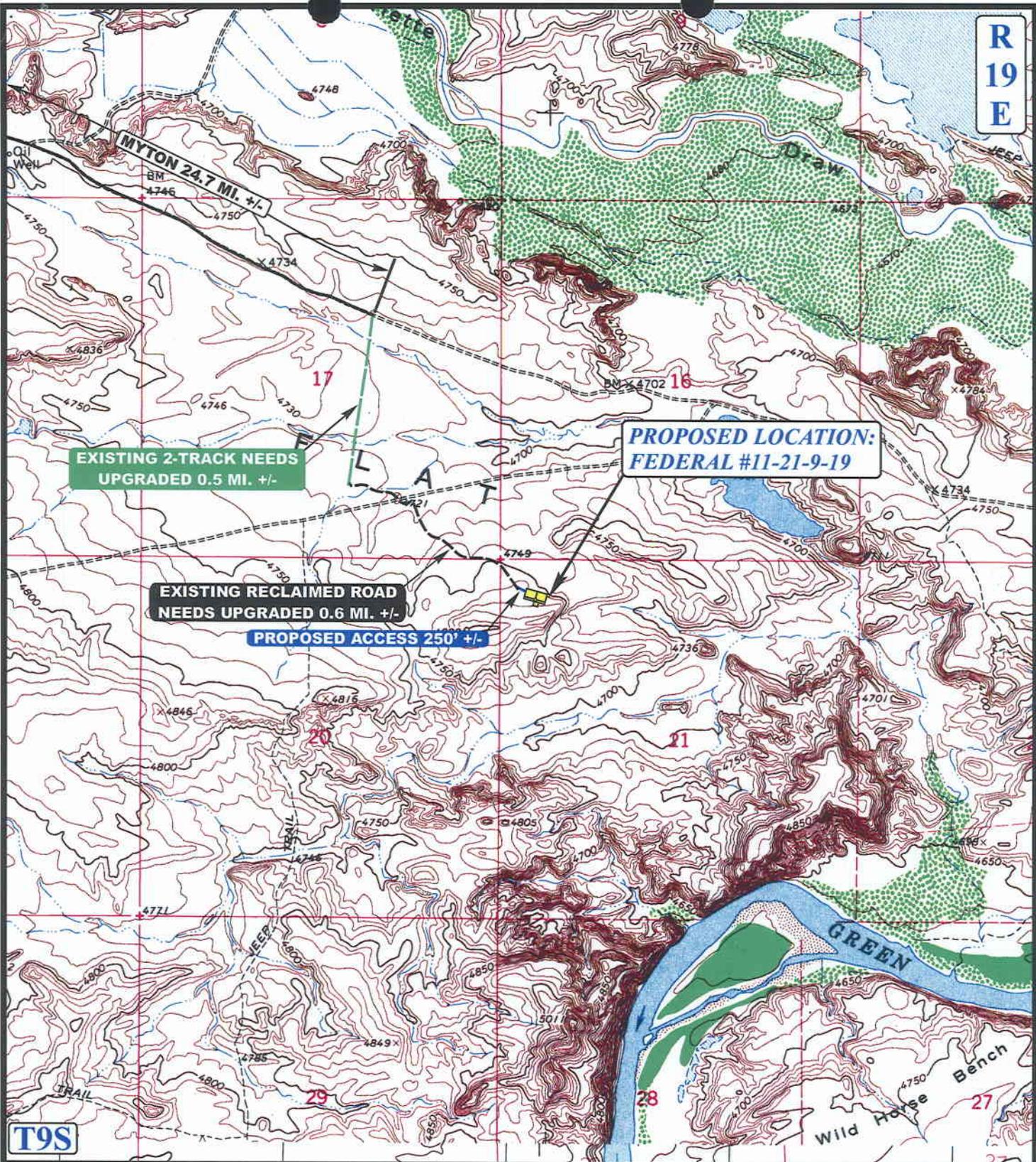
SCALE: 1:100,000

DRAWN BY: K.G.

REVISED: 11-13-01

A
TOPO

R
19
E



T9S

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING ROAD

PANNONION ENERGY, INC.

FEDERAL #11-21-9-19
 SECTION 21, T9S, R19E, S.L.B.&M.
 577' FNL 522' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
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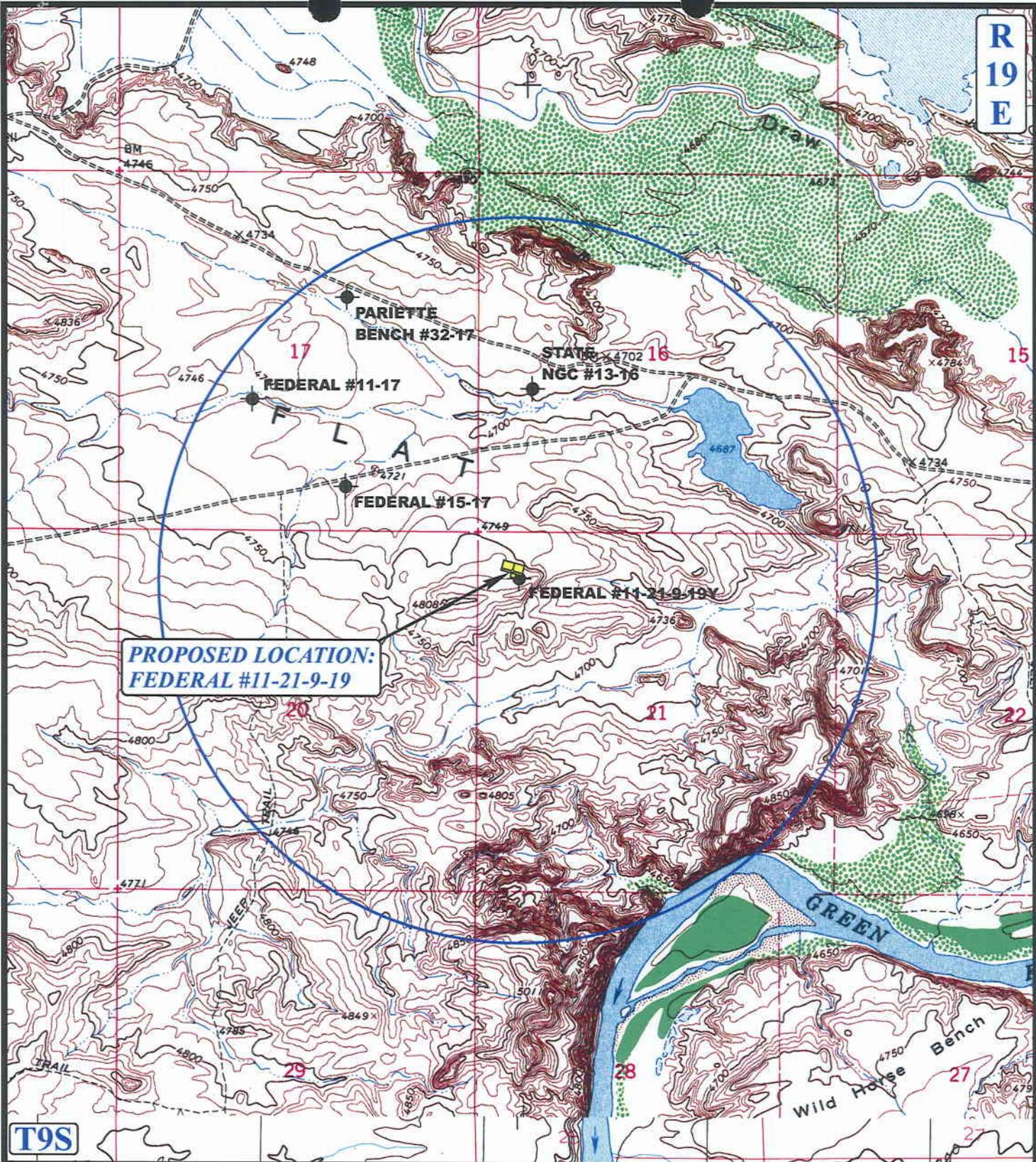
**TOPOGRAPHIC
 MAP**

6 12 01
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 11-13-01



R
19
E



**PROPOSED LOCATION:
FEDERAL #11-21-9-19**

T9S

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



PANNONION ENERGY, INC.

**FEDERAL #11-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
577' FNL 522' FWL**



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

TOPOGRAPHIC MAP **6 12 01**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 11-13-01



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

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Federal 11-21-G-19
API number:	43-047 - 3460E
Location:	Q1 or NW1/4 Section 21 Township 9S Range 19E
Company that filed original application:	Pannanian Energy, Inc.
Date original permit was issued:	8/22/03
Company that permit was issued to:	Pannanian Energy, Inc.

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, 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.	Yes	No
If located on private land, has the ownership changed? <u>N/A</u>		
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
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?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>4127763 UT1233</u>	<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Mark J. Gray Title Land Manager **RECEIVED**
 Signature Mark J. Gray Date 4/20/04 **APR 22 2004**
 Representing (company name) Casco Production Company **DIV. OF OIL, GAS & MINING**

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

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:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: see attached list
2. NAME OF OPERATOR: Gasco Production Company N2575		9. API NUMBER:
3. ADDRESS OF OPERATOR: 114 Inverness Dr. East CITY Englewood STATE CO ZIP 80112		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ 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"/> 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: name change
	<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.

Pannonian Energy, Inc. changed its name to Gasco Production Company effective February 24, 2004
N1815

BLM Bond = UT1233
SITLA Bond = 4127764

RECEIVED
APR 22 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mark J. Choury	TITLE Land Manager
SIGNATURE	DATE 4/20/04

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

007

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **2/24/2004**

FROM: (Old Operator): N1815-Pannonian Energy, Inc. 114 Inverness Dr E Englewood, CO 80112 Phone: 1-(303) 483-0044	TO: (New Operator): N2575-Gasco Production Company 114 Inverness Dr E Englewood, CO 80112 Phone: 1-(303) 483-0044
--	---

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
K GATE CYN 31-21-11-15	21	110S	150E	4301332391	✓ 13787	State	GW	DRL	C
K GATE CYN 41-20-11-15	20	110S	150E	4301332475		State	GW	APD	
K WILKIN RIDGE STATE 12-32-10-17	32	100S	170E	4301332447	✓ 14033	State	GW	DRL	C
K STATE 24-16-9-19	16	090S	190E	4304735588		State	GW	NEW	C
o FED 23-21-9-19	21	090S	190E	4304734199	✓ 13601	Federal	GW	P	
K FED 11-21-9-19	21	090S	190E	4304734608		Federal	GW	APD	
K FED 42-21-9-19	21	090S	190E	4304735405		Federal	GW	APD	C
K FEDERAL 31-21-9-19	21	090S	190E	4304735606		Federal	GW	APD	C
K LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	✓ 13640	Federal	GW	P	
K FED 11-22-9-19	22	090S	190E	4304735404		Federal	GW	APD	C
o FEDERAL 23-29 #1	29	090S	190E	4304734111	✓ 13441	Federal	GW	P	
o FED 42-29-9-19	29	090S	190E	4304734202	✓ 13455	Federal	GW	P	
K FEDERAL 43-30-9-19	30	090S	190E	4304735343		Federal	GW	APD	C
o FED 32-31-9-19	31	090S	190E	4304734201	✓ 13641	Federal	GW	P	
o FEDERAL 24-31-9-19	31	090S	190E	4304735623		Federal	GW	NEW	C
K FEDERAL 41-31-9-19	31	090S	190E	4304735624		Federal	GW	APD	C
K FEDERAL 21-6-10-19	06	100S	190E	4304734813		Federal	GW	LA	C
K FED 22-30-10-18	30	100S	180E	4304734924		Federal	GW	APD	C
o LAFKAS FED 1-3	03	110S	200E	4304731178	✓ 1367	Federal	GW	S	
o WILLOW CREEK UNIT 2	05	110S	200E	4304731818	✓ 11604	Federal	GW	TA	
o HILL FEDERAL 1-10	10	110S	200E	4304731026	✓ 1368	Federal	GW	TA	

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: 4/22/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/22/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 4/21/2004
- Is the new operator registered in the State of Utah: YES Business Number: ***
- If **NO**, the operator was contacted on: *** 4/21/2004

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **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 in process BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: in process

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has 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:

- 1. Changes entered in the **Oil and Gas Database** on: 4/29/2004
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/29/2004
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A
- 5. Injection Projects to new operator in RBDMS on: n/a
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 4/22/2004

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 4127764

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 4127759

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 4127765

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** 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:

This is a corporate name change within the same corporation and it's subsidiaries

WELL NAME	API #	LOCATION	COUNTY	Status
Federal 23-29 #1	43-047-34111	NESW, Sec. 29, T9S, R19E	Uintah	P
Federal 42-29-9-19	43-047-34202	SENE, Sec. 29, T9S, R19E	Uintah	P
Lytham Federal 22-22-9-19	43-047-34607	SENW, Sec. 22, T9S, R19E	Uintah	P
Federal 32-31-9-19	43-047-34201	SWNE, Sec. 31, T9S, R19E	Uintah	P
Alger Pass Unit #1	43-047-31824	SWNE, Sec. 2, T11S, R19E	Uintah	P
Gate Canyon State 31-21-11-15	43-013-32391	NWNE, Sec. 21, T11S, R15E	Duchesne	DRL
Wilkin Ridge State 12-32-10-17	43-013-32447	SWNW, Sec. 32, T10S, R17E	Duchesne	DRL
Willow Creek # 2	43-047-31818	SESW, Sec. 5, T11S, R20E	Uintah	TA
Hill Federal #1-10	43-047-31026	NESW, Sec. 10, T11S, R20E	Uintah	TA
Federal 23-21-9-19	43-047-34199	NESW, Sec. 21, T9S, R19E	Uintah	P
Federal 43-30-9-19	43-047-35343	NESE, Sec. 30, T9S, R19E	Uintah	APD
Gate Canyon State 41-20-11-15	43-013-32475	NENE, Sec. 20, T11S, R15E	Duchesne	APD
Federal 11-21-9-19	43-047-34608	NWNW, Sec. 21, T9S, R19E	Uintah	APD
Federal 11-22-9-19	43-047-35404	NWNW, Sec. 22, T9S, R19E	Uintah	APD
Federal 22-30-10-18	43-047-34924	SENW, Sec. 30, T10S, R18E	Uintah	APD
State 24-16-9-19	43-047-35588	SESW, Sec. 16, T9S, R19E	Uintah	NEW
Lafkas Federal 1-3	43-0473-31178	SWSW, Sec. 3, T11S, R20E	Uintah	S
Federal 21-6-9-19	43-047-34813	NENW, Sec. 6, T9S, R19E	Uintah	APD
Federal 42-21-9-19	43-047-35405	SENE, Sec. 21, T9S, R19E	Uintah	APD
Federal 31-21-9-19	43-047-35606	NWNE, Sec. 21, T9S, R19E	Uintah	APD
Federal 41-31-9-19	43-047-35624	NENE, Sec. 31, T9S, R19E	Uintah	APD
Federal 24-31-9-19	43-047-35623	SESW, Sec. 31, T9S, R19E	Uintah	NEW
Wilkin Ridge Federal 34-17-10-17	43-013-32560	SWSE, Sec. 17, T10S, R17E	Duchesne	APD

RECEIVED
APR 30 2004
DIV. OF OIL, GAS & MIN.

well tie

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

FORM 6

008

ENTITY ACTION FORM

Operator: Gasco Production Co.(Formerly Pannonian Energy)

Operator Account Number: N 2575

Address: 14 Inverness Dr. E. Suite H-236

city Englewood

state CO zip 80112

Phone Number: (303) 483-0044

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304734169	Federal 44-20-9-19	SESE	20	9S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	14140	4/9/2004		5/5/04	
Comments: New Well <i>MNCS</i>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304734168	Federal 24-20-9-19	SESW	20	9S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	14150	4/26/2004		5/13/04	
Comments: New Well <i>MNCS</i>						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
3204734608	Federal 11-21-9-19	NWNW	21	9S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	14151	4/23/2004		5/13/04	
Comments: <i>WSMVD</i>						

RECEIVED

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)

[Signature]

Name (Please Print)

Signature

Title

Date

MAY 04 2004

DIV. OF OIL, GAS & MINING

009

T095 R19E S-21
43-047-34608

SCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

- 4/7/04 Huffman Enterprises building rd into loc. (SCE)
- 4/12/04 Rd work 90% finished. MI D-8 cat to build loc. (SCE)
- 4/15/04 Loc finished and still working on reserve pit. Haven't had to blast to build loc. (SCE)
- 4/20/04 Finishing loc and pit today. Had to blast bottom of pit to get deep enough. (SCE)
- 4/23/04 MIRU Craig's Roustabout rathole rig. Spudded well 9:00 AM 4/22/04. Ran 17 ¼' hammer bit and air/foam drilled to conductor TD 230'. SDFN. (SCE)
- 4/24/04 RIH w/ guide shoe + 5 jts 13 3/8" 54.5# ST&C csg, to 223' GL. RU Halliburton. cmt'ed csg back to surface w/ 210 sx Class "A" regular cmt. Approx 10 bbls cmt returns to pit. SWIFN to let cmt set.**
- 4/25/04 RIH w/ 12 ¼" bit. Pre drilled hole to 805'. Drilled rat and mouse hole. RDMOL. (SCE)
- 5/8/04 Start moving Nabors rig 924 to location.
- 5/8/04 thru 5/11/04 Continue moving rig 924 and rigging up same.
- 5/12/04 Raised Derrick, rig totally on location. Replaced both shale shakers with rebuilt matching linear shakers. Rebuild choke manifold and replace worn out parts.

T095 R19E S-21
43-049-34608

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

011

Well: FED. 11-21-9-19		OPR:			Date: 5/14/2004	Days: 1
Depth: 876'	Prog: 220	D Hrs: 3	AV ROP: 73	Formation:		
DMC: \$	TMC: \$		TDC: \$	\$ 24,825	CWC: \$	\$ 197,908
Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	INTANGIBLE	
MW: water	Liner: 6 1/2	Bit #: 1	Conductor:	Rig Move:	\$ -	
VIS:	Stroke: 10	S/N: 15998	Surf. Csg: \$ -	Location:	\$ -	
PV/YP:	SPM:	Size: 12 1/4	Int. Csg: \$ -	Rig Cost:	\$ 11,000	
Gel:	Press:	MFG: J-Z	Prod Csg: \$ -	BHA:	\$ -	
ph:	GPM:	Type: HTJ-537	Float Equip: \$ -	Cement:	\$ -	
WL:	NV:	Jets: 20-Mar	Well Head: \$ -	Mud Logger:	\$ -	
Cake:	AV:	In: 656	TBG/Rods: \$ -	Water:	\$ -	
Sand:	Dev:	Out:	Packers: \$ -	Bits / Corehead:	\$ 8,000	
Solids:		FTG: 220	Tanks: \$ -	Rental Tools:	\$ 1,000	
Chls:		Hrs: 3	Separator: \$ -	Corrosion:	\$ -	
Pf/Mf:		FPH: 73	Heater: \$ -	Consultant:	\$ 825	
Dapp ppb:		T/B/G:	Pumping L/T: \$ -	Drilling Mud:	\$ -	
Ca:		WOB: 25	Prime Mover: \$ -	Misc. / Labor:	\$ 1,000	
Time Break Down:		RPM:	Misc: \$ -	Mud Motors:	\$ 3,000	
START	END	TIME	BHA:	Daily Total: \$ -	Daily Total: \$24,825	
6:00	15:00	9:00	RIG UP	Cum. Wtr:	\$ 3,552	
15:00	19:00	4:00	PICK UP BHA	Cum. Fuel		
19:00	2:00	7:00	WASH F/315' T/656' - TD FROM AIR RIG	Cum. Bits:	\$ 8,000	
2:00	2:30	0:30	DRLG. F/656' T/730'	Rot. Hrs:	3	
2:30	3:30	1:00	SURVEY @ 670' 1 Deg.			
3:30	6:00	2:30	DRLG. F/730' T/876'			
P/U	LITH:			TRIP GAS		
S/O				CONN		
ROT.				BKG GAS		
	S.L. SEELY			PEAK GAS		

T095 R 19E S-21
43-047-34608

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

012

Well: FED. 11-21-9-19		OPR: DRLG.		Date: 5/15/2004		Days: 2	
Depth: 1925'		Prog: 1049		D Hrs: 22.5		AV ROP: 46.6	
DMC: \$ 2247		TMC: \$ 2247		TDC: \$ 30,015		CWC: \$ 227,923	
Contractor: Nabors # 924			Mud Co: M-I			TANGIBLE	
Contractor: Nabors # 924			Mud Co: M-I			INTANGIBLE	
MW: Water	Liner: 6 1/2	Bit #: 1	Conductor:		Rig Move: \$ -		
VIS:	Stroke: 10	S/N: 15998	Surf. Csg: \$ -		Location: \$ -		
PV/YP:	SPM: 200	Size: 12 1/4	Int. Csg: \$ -		Rig Cost: \$ 11,000		
Gel:	Press: 2100	MFG: J-Z	Prod Csg: \$ -		Fuel: \$ 11,248		
ph:	GPM: 860	Type: HTJ-537	Float Equip: \$ -		Cement: \$ -		
WL:	JV: 300	Jets: 20-Mar	Well Head: \$ -		Mud Logger: \$ -		
Cake:	AV: 146/163	In: 656"	TBG/Rods: \$ -		Water: \$ -		
Sand:	Dev: 0 @ 1173	Out:	Packers: \$ -		Bits / Corehead: \$ -		
Solids:	Dev: 3/4 @ 1736	FTG: 1269	Tanks: \$ -		Rental Tools: \$ 1,000		
Chis:		Hrs: 25 1/2	Separator: \$ -		Corrosion: \$ 85		
Pt/Mt:		FPH: 49.76	Heater: \$ -		Consultant: \$ 825		
Dapp ppb:		T/B/G:	Pumping L/T: \$ -		Drilling Mud: \$ 2,247		
Ca:		WOB: 45	Prime Mover: \$ -		Misc. / Labor: \$ 610		
Time Break Down:			RPM: 80/135	Misc: \$ -		Mud Motors: \$ 3,000	
START	END	TIME	BHA: 838'	Daily Total: \$ -		Daily Total: \$30,015	
6:00	6:30	0:30	RIG SERVICE			Cum. Wtr: \$ 3,552	
6:30	15:30	9:00	DRLG. F/876' T/1206' 330' 36.7 fph (DRLG. With 1 Pump)			Cum. Fuel: \$ 11,248	
15:30	16:00	0:30	SURVEY @ 1173' 0 Deg.			Cum. Bits: \$ 8,000	
16:00	2:30	10:30	DRLG. F/1206' T/1785' 579' 55.1 fph			Rot. Hrs:	
2:30	3:00	0:30	SURVEY @ 1736' 3/4 Deg.				
3:00	6:00	3:00	DRLG. F/1785' T/1925' 140' 46.7 fph				
P/U			LITH:			TRIP GAS	
S/O						CONN	
ROT.						BKG GAS	
						PEAK GAS	

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J09S R19E S21
4304N-34608

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

013

Well: FED. 11-21-9-19		OPR: DRLG.		Date: 5/16/2004		Days: 3	
Depth: 3134'		Prog: 1209		D Hrs: 22 1/2		AV ROP: 53.7	
DMC: \$1,469		TMC: \$3,716		TDC: \$19,351		CWC: \$247,274	
Formation: Surface		Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	
INTANGIBLE		MW: Water		Liner: 6 1/2		Bit #: 1	
Conductor:		Rig Move: \$ -		VIS: Stroke: 10		S/N: 15998	
Surf. Csg: \$ -		Location: \$ -		PV/YP: SPM: 200		Size: 12 1/4	
Int. Csg: \$ -		Rig Cost: \$ 11,000		Gel: Press: 2100		MFG: J-Z	
Prod Csg: \$ -		Fuel: \$ -		ph: GPM: 860		Type: HTJ-537	
Float Equip: \$ -		Cement: \$ -		WL: NV: 300		Jets: 3 / 15s	
Well Head: \$ -		Mud Logger: \$ -		Cake: AV: 146/163		In: 656	
TBG/Rods: \$ -		Water: \$ -		Sand: Dev: 1 @ 2175		Out:	
Packers: \$ -		Bits / Corehead: \$ -		Solids: Dev: 1 @ 2677		FTG: 2478	
Tanks: \$ -		Rental Tools: \$ 1,000		Chls: Hrs: 48		FPH: 51.6	
Separator: \$ -		Corrosion: \$ 85		P/I/Mf: T/B/G:		Pumping LT: \$ -	
Heater: \$ -		Consultant: \$ 825		Dapp ppb: WOB: 45/50		Prime Mover: \$ -	
Drilling Mud: \$ 1,469		Misc. / Labor: \$ 1,972		Ca: RPM: 80/130		Misc: \$ -	
Mud Motors: \$ 3,000		Daily Total: \$ -		Time Break Down:		Daily Total: \$19,351	
BHA:		START		END		TIME	
DRLG. F/1925' T/2207' 282' 51.3 fph		6:00		11:30		5:30	
SURVEY @ 2175' 1 Deg.		11:30		12:00		0:30	
DRLG. F/2207' T/2538' 331' 60.2 fph		12:00		17:30		5:30	
RIG SERVICE		17:30		18:00		0:30	
DRLG. F/2538' T/2727' 189' 54 fph		18:00		21:30		3:30	
SURVEY @ 2677' 1 Deg.		21:30		22:00		0:30	
		22:00		6:00		8	
P/U		LITH:		TRIP GAS			
S/O				CONN			
ROT.				BKG GAS			
				PEAK GAS			

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T099 R19E S-21
43049-34608

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

014

Well: FED. 11-21-9-19		OPR: Fishing			Date: 5/17/2004	Days: 4
Depth: 3497'	Prog: 363	D Hrs: 12 1/2	AV ROP: 29	Formation: Surface		
DMC: \$812		TMC: \$4,528		TDC: \$17,507	CWC: \$264,781	
Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	INTANGIBLE	
MW: Water	Liner: 6 1/2	Bit #: 1		Conductor:	Rig Move:	\$ -
VIS:	Stroke: 10	S/N: 15998		Surf. Csg: \$ -	Trucking:	\$ 390
PV/YP:	SPM: 200	Size: 12 1/4		Int. Csg: \$ -	Rig Cost:	\$ 11,000
Gel:	Press: 2100	MFG: J-Z		Prod Csg: \$ -	Fuel:	\$ -
ph:	GPM: 860	Type: HTJ-537		Float Equip: \$ -	Cement:	\$ -
WL:	NV: 300	Jets: 3 / 15s		Well Head: \$ -	Mud Logger:	\$ -
Cake:	AV: 146/163	In: 656		TBG/Rods: \$ -	Water:	\$ 395
Sand:	Dev: 1 1/4 3155'	Out:		Packers: \$ -	Bits / Corehead:	\$ -
Solids:	Dev:	FTG: 2841		Tanks: \$ -	Rental Tools:	\$ 1,000
Chls:		Hrs: 60 1/2		Separator: \$ -	Corrosion:	\$ 85
Pf/Mf:		FPH: 46.95		Heater: \$ -	Consultant:	\$ 825
Dapp ppb:		T/B/G:		Pumping L/T: \$ -	Drilling Mud:	\$ 812
Ca:		WOB: 45		Prime Mover: \$ -	Misc. / Labor:	\$ -
Time Break Down:		RPM: 80/130		Misc: \$ -	Mud Motors:	\$ 3,000
START	END	TIME	BHA:	Daily Total: \$ -	Daily Total:	\$17,507
6:00	8:00	2:00	DRLG. F/3134' T/3198' 64' 32 fph			Cum. Wtr: \$ 3,552
8:00	8:30	0:30	SURVEY @ 3155' 1 1/4 Deg			Cum. Fuel \$ 11,248
8:30	14:00	5:30	DRLG. F/3198' T/3354' 156' 28.4 fph			Cum. Bits: \$ 8,000
14:00	14:30	0:30	RIG SERVICE			Rot. Hrs:
14:30	19:30	5:00	DRLG. F/3354' T/3497' 143' 28.6 fph			
19:30	20:00	0:30	PULLED THREADS OFF PIN IN TOOL JT. @ 1846'			
20:00	23:30	3:30	TRIP OUT FOR FISHING TOOLS			
23:30	3:00	3:30	PICK UP 10 5/8 OVERSHOT WITH 6 1/8 GRAPPLE - BUMPER SUB - JAR & 4 6 1/4 DC			
3:00	6:00	3:00	TRIP IN (CHECK ALL TOOL JTS.) & BREAK CIRC. @ 1840'			
P/U		LITH:			TRIP GAS	
S/O					CONN	
ROT.					BKG GAS	
					PEAK GAS	

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43-047-34608

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

015

Well: FED. 11-21-9-19		OPR: TRIP IN WITH BIT # 2			Date: 5/18/2004	Days: 5
Depth: 3497'	Prog: 0	D Hrs: 0	AV ROP: 0	Formation: Surface		
DMC: \$740	TMC: \$5,268		TDC: \$26,450	CWC: \$291,231		
Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	INTANGIBLE	
MW: Water	Liner: 6 1/2	Bit #: 1	Conductor:	Rig Move:	\$ -	
VIS:	Stroke: 10	S/N: 15998	Surf. Csg: \$ -	Trucking:	\$ -	
PV/YP:	SPM: 200	Size: 12 1/4	Int. Csg: \$ -	Rig Cost:	\$ 11,000	
Gel:	Press: 2100	MFG: J-Z	Prod Csg: \$ -	Fuel:	\$ -	
ph:	GPM: 860	Type: HTJ-537	Float Equip: \$ -	Cement:	\$ -	
WL:	NV: 300	Jets: 3 / 15s	Well Head: \$ -	Mud Logger:	\$ -	
Cake:	AV: 146/163	In: 656	TBG/Rods: \$ -	Water:	\$ -	
Sand:	Dev: 1 1/4 3155	Out:	Packers: \$ -	Bits / Corehead:	\$ -	
Solids:	Dev:	FTG: 2841	Tanks: \$ -	Rental Tools:	\$ 1,000	
Chls:		Hrs: 60 1/2	Separator: \$ -	Corrosion:	\$ 85	
Pf/Mf:		FPH: 46.95	Heater: \$ -	Consultant:	\$ 825	
Dapp ppb:		T/B/G: 7/F/1/4"	Pumping L/T: \$ -	Drilling Mud:	\$ 740	
Ca:		WOB: 45	Prime Mover: \$ -	Fishing:	\$ 9,800	
Time Break Down:		RPM: 80/130	Misc: \$ -	Mud Motors:	\$ 3,000	
		BHA:	Daily Total: \$ -	Daily Total:	\$ 26,450	
START	END	TIME				
6:00	7:30	1:30	ATTEMPT TO MILL OVER SWELLED DP BOX @ 1840' WITH			Cum. Wtr: \$ 3,552
			6 1/8" GUIDE			Cum. Fuel \$ 11,248
7:30	8:30	1:00	TRIP OUT			Cum. Bits: \$ 8,000
8:30	9:30	1:00	CHANGED FISHING TOOLS TO 6 1/4" GUIDE			Rot. Hrs:
9:30	10:30	1:00	TRIP IN AND LATCHED ON TO FISH			
10:30	12:00	1:30	WORKED FISH FREE			
12:00	13:30	1:30	TRIP OUT TO FISH			
13:30	15:00	1:30	LAY DOWN FISHING TOOLS			
15:00	2:30	11:30	TRIP OUT WET LAY DOWN 5 MORE JTS. WITH SWELLED TOOL JTS. - LAY DOWN MOTOR			
			AND STABS.			
2:30	4:30	2:00	UNPLUG DCs (SAND)			
4:30	6:00	1:30	TRIP IN TO DRILL WITH BIT # 2			
P/U			LITH:		TRIP GAS	
S/O					CONN	
ROT.					BKG GAS	
			S.L. SEELY		PEAK GAS	

T09S R19E S-21
43-049-34608

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

017

Well: FED. 11-21-9-19		OPR: PRESSURE TEST BOPs			Date: 5/20/2004		Days: 7		
Depth: 3520'		Prog: 0		D Hrs: 0		AV ROP: 0		Formation:	
DMC: \$277			TMC: \$6,294			TDC: \$43,954		CWC: \$374,632	
Contractor: Nabors # 924			Mud Co: M-1			TANGIBLE		INTANGIBLE	
MW: Water		Liner: 6 1/2		Bit #: 2		Conductor: \$ -		Rig Move: \$ -	
VIS:		Stroke: 10		S/N: KA 4512		Surf. Csg: \$ -		Trucking: \$ -	
PV/YP:		SPM: 200		Size: 12 1/2		Int. Csg: \$ -		Rig Cost: \$ 11,000	
Gel:		Press: 2100		MFG: REED		Prod Csg: \$ -		Fuel: \$ -	
ph:		GPM: 860		Type: HP 53 A		Float Equip: \$ 2,235		Cement: \$ 16,343	
WL:		NV: 300		Jets: 3 X 24		Well Head: \$ 4,064		Casing Crew: \$ 6,490	
Cake:		AV: 146/163		In: 3497		TBG/Rods: \$ -		Water: \$ 325	
Sand:		Dev:		Out: 3520		Packers: \$ -		Bits / Corehead: \$ -	
Solids:		Dev:		FTG: 23		Tanks: \$ -		Rental Tools: \$ 1,000	
Chls:				Hrs: 1 1/2		Separator: \$ -		Corrosion: \$ 85	
Pf/Mf:				FPH: 15.3		Heater: \$ -		Consultant: \$ 825	
Dapp ppb:				T/B/G: 0/E/0		Pumping L/T: \$ -		Drilling Mud: \$ 277	
Ca:				WOB: 40		Prime Mover: \$ -		Misc. / Labor: \$ 1,310	
Time Break Down:						RPM: 65		Misc: \$ -	
						Misc: \$ -		Mud Motors: \$ -	
START	END	TIME				BHA:		Daily Total: \$6,299	
						Daily Total:		\$37,655	
6:00	7:30	1:30	POOH & LAY DOWN 8" DCs					Cum. Wtr: \$ 3,552	
7:30	8:30	1:00	RIG UP T&M CASERS & HELD SAFETY MEETING					Cum. Fuel: \$ 11,248	
8:30	13:30	5:00	RAN 87Jts. 8 5/8" 28# M-50 WITH D/L FLOAT SHOE & COLLAR					Cum. Bits: \$ 8,000	
			TOTAL 3516.52' - SHOE @ 3514'					Rot. Hrs: 62	
13:30	15:30	2:00	RIG UP CMT. HEAD & CIRC. WELL FOR CMT.						
15:30	18:00	2:30	CMT. WITH SCHLUMBERGER PUMPED 20 bbl WATER AHEAD OF LEAD: 540 Sk Hi-Lift WT.						
			11 ppg YIELD 3.91 376 bbl - TAIL: 230 Sk "G" WT. 14.2 ppg YIELD 1.63 67 bbl - DROP PLUG &						
			DISP. WITH 217 bbl WATER - PLUG BUMPED FLOATS HELD - 80 bbl CMT TO SURF. - CMT.						
			FELL - TOPOUT WITH 90 Sk "G" WT. 15 ppg 18 bbl - HOLE STAYED FULL						
18:00	19:00	1:00	RIG DOWN SCHLUMBERGER & BACK OUT LANDING JT.						
19:00	4:00	9:00	NIPPLE UP BOPs & CHOKE						
4:00	5:00	1:00	FUCTION TEST BOPs						
5:00	6:00	1:00	TEST BOPs TO 5000 psi						
P/U		LITH:			TRIP GAS				
S/O					CONN				
ROT.					BKG GAS				
					PEAK GAS				
S.L. SEELY									

025

T095 R19E S-21
43-049-34608

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

Well: FED. 11-21-9-19		OPR: DRLG.		Date: 5/29/2004		Days: 16	
Depth: 7924'		Prog: 436		D Hrs: 23.5		AV ROP: 18.5	
Formation: North Horn		DMC: \$3,070		TMC: \$23,471		TDC: \$20,575	
CWC: \$555,327		Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	
INTANGIBLE		MW: 8.5		Liner: 6 1/2		Bit #: 3	
Conductor: \$ -		Rig Move: \$ -		VIS: 25		Stroke: 10	
S/N: 7104379		Surf. Csg: \$ -		Trucking: \$ -		PV/YP: 1/1	
SPM: 104		Size: 7 7/8"		Int. Csg: \$ -		Rig Cost: \$ 11,000	
Gel: 1/1		Press: 1300		MFG: HTC		Prod Csg: \$ -	
Fuel: \$ -		ph: 7.5		GPM: 422		Type: HC 506	
Float Equip: \$ -		Cement: \$ -		WL: NV: 131		Jets: 6 / 15	
Well Head: \$ -		Mud Logger: \$ 575		Cake: AV: 215 / 320		In: 3520	
TBG/Rods: \$ -		Water: \$ -		Sand: Dev:		Out:	
Packers: \$ -		Bits / Corehead: \$ -		Solids: 1		Dev:	
FTG: 4404		Rental Tools: \$ 1,910		Chls: 7500		Hrs: 175 1/2	
Separator: \$ -		Corrosion: \$ 85		Pf/Mf: .4/5.0		FPH: 25.1	
Heater: \$ -		Consultant: \$ 825		Dapp ppb: 4.6		T/B/G:	
Pumping L/T: \$ -		Drilling Mud: \$ 3,070		Ca: 120		WOB: 10 / 20	
Prime Mover: \$ -		Misc. / Labor: \$ 610		Time Break Down:		RPM: 60 / 90	
Misc: \$ -		Mud Motors: \$ 2,500		START		END	
Daily Total: \$0		Daily Total: \$20,575		TIME		BHA:	
Cum. Wtr: \$ 22,072		6:00		8:30		2:30	
Cum. Fuel \$ 24,360		8:30		9:00		0:30	
Cum. Bits \$ 23,000		9:00		6:00		21:00	
Rot. Hrs: 237.5		DRLG. F/7488' T/7525' 37' 14.8 fph					
BIT 7 7/8 1.10		RIG SERVICE					
M MOTOR 6 1/4 33.12							
SHOCK 6 1/4 9.79							
24 - DC 6 1/4 738.83							
TOTAL BHA 782.84							
P/U 208		LITH: SAND & SHALE		TRIP GAS			
S/O 195				CONN 400			
ROT. 200				BKG GAS 150			
S.L. SEELY				PEAK GAS			

033
 TOGS RISE S-21
 43-049-34608

GASCO ENERGY
 DAILY DRILLING AND COMPLETION REPORT

Well: FED. 11-21-9-19		OPR: DRLG.		Date: 6/6/2004		Days: 24	
Depth: 10605'		Prog: 335		D Hrs: 23		AV ROP: 14.6	
DMC: \$2,309		TMC: \$45,476		TDC: \$20,292		CWC: \$750,599	
Formation: Mesa Verde		Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	
INTANGIBLE		MW: 9.5		Liner: 6 1/2		Bit #: 5	
Conductor: \$ -		Rig Move: \$ -		VIS: 35		Stroke: 10	
S/N: 108184		Surf. Csg: \$ -		Trucking: \$ -		PV/YP: 5/6	
SPM: 107		Size: 7 7/8"		Int. Csg: \$ -		Rig Cost: \$ 11,000	
MFG: HYC		Prod Csg: \$ -		Fuel: \$ -		Gel: 6/7	
Press: 1550		Float Equip: \$ -		Cement: \$ -		ph: 8	
GPM: 438		Type: DSX 199		Well Head: \$ 1,088		Mud Logger: \$ 575	
NV: 131		Jets: 3/14-3/18		TBG/Rods: \$ -		Water: \$ -	
AV: 223 / 333		In: 10249		Packers: \$ -		Bits / Corehead: \$ -	
Out:		Tanks: \$ -		Rental Tools: \$ 1,910		Sand: Tr	
Dev: 1.5 10380'		FTG: 356		Separator: \$ -		Corrosion: \$ 85	
Solids: 5.8		Hrs: 24 1/2		Heater: \$ -		Consultant: \$ 825	
Chls: 6500		FPH: 14		Pumping L/T: \$ -		Drilling Mud: \$ 2,309	
Pff/Mf: .4/6		T/B/G:		Prime Mover: \$ -		Misc. / Labor: \$ -	
Dapp ppb: 5.3		WOB: 10 / 15		Misc: \$ -		Mud Motors: \$ 2,500	
Ca: 120		RPM: 55 / 56		Daily Total: \$1,088		Daily Total: \$19,204	
BHA:		Time Break Down:		START		END	
TIME		DRLG. F/10270' T/10423' 153' 20.4 fph		Cum. Wtr: \$ 22,072		Cum. Fuel \$ 24,360	
SURVEY @ 10380' 1 1/2 Deg.		DRLG. F/10423' T/10605' 182' 11.7 fph		Cum. Bits: \$ 30,000		Rot. Hrs:	
BIT		7 7/8		1.10		M MOTOR	
6 1/4		33.12		SHOCK		6 1/4	
9.79		24 - DC		6 1/4		738.83	
TOTAL BHA		782.84		P/U		241	
LITH: 80% Sandstone - 20% Shale		TRIP GAS		S/O		230	
FLARE:		CONN		2300		ROT.	
236		BKG GAS		1700		S.L. SEELY	
PEAK GAS		4500					

T095 R19E S-21
43-049-34608

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

039

Well: FED. 11-21-9-19		OPR: DRLG.		Date: 6/12/2004		Days: 30	
Depth: 11400'		Prog: 88		D Hrs: 21		AV ROP: 4.2	
DMC: \$2,293		TMC: \$60,201		TDC: \$19,798		CWC: \$925,931	
Formation: Lower Mesa Verde		Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE	
INTANGIBLE		MW: 10.2		Liner: 6 1/2		Bit #: 5	
Conductor: \$ -		Rig Move: \$ -		VIS: 43		Stroke: 10	
Surf. Csg: \$ -		Trucking: \$ -		S/N: 108184		SPM: 107	
Int. Csg: \$ -		Rig Cost: \$ 11,000		Size: 7 7/8"		MFG: HYC	
Prod Csg: \$ -		Fuel: \$ -		ph: 8		Press: 1550	
Float Equip: \$ -		Cement: \$ -		GPM: 438		Type: DSX 199	
Well Head: \$ -		Mud Logger: \$ 575		NV: 131		Jets: 3/14-3/18	
TBG/Rods: \$ -		Water: \$ -		WL: 12.8		AV: 223 / 333	
In: 10906		Sand: Tr		Dev:		Out:	
Packers: \$ -		Bits / Corehead: \$ -		WOB: 10 / 20		RPM: 55 / 56	
Tanks: \$ -		Rental Tools: \$ 1,910		Time Break Down:		BHA:	
Separator: \$ -		Corrosion: \$ 85		START		END	
Heater: \$ -		Consultant: \$ 825		TIME		TIME	
Pumping L/T: \$ -		Drilling Mud: \$ 2,293		6:00		12:30	
Prime Mover: \$ -		Misc. / Labor: \$ 610		12:30		14:30	
Misc: \$ -		Mud Motors: \$ 2,500		14:30		17:30	
Daily Total: \$0		Daily Total: \$19,798		17:30		18:00	
Cum. Wtr: \$ 22,072		Cum. Fuel: \$ 24,360		18:00		23:30	
Cum. Bits: \$ 37,000		Rot. Hrs: 519		23:30		0:00	
BIT 7 7/8 1.10		M MOTOR 6 1/4 33.12		0:00		6:00	
SHOCK 6 1/4 9.79		24 - DC 6 1/4 738.83					
TOTAL BHA						782.84	
P/U 265		LITH: 80% Sandstone 15% Shale 5% Coal		TRIP GAS			
S/O 250		FLARE: 5' - 15'		CONN 2500			
ROT. 255				BKG GAS 2200			
		S.L. SEELY		PEAK GAS			

T 095 R 19E S-21
43-047-34609

048

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

Well: FED. 11-21-9-19		OPR: RIG DOWN			Date: 6/21/2004	Days: 39
Depth: 11800'	Prog: 0	D Hrs: 0	AV ROP: 0	Formation:		
DMC:		TMC: \$70,187		TDC: \$117,266	CWC: \$1,289,085	
Contractor: Nabors # 924		Mud Co: M-I		TANGIBLE		INTANGIBLE
MW:	Liner: 6 1/2	Bit #:		Conductor: \$ -	Rig Move: \$ -	
VIS:	Stroke: 10	S/N:		Surf. Csg: \$ -	Trucking: \$ 1,650	
PV/YP:	SPM:	Size:		Int. Csg: \$ -	Rig Cost: \$ 11,000	
Gel:	Press:	MFG:		Prod Csg: \$ -	Fuel: \$ -	
ph:	GPM:	Type:		Float Equip: \$ -	Cement: \$ 81,430	
WL:	NV:	Jets:		Well Head: \$ -	Mud Logger: \$ 575	
Cake:	AV:	In:		TBG/Rods: \$ -	Water: \$ -	
Sand:	Dev:	Out:		Packers: \$ -	Bits / Corehead: \$ -	
Solids:	Dev:	FTG:		Tanks: \$ -	Rental Tools: \$ 1,910	
Chls:		Hrs:		Separator: \$ -	Corrosion: \$ 85	
Pf/Mf:		FPH:		Heater: \$ -	Consultant: \$ 825	
Dapp ppb:		T/B/G:		Pumping L/T: \$ -	Drilling Mud: \$ -	
Ca:		WOB:		Prime Mover: \$ -	Misc. / Labor: \$ 19,791	
Time Break Down:			RPM:	Misc: \$ -	Mud Motors: \$ -	
START	END	TIME	BHA:	Daily Total: \$0	Daily Total: \$117,266	
6:00	12:00	6:00	RAN 276 Jts. 4 1/2" 13.5# P-110 LT&C WITH FLOAT SHOE & COLLAR TOTAL 11800.60' - SHOE SET @ 11798'		Cum. Wtr: \$ 22,072	
					Cum. Fuel \$ 24,360	
12:00	14:30	2:30	CIRC. & COND FOR CMT.		Cum. Bits: \$ 37,000	
14:30	15:00	0:30	SAFTEY MEETING		Rot. Hrs:	
15:00	18:00	3:00	CMT. WITH SCHLUMBERGER PUMPED 20 BBL CW-100 20 BBL WATER, LEAD : 305 Sks Hi-Lift WT. 11.5 YIELD 3.05 165 BBL		BIT	7 7/8 1.10
			TAIT: 2563 Sks. 50/50 POZ "G" WT. 14.1 YIELD 1.28 584 BBL		M MOTOR	6 1/4 33.12
			DROP PLUG & DISP WITH 175 BBL 3% KCL - PLUG BUMPED		SHOCK	6 1/4 9.79
			FLOATS HELD - FULL RETURNS - WAS RECIPROCATED		24 - DC	6 1/4 738.83
			CSG. LANDED WITH 125,000#			
18:00	1:00	7:00	CLEAN MUD TANKS			
1:00	6:00	5:00	RIG DOWN			
			RIG RELEASED @ 1:00 AM 6/21/04			
					TOTAL BHA 782.84	
P/U	0	LITH:			TRIP GAS	
S/O	0	FLARE:			CONN	
ROT.	0				BKG GAS	
			S.L. SEELY		PEAK GAS	

T093 R19E S21
43-047-34608

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

049

Well: Fed. 11-22-9-19			OPR: RIG UP			Date: 6/21/2004		Days:		
Depth:		Prog:		D Hrs:		AV ROP:		Formation:		
DMC:			TMC:			TDC: \$96,150		CWC: \$96,150		
Contractor: Nabors # 924			Mud Co: M-I			TANGIBLE		INTANGIBLE		
MW: # 1 6.5X10		Bit #:				Conductor: \$ -		Loc, Cost: \$ 39,557		
VIS: SPM:		Size:				Surf. Csg: \$ -		Rig Move: \$ -		
PV/YP: # 2 6.5X11		Type:				Int. Csg: \$ -		Conductor: \$ 28,300		
Gel: SPM:		MFG:				Prod Csg: \$ -		Rental Tools: \$ 1,200		
ph: GPM:		S/N:				Float Equip: \$ -		Trucking: \$ -		
WL: Press:		Jets:				Well Head: \$ -		Water: \$ 6,675		
Cake: AV DC:		In:				TBG/Rods: \$ -		Fuel: \$ 8,685		
Sand: AV DP:		Out:				Packers: \$ -		Mud Logger: \$ -		
Solids:		FTG:				Tanks: \$ -		Logging: \$ -		
Chls:		Hrs:				Separator: \$ -		Cement: \$ 6,272		
Pf/Mf:		FPH:				Heater: \$ -		Bits: \$ -		
Dapp ppb:		T/B/G:				Pumping L/T: \$ -		Mud Motors: \$ -		
Ca:		WOB:				Prime Mover: \$ -		Corrosion: \$ -		
Time Break Down:			RPM:				Misc: \$ -		Consultant: \$ 825	
START	END	TIME	Rot. Hrs:				Daily Total: \$ -		Drilling Mud: \$ -	
			RIG 100% ON LOC. & 90% RIGGED UP IF WE GET #3 MOTOR						Misc. / Labor: \$ 4,636	
			FIXED WE CAN SPUD FRI.6/25						\$ -	
									Daily Total: \$ 96,150	
									Cum. Wtr: \$ 6,675	
									Cum. Fuel	
									Cum. Bits:	
									BHA	
							BIT		12.25"	
							MOTOR		8"	
							NRS		12.25"	
							SHOCK		8"	
							NRS		12.25"	
							3 - DC		8"	
							C/O		8"	
							24 - DC		6.25"	
									TOTAL BHA	
									Survey	
									Survey	
P/U	0	LITH:						BKG GAS		
S/O	0	FLARE:						CONN GAS		
ROT.	0					TRIP GAS				
FUEL	Used:	On Hand:		S.L. SEELY				PEAK GAS		



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>

IN REPLY REFER TO:
3106
(UT-924)

May 18, 2004

Memorandum

To: Vernal Field Office, Moab Field Office
From: Chief, Branch of Minerals Adjudication
Subject: Name Change Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the name change from Pannonian Energy Inc., into Gasco Production Company is effective February 24, 2004.

/s/ Robert Lopez

Robert Lopez
Chief Branch of
Minerals Adjudication

Enclosure

1. State of Utah Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

RECEIVED

MAY 20 2004

DIV. OF OIL, GAS & ...

Nordstrom:05/18/2004

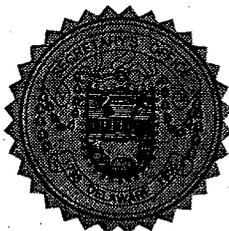
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PANNONIAN ENERGY INC.", CHANGING ITS NAME FROM "PANNONIAN ENERGY INC." TO "GASCO PRODUCTION COMPANY", FILED IN THIS OFFICE ON THE TWENTY-FOURTH DAY OF FEBRUARY, A.D. 2004, AT 12:43 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2963993

DATE: 03-02-04

2899291 8100

040133641

Gasco Production

051

api	twsp	rng	sec	well_name	lease_num	stat	la_pa
4304734168	090S	190E	20	FED 24-20-9-19	UTU-75090	DRL	
4304734169	090S	190E	20	FED 44-20-9-19	UTU-75090	DRL	
4304734199	090S	190E	21	FED 23-21-9-19	UTU-78433	P	
4304734608	090S	190E	21	FED 11-21-9-19	UTU-78433	DRL	
4304735405	090S	190E	21	FED 42-21-9-19	UTU-78433	APD	
4304735606	090S	190E	21	FEDERAL 31-21-9-19	UTU-78433	APD	
4304734607	090S	190E	22	LYTHAM FED 22-22-9-19	UTU-78433	P	
4304735404	090S	190E	22	FED 11-22-9-19	UTU-78433	DRL	
4304733653	090S	190E	29	FEDERAL 31-29	UTU-76262	P	
4304733750	090S	190E	29	FEDERAL 34-29	UTU-76034	P	
4304734111	090S	190E	29	FEDERAL 23-29 #1	UTU-76262	P	
4304734202	090S	190E	29	FED 42-29-9-19	UTU-76262	P	
4304735343	090S	190E	30	FEDERAL 43-30-9-19	UTU-37246	DRL	
4304734201	090S	190E	31	FED 32-31-9-19	UTU-76489	P	
4304735623	090S	190E	31	FEDERAL 24-31-9-19	UTU-019880A	APD	
4304735624	090S	190E	31	FEDERAL 41-31-9-19	UTU-019880A	APD	
4304734286	100S	170E	12	PETES WASH 23-12 #1	UTU-77063	P	
4301332560	100S	170E	17	WILKIN RIDGE FED 34-17-10-17	UTU-043615	APD	
4304734551	100S	170E	24	FED 43-24-3 #1	UTU-74401	P	
4304733983	100S	180E	07	FEDERAL 24-7 #1	UTU-68387	P	
4304734539	100S	180E	18	FED 14-18-2 #1	UTU-74971	P	
4304735808	100S	180E	22	FEDERAL 11-22-10-18	UTU-018260A	APD	
4304734924	100S	180E	30	FED 22-30-10-18	UTU-74408	APD	
4304734813	100S	190E	06	FED 21-6-10-19	UTU-76490	LA	3/30/2004
4304731178	110S	200E	03	LAFKAS FED 1-3	U-34350	S	
4304731818	110S	200E	05	WILLOW CREEK UNIT 2	U-39223	TA	
4304731026	110S	200E	10	HILL FEDERAL 1-10	U-44089	TA	

K

~~CONFIDENTIAL~~

- 4/7/04 Huffman Enterprises building rd into loc. (SCE)
- 4/12/04 Rd work 90% finished. MI D-8 cat to build loc. (SCE)
- 4/15/04 Loc finished and still working on reserve pit. Haven't had to blast to build loc. (SCE)
- 4/20/04 Finishing loc and pit today. Had to blast bottom of pit to get deep enough. (SCE)
- 4/23/04 MIRU Craig's Roustabout rathole rig. Spudded well 9:00 AM 4/22/04. Ran 17 1/4' hammer bit and air/foam drilled to conductor TD 230'. SDFN. (SCE)
- 4/24/04 **RIH w/ guide shoe + 5 jts 13 3/8" 54.5# ST&C csg, to 223' GL. RU Halliburton. cmt'ed csg back to surface w/ 210 sx Class "A" regular cmt. Approx 10 bbls cmt returns to pit. SWIFN to let cmt set.**
- 4/25/04 RIH w/ 12 1/4" bit. Pre drilled hole to 805'. Drilled rat and mouse hole. RDMOL. (SCE)
- 5/8/04 Start moving Nabors rig 924 to location.
- 5/8/04 thru 5/11/04 Continue moving rig 924 and rigging up same.
- 5/12/04 Raised Derrick, rig totally on location. Replaced both shale shakers with rebuilt matching linear shakers. Rebuild choke manifold and replace worn out parts.

Completion

- 7/20/04 RU SLJ wireline & ran CBL/CCL/Gamma Ray logs
- RU Double Jack tstg & test CSG to 9000 psi, ok. Perf'd stg 1 from 11,590 -92, 11,606-08, 11,634-36, 11,652-55. 3 spots per ft w/33 1/3 power jet guns. 22.7 GM charges, .45 EHP, 38.6 " penetration. Well ready to frac. DC \$53946. CWC \$1,492,766. (SCE)
- 7/21/2004 RU Schlumberger PS, Broke down Stage 1 at 5027psi. Pump 250 Bbls of 20# linear gell and perform step rate test. ISIP 4402psi, 26 holes open. Frac Lower Mesaverde with 17,950# of 20-40 sand and 11,850# of 20-40 SBXL resin coated sand, using 1631 total bbls of slickwater (includes 250 bbls of linear gell). ATP 6871psi at 45 BPM Blender had poor control and pumped a high density sand spike causing well to screen out with 9549psi. Shut down with 70 bbls of sand laden fluid in casing. Flow well back to pit until sand cleared up. Attempt to GIH to perforate Stage 2. STS grease injector would not pump grease. RD STS, RU Schlumberger low pressure equipment, GIH and set a 8K Howco FTFP at 11550'. **Perforate Stage 2 Mesaverde 11364'-370', 11476'-481', 11519'-524' 3SPF** with a 3 3/8" Power Jet gun. Flow well for 14 total hrs on a 14/64 ck with 900psi FCP and made 789 BF, BLWTR 842
- 7/22/04 RU Schlumberger PS. Broke down Stage 2 Mesaverde with 4214psi. Frac Stage 2 with 50,500# of 20-40 sand and 101500# of 20-40 SBXL resin coated sand using 1938 bbls of

Slickwater pad and YF125ST gell. ATP 6514psi at 50 BPM. ISIP 4400psi. RU Slb Wireline equip and set a Howco 8K FTFP at 11300'. **Perforate Stage 3 Mesaverde 11158'-162', 11186'-190', 11245'-248', 11284'-286'**. Broke down with 5205 psi. Frac with 38,800# of 20-40 sand and 19,000# of 20-40 SBXL using 2334 bbls of Slickwater. ATP 7301psi at 59 BPM. ISIP 4580psi. GIH and set a 8K Howco FTFP at 11010'. Had problems with sand sticking plug, pumped 10 bbls at 1 BPM and freed up plug to set. **Perforate stage 4 Mesaverde 10766'-768', 10816'-821', 10879'-882', 10990'-993'**. Broke down stage 4 with 5948 psi, Frac stage 4 with 21,000# of 20-40 sand and 50,500# of 20-40 SBXL using 1261 bbls of Clear Frac. ATP 5272psi at 51.8 BPM. ISIP 4165psi. Flow well for 9 hrs on a 16/64 ck. with 1050psi FCP and made 879 BF. TR 1668, BLWTR 5496.

7/23/2004 RU Schlumberger Wireline and STS 10K lubricator. GIH and **perforate Mesaverde 10350'-355' 3 SPF**. Did not frac this interval. GIH and set a Howco 8K FTFP at 9430'. **Perforate Stage 5 Dark Canyon 9308'-314', 9406'-412' 3 SPF**. Frac stage 5 with 19,000# of sand and 51,800# of 20-40 SBXL sand using 2576 bbls of Slickwater. ATP 6059psi at 60 BPM. ISIP 3600psi. RU wireline and attempt to run a Howco 8K FTFP, plug came apart and stuck in frac head. Disassemble and remove pieces of plug. GIH and set a Howco 8K FTFP at 6926'. **Perforate Stage 6 Wasatch 6782'-787', 6898'-900', 6907'-910'**. RU Slb PS. Broke down Wasatch with 5156psi. Frac with 54,350# of 20-40 sand and 40,950# of 20-40 SBXL resin coated sand using 2788 bbls of Slickwater. ATP 4719psi at 60 BPM. ISIP 1562. Very erratic Pressure plot. Flowed well on a 14 then 16 then 20/64ck with 100psi final FCP and made 787 BF, TR 2255BF, BLWTR 10073 BF. DC \$ 537,176 CC \$2,029,942

7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

Run tbg, Drill out FTFP's

7/25/04 7:00 AM, Well barely flowing @ 0 psi on open ck. Flowed 575 bbls in 24 hrs. TR 3030. BLWTR 9498. MIRU Pool rig 820 (Alex and Everitt). Water barely flowing over top of valve. NU Weatherford BOP's. RIH w/ Varel 3 3/4" L-2 bit + Weatherford pump off bit sub + XN nipple + 2 3/8" N-80/P110 tbg (f/ Aztec Pipe). SD w/ bit @ +6700. Left well open to tk on small ck for night. DC \$6220 CWC \$2,053,080. (SCE)

7/26/04 Fin RIH to first FTFP @ 6926'. Tag sand at 6785', circ down to plug at 6913' and drill same. Well came in flowing hard. Continue to RIH and drilled Plug #2 @ 9420, (no sand), RIH and drill Plug #3 at 11,000', RIH and drill Plug #4 at 11,300', RIH to 11,500' SDFN. Flowed well 24 hrs on a 20/64 ck with 2050psi FCP and made 1810 BF, TR 4940, BLWTR 7588. DC \$6675 CC \$2,059,755

7/27/04 Flowed well 24 hrs on a 24/64 ck with 1150psi FCP and made 1193BF, TR 6133 BF, BLWTR 6395 BF. DC \$39047 CC \$2,098,802

7/28/04 Drilled Plug #5 at 11550'. RIH and tag at 11640, clean out to **PBTD at 11731'** POOH and lay down 163 jts tbg. **Landed tubing at 6669'**. ND BOP's and NU Tree. Broach tubing, drop ball and pump off bit and bit sub with 22 BW. RD rig ready to move to

ENSCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

Wilkin Ridge. Flowed well 24 hrs on a 24 then 20/64 ck with 900psi FTP and 1725psi CP and made 720 BF. TR 6853, BLWTR 5747. DC

Federal 11-21-9-19 - Completion

- 7/20/04 RU SLB Wireline (Dwayne) and ran CBL/CCL/Gamma Ray log. RU Double Jack testing and psi tested csg to 9000 psi, ok. Perforated Stage 1 f/ 11590' - 92, 11606 - 08, 11634 - 36, 11652 - 55, 3 SPF w/ 3 3/8" Powerjet guns, .45 EHD, 38.6" pen, 22.7 gm chgs. Well ready to frac. DC 53946. CWC 1,492,766. (SCE)
- 7/21/2004 RU Schlumberger PS, Broke down Stage 1 at 5027psi. Pump 250 Bbls of 20# linear gell and perform step rate test. ISIP 4402psi, 26 holes open. Frac Lower Mesaverde with 17,950# of 20-40 sand and 11,850# of 20-40 SBXL resin coated sand, using 1631 total bbls of slickwater (includes 250 bbls of linear gell). ATP 6871psi at 45 BPM Blender had poor control and pumped a high density sand spike causing well to screen out with 9549psi. Shut down with 70 bbls of sand laden fluid in casing. Flow well back to pit until sand cleared up. Attempt to GIH to perforate Stage 2. STS grease injector would not pump grease. RD STS, RU Schlumberger low pressure equipment, GIH and set a 8K Howco FTFP at 11550'. **Perforate Stage 2 Mesaverde 11364'-370', 11476'-481', 11519'-524' 3SPF** with a 3 3/8" Power Jet gun. Flow well for 14 total hrs on a 14/64 ck with 900psi FCP and made 789 BF, BLWTR 842
- 7/22/04 RU Schlumberger PS. Broke down Stage 2 Mesaverde with 4214psi. Frac Stage 2 with 50,500# of 20-40 sand and 101500# of 20-40 SBXL resin coated sand using 1938 bbls of Slickwater pad and YF125ST gell. ATP 6514psi at 50 BPM. ISIP 4400psi. RU Slb Wireline equip and set a Howco 8K FTFP at 11300'. **Perforate Stage 3 Mesaverde 11158'-162', 11186'-190', 11245'-248', 11284'-286'**. Broke down with 5205 psi. Frac with 38,800# of 20-40 sand and 19,000# of 20-40 SBXL using 2334 bbls of Slickwater. ATP 7301psi at 59 BPM. ISIP 4580psi. GIH and set a 8K Howco FTFP at 11010'. Had problems with sand sticking plug, pumped 10 bbls at 1 BPM and freed up plug to set. **Perforate stage 4 Mesaverde 10766'-768', 10816'-821', 10879'-882', 10990'-993'**. Broke down stage 4 with 5948 psi, Frac stage 4 with 21,000# of 20-40 sand and 50,500# of 20-40 SBXL using 1261 bbls of Clear Frac. ATP 5272psi at 51.8 BPM. ISIP 4165psi. Flow well for 9 hrs on a 16/64 ck. with 1050psi FCP and made 879 BF. TR 1668, BLWTR 5496.
- 7/23/2004 RU Schlumberger Wireline and STS 10K lubricator. GIH and **perforate Mesaverde 10350'-355' 3 SPF**. Did not frac this interval. GIH and set a Howco 8K FTFP at 9430'. **Perforate Stage 5 Dark Canyon 9308'-314', 9406'-412' 3 SPF**. Frac stage 5 with 19,000# of sand and 51,800# of 20-40 SBXL sand using 2576 bbls of Slickwater. ATP 6059psi at 60 BPM. ISIP 3600psi. RU wireline and attempt to run a Howco 8K FTFP, plug came apart and stuck in frac head. Disassemble and remove pieces of plug. GIH and set a Howco 8K FTFP at 6926'. **Perforate Stage 6 Wasatch 6782'-787', 6898'-900', 6907'-910'**. RU Slb PS. Broke down Wasatch with 5156psi. Frac with 54,350# of 20-40 sand and 40,950# of 20-40 SBXL resin coated sand using 2788 bbls of Slickwater. ATP

4719psi at 60 BPM. ISIP 1562. Very erratic Pressure plot. Flowed well on a 14 then 16 then 20/64ck with 100psi final FCP and made 787 BF, TR 2255BF, BLWTR 10073 BF. DC \$ 537,176 CC \$2,029,942

7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

Run tbg, Drill out FTFP's

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7/26/04 Fin RIH and tagged sd @ 6785'. RU Pool power swivel and circ cln to first FTFP @ 6926'. Drill up plug and well kicked off flowing back again. Maintained 1500 psi FCP w/ 40/64" to 3/4" ck to pit. Continued to drill up FTFP's @ 9420', 11000', 11300', pumping wtr @ 1 bpm. RIH to last plug @ 11550'. Turned over to Premier to flow back. DC \$39,047. CWC \$2,092,127.

7/27/04 Rig SD today to FB well. Well flowing back @ 2550 FCP, on 20/64" ck. Made 1810 bbls in 12 hrs. TR 4940. BLWTR 7588. DC \$6852. CWC \$2,098,979.

7/28/04 Well flowing back @ 1150 FCP, on 24/64" ck. Made 1193 bbls in 12 hrs. TR 6113. BLWTR 6395. RIH to plug @ 11550' and drill up. Cont RIH and tag fill @ 11640'. Cln out to PBTD @ 11731' (76' rat hole). PPOH and LD 163 jts. Landed tbg @ 6669' w/ 206 jts. ND BOPE. NU tree. Broached tbg to SN. Dropped ball and loaded tbg w/ 22 bbls. Pumped off bit and sub. fld csg for 2 more hrs and cleaned up. RD and ready to move. DC \$28,647 (inc build battery). CWC \$2,127,626.

7/29/04 Well flowed back 720 bbls in 12 hrs, on 20/64" ck. TR 6845. BLWTR 5747. DC \$2000. CWC \$2,129,626.

7/30/04 Well flowed back 497 bbls in 24 hrs, on 24/64" ck. TR 7350. BLWTR 5250. Turned well dn line, thru separator and sold gas while continuing to cln up FB. DC \$2000. CWC \$2,131,626.

8/2/04 SWI for psi build up. (SCE)

8/3/04 SI

8/4/04 Opened well up to sep for flow test. SITP 2700. SICP 2750.

8/5/04 Well flowing this AM w/ 500 FTP and 1150 CP. Made 1.517 MMCF in last 24 hrs. 396 BW and 17 BO on various cks. DC \$2000. CWC \$2,133,626. (SCE)

Federal 11-21-9-19 - Completion

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SCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
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7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

Run tbg, Drill out FTFP's

7/25/04 7:00 AM, Well barely flowing @ 0 psi on open ck. Flowed 575 bbls in 24 hrs. TR 3030. BLWTR 9498. MIRU Pool rig 820 (Alex and Everitt). Water barely flowing over top of valve. NU Weatherford BOP's. RIH w/ Varel 3 3/4" L-2 bit + Weatherford pump off bit sub + XN nipple + 2 3/8" N-80/P110 tbg (f/ Aztec Pipe). SD w/ bit @ +6700. Left well open to tk on small ck for night. DC \$6220. CWC \$2,053,080. (SCE)

7/26/04 Fin RIH and tagged sd @ 6785'. RU Pool power swivel and circ cln to first FTFP @ 6926'. Drill up plug and well kicked off flowing back again. Maintained 1500 psi FCP w/ 40/64" to 3/4" ck to pit. Continued to drill up FTFP's @ 9420', 11000', 11300', pumping wtr @ 1 bpm. RIH to last plug @ 11550'. Turned over to Premier to flow back. DC \$39,047. CWC \$2,092,127.

7/27/04 Rig SD today to FB well. Well flowing back @ 2550 FCP, on 20/64" ck. Made 1810 bbls in 12 hrs. TR 4940. BLWTR 7588. DC \$6852. CWC \$2,098,979.

7/28/04 Well flowing back @ 1150 FCP, on 24/64" ck. Made 1193 bbls in 12 hrs. TR 6113. BLWTR 6395. RIH to plug @ 11550' and drill up. Cont RIH and tag fill @ 11640'. Cln out to PBD @ 11731' (76' rat hole). PPOH and LD 163 jts. Landed tbg @ 6669' w/ 206 jts. ND BOPE. NU tree. Broached tbg to SN. Dropped ball and loaded tbg w/ 22 bbls. Pumped off bit and sub. Fld csg for 2 more hrs and cleaned up. RD and ready to move. DC \$28,647 (inc build battery). CWC \$2,127,626.

7/29/04 Well flowed back 720 bbls in 12 hrs, on 20/64" ck. TR 6845. BLWTR 5747. DC \$2000. CWC \$2,129,626.

7/30/04 Well flowed back 497 bbls in 24 hrs, on 24/64" ck. TR 7350. BLWTR 5250. Turned well dn line, thru separator and sold gas while continuing to cln up FB. DC \$2000. CWC \$2,131,626.

8/2/04 SWI for psi build up. (SCE)

8/3/04 SI

8/4/04 Opened well up to sep for flow test. SITP 2700. SICP 2750.

8/5/04 Well flowing this AM w/ 500 FTP and 1150 CP. Made 1.517 MMCF in last 24 hrs. 396 BW and 17 BO on various cks. DC \$2000. CWC \$2,133,626. (SCE)

SCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

8/15/04 Late costs: build battery, wtr trucking, Frac tk rental, move tks. DC 31,919. CWC
2,165,545.

Federal 11-21-9-19

Run Production Log

10/17/04 RU Schlumberger Slick line unit (Scott Pitt-Evanston). Ran Memory Production Log (on
slickline). (SCE)

- 4/7/04 Huffman Enterprises building rd into loc. (SCE)
- 4/12/04 Rd work 90% finished. MI D-8 cat to build loc. (SCE)
- 4/15/04 Loc finished and still working on reserve pit. Haven't had to blast to build loc. (SCE)
- 4/20/04 Finishing loc and pit today. Had to blast bottom of pit to get deep enough. (SCE)
- 4/23/04 MIRU Craig's Roustabout rathole rig. Spudded well 9:00 AM 4/22/04. Ran 17 1/4' hammer bit and air/foam drilled to conductor TD 230'. SDFN. (SCE)
- 4/24/04 **RIH w/ guide shoe + 5 jts 13 3/8" 54.5# ST&C csg, to 223' GL. RU Halliburton. cmt'ed csg back to surface w/ 210 sx Class "A" regular cmt. Approx 10 bbls cmt returns to pit. SWIFN to let cmt set.**
- 4/25/04 RIH w/ 12 1/4" bit. Pre drilled hole to 805'. Drilled rat and mouse hole. RDMOL. (SCE)
- 5/8/04 Start moving Nabors rig 924 to location.
- 5/8/04 thru 5/11/04 Continue moving rig 924 and rigging up same.
- 5/12/04 Raised Derrick, rig totally on location. Replaced both shale shakers with rebuilt matching linear shakers. Rebuild choke manifold and replace worn out parts.

Federal 11-21-9-19 - Completion

- 7/20/04 RU SLB Wireline (Dwayne) and ran CBL/CCL/Gamma Ray log. RU Double Jack testing and psi tested csg to 9000 psi, ok. Perforated Stage 1 f/ 11590' - 92, 11606 - 08, 11634 - 36, 11652 - 55, 3 SPF w/ 3 3/8" Powerjet guns, .45 EHD, 38.6" pen, 22.7 gm chgs. Well ready to frac. DC 53946. CWC 1,492,766. (SCE)
- 7/21/2004 RU Schlumberger PS, Broke down Stage 1 at 5027psi. Pump 250 Bbls of 20# linear gell and perform step rate test. ISIP 4402psi, 26 holes open. Frac Lower Mesaverde with 17,950# of 20-40 sand and 11,850# of 20-40 SBXL resin coated sand, using 1631 total bbls of slickwater (includes 250 bbls of linear gell). ATP 6871psi at 45 BPM Blender had poor control and pumped a high density sand spike causing well to screen out with 9549psi. Shut down with 70 bbls of sand laden fluid in casing. Flow well back to pit until sand cleared up. Attempt to GIH to perforate Stage 2. STS grease injector would not pump grease. RD STS, RU Schlumberger low pressure equipment, GIH and set a 8K Howco FTFP at 11550'. **Perforate Stage 2 Mesaverde 11364'-370', 11476'-481', 11519'-524' 3SPF with a 3 3/8" Power Jet gun.** Flow well for 14 total hrs on a 14/64 ck with 900psi FCP and made 789 BF, BLWTR 842
- 7/22/04 RU Schlumberger PS. Broke down Stage 2 Mesaverde with 4214psi. Frac Stage 2 with 50,500# of 20-40 sand and 101500# of 20-40 SBXL resin coated sand using 1938 bbls of Slickwater pad and YF125ST gell. ATP 6514psi at 50 BPM. ISIP 4400psi. RU Slb Wireline equip and set a Howco 8K FTFP at 11300'. **Perforate Stage 3 Mesaverde**

11158'-162', 11186'-190', 11245'-248', 11284'-286'. Broke down with 5205 psi. Frac with 38,800# of 20-40 sand and 19,000# of 20-40 SBXL using 2334 bbls of Slickwater. ATP 7301psi at 59 BPM. ISIP 4580psi. GIH and set a 8K Howco FTFP at 11010'. Had problems with sand sticking plug, pumped 10 bbls at 1 BPM and freed up plug to set. **Perforate stage 4 Mesaverde 10766'-768', 10816'-821', 10879'-882', 10990'-993'**. Broke down stage 4 with 5948 psi, Frac stage 4 with 21,000# of 20-40 sand and 50,500# of 20-40 SBXL using 1261 bbls of Clear Frac. ATP 5272psi at 51.8 BPM. ISIP 4165psi. Flow well for 9 hrs on a 16/64 ck. with 1050psi FCP and made 879 BF. TR 1668, BLWTR 5496.

- 7/23/2004 RU Schlumberger Wireline and STS 10K lubricator. GIH and **perforate Mesaverde 10350'-355' 3 SPF**. Did not frac this interval. GIH and set a Howco 8K FTFP at 9430'. **Perforate Stage 5 Dark Canyon 9308'-314', 9406'-412' 3 SPF**. Frac stage 5 with 19,000# of sand and 51,800# of 20-40 SBXL sand using 2576 bbls of Slickwater. ATP 6059psi at 60 BPM. ISIP 3600psi. RU wireline and attempt to run a Howco 8K FTFP, plug came apart and stuck in frac head. Disassemble and remove pieces of plug. GIH and set a Howco 8K FTFP at 6926'. **Perforate Stage 6 Wasatch 6782'-787', 6898'-900', 6907'-910'**. RU Slb PS. Broke down Wasatch with 5156psi. Frac with 54,350# of 20-40 sand and 40,950# of 20-40 SBXL resin coated sand using 2788 bbls of Slickwater. ATP 4719psi at 60 BPM. ISIP 1562. Very erratic Pressure plot. Flowed well on a 14 then 16 then 20/64ck with 100psi final FCP and made 787 BF, TR 2255BF, BLWTR 10073 BF. DC \$ 537,176 CC \$2,029,942
- 7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

Run tbg, Drill out FTFP's

- 7/25/04 7:00 AM, Well barely flowing @ 0 psi on open ck. Flowed 575 bbls in 24 hrs. TR 3030. BLWTR 9498. MIRU Pool rig 820 (Alex and Everitt). Water barely flowing over top of valve. NU Weatherford BOP's. RIH w/ Varel 3 3/4" L-2 bit + Weatherford pump off bit sub + XN nipple + 2 3/8" N-80/P110 tbg (f/ Aztec Pipe). SD w/ bit @ +-6700. Left well open to tk on small ck for night. DC \$6220. CWC \$2,053,080. (SCE)
- 7/26/04 Fin RIH and tagged sd @ 6785'. RU Pool power swivel and circ cln to first FTFP @ 6926'. Drill up plug and well kicked off flowing back again. Maintained 1500 psi FCP w/ 40/64" to 3/4" ck to pit. Continued to drill up FTFP's @ 9420', 11000', 11300', pumping wtr @ 1 bpm. RIH to last plug @ 11550'. Turned over to Premier to flow back. DC \$39,047. CWC \$2,092,127.
- 7/27/04 Rig SD today to FB well. Well flowing back @ 2550 FCP, on 20/64" ck. Made 1810 bbls in 12 hrs. TR 4940. BLWTR 7588. DC \$6852. CWC \$2,098,979.
- 7/28/04 Well flowing back @ 1150 FCP, on 24/64" ck. Made 1193 bbls in 12 hrs. TR 6113. BLWTR 6395. RIH to plug @ 11550' and drill up. Cont RIH and tag fill @ 11640'. Cln out to PBTD @ 11731' (76' rat hole). PPOH and LD 163 jts. Landed tbg @ 6669' w/ 206 jts. ND BOPE. NU tree. Broached tbg to SN. Dropped ball and loaded tbg w/

GOODY ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

22 bbls. Pumped off bit and sub. Fld csg for 2 more hrs and cleaned up. RD and ready to move. DC \$28,647 (inc build battery). CWC \$2,127,626.

7/29/04 Well flowed back 720 bbls in 12 hrs, on 20/64" ck. TR 6845. BLWTR 5747. DC \$2000. CWC \$2,129,626.

7/30/04 Well flowed back 497 bbls in 24 hrs, on 24/64" ck. TR 7350. BLWTR 5250. Turned well dn line, thru separator and sold gas while continuing to cln up FB. DC \$2000. CWC \$2,131,626.

8/2/04 SWI for psi build up. (SCE)

8/3/04 SI

8/4/04 Opened well up to sep for flow test. SITP 2700. SICP 2750.

8/5/04 Well flowing this AM w/ 500 FTP and 1150 CP. Made 1.517 MMCF in last 24 hrs. 396 BW and 17 BO on various cks. DC \$2000. CWC \$2,133,626. (SCE)

8/15/04 Late costs: build battery, wtr trucking, Frac tk rental, move tks. DC 31,919. CWC 2,165,545.

Federal 11-21-9-19

Run Production Log

10/17/04 RU Schlumberger Slick line unit (Scott Pitt-Evanston). Ran Memory Production Log (on slickline). (SCE)

11/13/04 MIRU Temples Well serv. Opened csg to sales and blew well dn. Pumped 30 bbls produced water dn tbg to quick kill. ND tree. NU BOPE. PU and RIH w/ 52 jts 2 3/8" N-80 tbg. Well kicked off flowing. Put dn line for night. (KF w/ Premier) DC 6305 CC 6305

11/14/04 Killed tbg and fin RIH. Tag fill @ 11746'. LD 4 jts and landed tbg @ 11622 w/ 367 jts. DN BOPE. NU tree. Tried to unload tbg to tk. No success. SWIFN. Turned well over to pumpers. RDMOL. (KF w/ Premier) DC 4980. CC 11285



July 6, 2005

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Federal Completion Forms
Federal 44-20-9-19
Federal 24-20-9-19
Federal 11-21-9-19
Federal 11-22-9-19
Federal 22-20-10-18
Federal 21-6-10-19
Uintah County, UT

Ladies and Gentlemen::

Enclosed per your request are originally signed Federal Completion Forms for the captioned wells. Be advised that completion forms for the State 24-16-9-19, Federal 41-31-9-19 and the Federal 31-21-9-19 wells will be provided under separate cover.

Sincerely,

Gasco Production Company

Mari A. Johnson
Manager of Property Administration
Direct Telephone: 303-996-1815

Encl.

Cc: Tony Sharp, Gasco Production

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JUL 11 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-78433

1a. Type of Well Oil Gas Dry Other
b. Type of Completion: New Work Over Deepen Plug Back Diff. Reserv.
Other _____

6. If Indian, Allottee or Tribe Name
NA

2. Name of Operator
Gasco Production Company

7. Unit or CA Agreement Name and
NA

3. Address
14 Inverness Drive East, Ste. H-236, Englewood, CO 80112

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

8. Lease Name and Well No.
Federal 11-21-9-19

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface **577' FNL & 522' FWL (NWNW) Sec. 21-T9S-R19E, SLM**

9. API Well No.
43-047-34608

At top prod. interval reported below **SAME**

10. Field and Pool, or Exploratory
Riverbend

At total depth **SAME**

11. Sec., T., R., M., or Block and Survey or Are **21-T9S-R19E**

14. Date Spudded
05/13/04

15. Date T.D. Reached
06/18/04

16. Date Completed D & A Ready to Prod.
07/24/04

12. County or Parish **Uintah** 13. State **Utah**

17. Elevations (DF, RKB, RT, GL)*
4775' KB/ 4761' GL

18. Total Depth: MD **11800** TVD **11800**

19. Plug Back T.D.: MD TVD

20. Depth Bridge Plug Set MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
AE/LC/GR, PE/IT/CL/GR, MICROLOG-IGR, AND FDC/CNL/IGR/SP, GR/CCL/CBL/VDL

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit copy)
Directional Survey? 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" H40	54.4#	surface	223	223	210 Class "A"		surface	
12-1/4"	8-5/8" M-50	28#	surface	3514	3514	540 HiLift + 230 "G"	443	surface	
7-7/8"	4-1/2" P110	13.5#	surface	11800	11800	305 HiLift + 2563 50/50 Poz "G"	749	surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	6669'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Mesaverde	11590	11655	11590-92, 11606-08, 11634-36, 11652-55	3-3/8" gun, .45" EHD	27	producing
B) Mesaverde	11364	11524	11364-370, 11476-481, 11519-524	3-3/8" gun, .45" EHD	48	producing
C) Mesaverde	11158	11286	11158-62, 11186-90, 11245-48, 11284-86	3-3/8" gun, .45" EHD	39	producing
D) Mesaverde	10766	10993	10766-68, 10816-21, 10879-82, 10990-93	3-3/8" gun, .45" EHD	39	producing
E) Mesaverde	10350	10355	10350-355	3-3/8" gun, .45" EHD	15	producing
F) Dark Canyon	9308	9412	9308-314, 9406-412	3-3/8" gun, .45" EHD	36	producing
G) Wasatch	6782	6910	6782-787, 6898-900, 6907-910	3-3/8" gun, .45" EHD	30	producing
H)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
11590-11655	17,950# 20-40 sand & 11,850# of 20-40 SBXL sand, 1631 bbls Slickwater (this incl 250 bbls linear gel).
11364-11524	50,500# 20-40 sand & 101,500# 20-40 SBXL sand, 1938 bbls & YF125ST gel
11158-11286	38,800# 20-40 sand & 19,000# 20-40 SBXL sand, 2334 bbls Slickwater
10766-10993	21,000# 20-40 sand & 50,500# 20-40 SBXL sand, 1261 bbls Clear Frac
10350-10355	No Frac
9308-9412	19,000# 20-40 sand & 51,800# 20-40 SBXL sand, 2576 bbls Slickwater
6782-6910	54,350# 20-40 sand & 40,950# 20-40 SBXL sand, 2788 bbls Slickwater

28. Production - Interval A-G Commingled Lower Mesaverde, Mesaverde, Dark Canyon and Wasatch

Date First Produced	Test Date	Hours Tested	Test Producti	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/24/04	08/05/04	24	→	17	1,517	396	55		Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.							Producing
18/64"	500	1150	→	17	1517	396	55		

Date First Produced	Test Date	Hours Tested	Test Producti	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI								
			→						

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(See instructions and spaces for additional data on reverse side)

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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28b. Production

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
Uintah	Surface	5,484			
Wasatch	5,484	9,292			
Mesaverde	9,292	10,868			
Lower Mesaverde	10,868	11,800	TD @ 11,800' within Mesaverde		

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) John Longwell Title Operations Manager
 Signature  Date September 8, 2004

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.

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JUL 11 2005

DIV. OF OIL, GAS & MINING

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)
 577' FNL & 522' FWL NW NW of Section 21-T9S-R19E

5. Lease Serial No.
 UTU-78433

6. If Indian, Allottee, or Tribe Name
 NA

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

8. Well Name and No
 Federal 11-21-9-19

9. API Well No.
 43-047-34608

10. Field and Pool, or Exploratory Area
 Riverbend

11. County or Parish, State
 Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Other _____
	<input 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 checked="" 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 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 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.

This is to inform you that we will be disposing of water from this well as follows:

All produced water from this well will be trucked off the location and disposed of at Brennan bottom Water Disposal located between Roosevelt and Vernal Utah.

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

RECEIVED

APR 26 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed Typed)

Beverly Walker

Title

Engineering Technician

Signature

Beverly Walker

Date

April 20, 2006

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.

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-78433
2. Name of Operator Gasco Production Company		6. If Indian, Allottee, or Tribe Name NA
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112	3b. Phone No. (include area code) 303-483-0044	7. If Unit or CA Agreement Name and/or No NA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 577' FNL & 522' FWL NW NW of Section 21-T9S-R19E		8. Well Name and No Federal 11-21-9-19
		9. API Well No. 43-047-34608
		10. Field and Pool, or Exploratory Area Riverbend
		11. County or Parish, State Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" 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 type="checkbox"/> Other _____
	<input 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 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 recompleat 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 recompleat 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.

This well was started on production on 7/24/04.

RECORDED

APR 26 2006

DIV. OF OIL, GAS & MIN. INDS

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

Name (Printed/Typed) Beverly Walker	Title Engineering Technician
Signature <i>Beverly Walker</i>	Date April 20, 2006

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.

5. Lease Serial No.	UTU-78433
6. If Indian, Allottee, or Tribe Name	NA
7. If Unit or CA, Agreement Name and/or No	NA
8. Well Name and No.	Federal 11-21-9-19
9. API Well No.	43-047-34608
10. Field and Pool, or Exploratory Area	Riverbend
11. County or Parish, State	Uintah County, Utah

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> 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) 577' FNL & 522' FWL NW NW of Section 21-T9S-R19E	

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" 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 <u>EFM Meter</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon		
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This sundry is being sent to inform you that we will be using a Ferguson Beauregard EFM (Model 3500) to measure production from this well and will be considered as the point of sale for gas produced from this well. A temperature probe has been installed for gas measurement purposes. This unit does have a digital readout display and will be inspected and proved according to all BLM regulations.

RECEIVED

APR 26 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/Typed) Beverly Walker	Title Engineering Technician
Signature 	Date April 20, 2006

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- 4/12/04 Rd work 90% finished. MI D-8 cat to build loc. (SCE)
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Federal 11-21-9-19 - Completion

- 7/20/04 RU SLB Wireline (Dwayne) and ran CBL/CCL/Gamma Ray log. RU Double Jack testing and psi tested csg to 9000 psi, ok. Perforated Stage 1 f/ 11590' - 92, 11606 - 08, 11634 - 36, 11652 - 55, 3 SPF w/ 3 3/8" Powerjet guns, .45 EHD, 38.6" pen, 22.7 gm chgs. Well ready to frac. DC 53946. CWC 1,492,766. (SCE)
- 7/21/2004 RU Schlumberger PS, Broke down Stage 1 at 5027psi. Pump 250 Bbls of 20# linear gell and perform step rate test. ISIP 4402psi, 26 holes open. Frac Lower Mesaverde with 17,950# of 20-40 sand and 11,850# of 20-40 SBXL resin coated sand, using 1631 total bbls of slickwater (includes 250 bbls of linear gell). ATP 6871psi at 45 BPM Blender had poor control and pumped a high density sand spike causing well to screen out with 9549psi. Shut down with 70 bbls of sand laden fluid in casing. Flow well back to pit until sand cleared up. Attempt to GIH to perforate Stage 2. STS grease injector would not pump grease. RD STS, RU Schlumberger low pressure equipment, GIH and set a 8K Howco FTFP at 11550'. Perforate Stage 2 Mesaverde 11364'-370', 11476'-481', 11519'-524' 3SPF with a 3 3/8" Power Jet gun. Flow well for 14 total hrs on a 14/64 ck with 900psi FCP and made 789 BF, BLWTR 842
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SEP 29 2006

DIV. OF OIL, GAS & MINING

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DC \$ 537,176 CC \$2,029,942

7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

Run tbg, Drill out FTFP's

7/25/04 7:00 AM, Well barely flowing @ 0 psi on open ck. Flowed 575 bbls in 24 hrs. TR 3030. BLWTR 9498. MIRU Pool rig 820 (Alex and Everitt). Water barely flowing over top of valve. NU Weatherford BOP's. RIH w/ Varel 3 3/4" L-2 bit + Weatherford pump off bit sub + XN nipple + 2 3/8" N-80/P110 tbg (f/ Aztec Pipe). SD w/ bit @ +6700. Left well open to tk on small ck for night. DC \$6220. CWC \$2,053,080. (SCE)

7/26/04 Fin RIH and tagged sd @ 6785'. RU Pool power swivel and circ cln to first FTFP @ 6926'. Drill up plug and well kicked off flowing back again. Maintained 1500 psi FCP w/ 40/64" to 3/4" ck to pit. Continued to drill up FTFP's @ 9420', 11000', 11300', pumping wtr @ 1 bpm. RIH to last plug @ 11550'. Turned over to Premier to flow back. DC \$39,047. CWC \$2,092,127.

7/27/04 Rig SD today to FB well. Well flowing back @ 2550 FCP, on 20/64" ck. Made 1810 bbls in 12 hrs. TR 4940. BLWTR 7588. DC \$6852. CWC \$2,098,979.

GASCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

- 7/28/04 Well flowing back @ 1150 FCP, on 24/64" ck. Made 1193 bbls in 12 hrs. TR 6113. BLWTR 6395. RIH to plug @ 11550' and drill up. Cont RIH and tag fill @ 11640'. Cln out to PBSD @ 11731' (76' rat hole). PPOH and LD 163 jts. Landed tbg @ 6669' w/ 206 jts. ND BOPE. NU tree. Broached tbg to SN. Dropped ball and loaded tbg w/ 22 bbls. Pumped off bit and sub. Fld csg for 2 more hrs and cleaned up. RD and ready to move. DC \$28,647 (inc build battery). CWC \$2,127,626.
- 7/29/04 Well flowed back 720 bbls in 12 hrs, on 20/64" ck. TR 6845. BLWTR 5747. DC \$2000. CWC \$2,129,626.
- 7/30/04 Well flowed back 497 bbls in 24 hrs, on 24/64" ck. TR 7350. BLWTR 5250. Turned well dn line, thru separator and sold gas while continuing to cln up FB. DC \$2000. CWC \$2,131,626.
- 8/2/04 SWI for psi build up. (SCE)
- 8/3/04 SI
- 8/4/04 Opened well up to sep for flow test. SITP 2700. SICP 2750.
- 8/5/04 Well flowing this AM w/ 500 FTP and 1150 CP. Made 1.517 MMCF in last 24 hrs. 396 BW and 17 BO on various cks. DC \$2000. CWC \$2,133,626. (SCE)
- 8/15/04 Late costs: build battery, wtr trucking, Frac tk rental, move tks. DC 31,919. CWC 2,165,545.

Federal 11-21-9-19

Run Production Log

- 10/17/04 RU Schlumberger Slick line unit (Scott Pitt-Evanston). Ran Memory Production Log (on slickline). (SCE)
-
- 11/13/04 MIRU Temples Well serv. Opened csg to sales and blew well dn. Pumped 30 bbls produced water dn tbg to quick kill. ND tree. NU BOPE. PU and RIH w/ 52 jts 2 3/8" N-80 tbg. Well kicked off flowing. Put dn line for night. (KF w/ Premier) DC 6305 CC 6305
- 11/14/04 Killed tbg and fin RIH. Tag fill @ 11746'. LD 4 jts and landed tbg @ 11622 w/ 367 jts. DN BOPE. NU tree. Tried to unload tbg to tk. No success. SWIFN. Turned well over to pumpers. RDMOL. (KF w/ Premier) DC 4980. CC 11285
-
- 9/26/06 MORU service unit, lay pump and lines and pump 30 bbls down tbg. NDWH and NU BOP. Pick up on tbg and pulled 15K over. Worked pipe for 15 min and tbg pulled free. Start out of hole w/ tbg and BHA. POOH w/ 87 jts and shut down for day, leave well open to sales. (Rick w/ Premier / CR) DC \$ 7758 CCC \$ 19,043

GASCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

- 9/27/06 Well flowing this AM @ 600 psi. Pump 20 bbls down tbg and cont, POOH w/ tbg. POOH w/ 276 jts (362 total) and BHA. Bottom 6 jts covered in light scale. Pick up 3 ¾ mill, X-over and RIH w/ tbg. RIH w/ 50 jts and rig up swab, RIH w/ sinker bars to find bumper spring in tbg, found bumper spring 8 jts off bottom w/ sand line. Rig down swab and POOH w/ tbg laying down last 10 jts. turn well down sales and shut down for day. (CR) DC \$ 6316 CCC \$ 25,359
- 9/28/06 Well flowing this AM @ 200 psi. Pump 70 bbls to control well, pick up 3 ¾ mill and X-over. RIH w/ 290 jts and tag up @ 9290'. POOH w/ 64 jts laying down and RIH w/ 31 stands. Land well @ 9225' w/ 288 jts (75 total jts layed down from string). RDMO location. DC \$ 6223 CCC \$ 31,582

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)

5. Lease Serial No.
UTU-78433

6. If Indian, Allottee, or Tribe Name

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

8. Well Name and No.
See list below

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

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 type="checkbox"/> Other _____
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This is to inform you that effective immediately we will be disposing of produced water from wells within this lease as follows:

All produced water from this well will be trucked off the location and disposed of at the Desert Spring State Evaporation Facility NW 1/4 of Section 36-T9S-R18E Uintah County, Utah. Which is accepted by the Gasco Production Company. A copy of the approved permit for this facility is attached.

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

The wells within this lease are:

- ★ Federal 11-21-9-19 NW NW of Sec 21-T9S-R19E Uintah Cnty, Utah 043-047-34608**
- Federal 11-22-9-19 NW NW of Sec 22-T9S-R19E Uintah Cnty, Utah 043-047-35404**
- Federal 23-21-9-19 NE SW of Sec 21-T9S-R19E Uintah Cnty, Utah 043-047-34199**
- Lytham Fed 22-22-9-19 SE NW of Sec 22-T9S-R19E Uintah Cnty, Utah 043-047-34607**
- Federal 31-21-9-19 NW NE of Sec 21-T9S-R19E Uintah Cnty, Utah 043-047-35606**

**RECEIVED
OCT 24 2006**

DIV. OF OIL, GAS & MINING

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

Name (Printed Typed) **Beverly Walker** Title **Engineering Tech**

Signature *Beverly Walker* Date **October 18, 2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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DEC 14 2006

DIV. OF OIL, GAS & MINING

GASCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

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DC \$ 537,176 CC \$2,029,942

7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

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GASCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

- 7/28/04 Well flowing back @ 1150 FCP, on 24/64" ck. Made 1193 bbls in 12 hrs. TR 6113. BLWTR 6395. RIH to plug @ 11550' and drill up. Cont RIH and tag fill @ 11640'. Cln out to PBD @ 11731' (76' rat hole). PPOH and LD 163 jts. Landed tbg @ 6669' w/ 206 jts. ND BOPE. NU tree. Broached tbg to SN. Dropped ball and loaded tbg w/ 22 bbls. Pumped off bit and sub. Fld csg for 2 more hrs and cleaned up. RD and ready to move. DC \$28,647 (inc build battery). CWC \$2,127,626.
- 7/29/04 Well flowed back 720 bbls in 12 hrs, on 20/64" ck. TR 6845. BLWTR 5747. DC \$2000. CWC \$2,129,626.
- 7/30/04 Well flowed back 497 bbls in 24 hrs, on 24/64" ck. TR 7350. BLWTR 5250. Turned well dn line, thru separator and sold gas while continuing to cln up FB. DC \$2000. CWC \$2,131,626.
- 8/2/04 SWI for psi build up. (SCE)
- 8/3/04 SI
- 8/4/04 Opened well up to sep for flow test. SITP 2700. SICP 2750.
- 8/5/04 Well flowing this AM w/ 500 FTP and 1150 CP. Made 1.517 MMCF in last 24 hrs. 396 BW and 17 BO on various cks. DC \$2000. CWC \$2,133,626. (SCE)
- 8/15/04 Late costs: build battery, wtr trucking, Frac tk rental, move tks. DC 31,919. CWC 2,165,545.

Federal 11-21-9-19

Run Production Log

- 10/17/04 RU Schlumberger Slick line unit (Scott Pitt-Evanston). Ran Memory Production Log (on slickline). (SCE)
-
- 11/13/04 MIRU Temples Well serv. Opened csg to sales and blew well dn. Pumped 30 bbls produced water dn tbg to quick kill. ND tree. NU BOPE. PU and RIH w/ 52 jts 2 3/8" N-80 tbg. Well kicked off flowing. Put dn line for night. (KF w/ Premier) DC 6305 CC 6305
- 11/14/04 Killed tbg and fin RIH. Tag fill @ 11746'. LD 4 jts and landed tbg @ 11622 w/ 367 jts. DN BOPE. NU tree. Tried to unload tbg to tk. No success. SWIFN. Turned well over to pumpers. RDMOL. (KF w/ Premier) DC 4980. CC 11285
- 9/26/06 MORU service unit, lay pump and lines and pump 30 bbls down tbg. NDWH and NU BOP. Pick up on tbg and pulled 15K over. Worked pipe for 15 min and tbg pulled free. Start out of hole w/ tbg and BHA. POOH w/ 87 jts and shut down for day, leave well open to sales. (Rick w/ Premier / CR) DC \$ 7758 CCC \$ 19,043

GASCO ENERGY - Federal 11-21-9-19
NE/NW Sec. 21, T9S, R19E
Uintah County, Utah
DAILY COMPLETION REPORT

- 9/27/06 Well flowing this AM @ 600 psi. Pump 20 bbls down tbg and cont, POOH w/ tbg. POOH w/ 276 jts (362 total) and BHA. Bottom 6 jts covered in light scale. Pick up 3 ¾ mill, X-over and RIH w/ tbg. RIH w/ 50 jts and rig up swab, RIH w/ sinker bars to find bumper spring in tbg, found bumper spring 8 jts off bottom w/ sand line. Rig down swab and POOH w/ tbg laying down last 10 jts. turn well down sales and shut down for day. (CR) DC \$ 6316 CCC \$ 25,359
- 9/28/06 Well flowing this AM @ 200 psi. Pump 70 bbls to control well, pick up 3 ¾ mill and X-over. RIH w/ 290 jts and tag up @ 9290'. POOH w/ 64 jts laying down and RIH w/ 31 stands. Land well @ 9225' w/ 288 jts (75 total jts layed down from string). RDMO location. DC \$ 6223 CCC \$ 31,582
- 12/2/06 MORU service unit, pump 30 bbls down tbg and NDWH and NU BOP. Leave casing open to sales and SDFD. (Rick w/ Premier / CR) DC \$ 4644 CC \$ 36,226
- 12/5/06 Rig up Maverick and break circ. RIH w/ 2 jts and tag up @ 9291' and start drilling. Drill out 4 jts to 9423' and fall through. RIH w/ 40 jts and tag up @ 10,728', have to pull 20 k over to pull free. Circulate bottoms up and SDFD. (Rick w/ Premier / CR) DC \$ 18,903 CC \$55,129
- 12/6/06 Pump 20 bbls down tbg. Maverick had trouble getting nitrogen motor started. Finally running @ 9:30. Drill down to 10,758 and fall through, RIH w/ 21 jts and tag up @ 11,401'. Drill down 37' in 3 hours, very hard scale. Circ bottoms up and SDFD. (Rick w/ Premier / CR) DC \$ 18,203 CC \$ 73,332
- 12/7/06 Open well up and pump 20 bbls down tbg to clear mill. Break circ and start drilling, drill down to 11,444' and pin on kellycock valve parted. Drop tbg 15' and catch in slips, lay down swivel and POOH w/ 1 jt. Pick up 10' sub and break circ. Well circulated good but tbg stuck. Work tbg with and with out torque while circ w/ no luck. Leave well flowing and SDFD w/ 70k pulled into tbg. (Rick w/ Premier / CR) DC \$ 26,698 CC \$ 100,030
- 12/8/06 Well flowing this AM @ 200 psi. Tbg still stuck, work tbg from neutral to 80k while wireline rigged up. Pick up free point tool and RIH. could not get past 10,168'. Pick up chemical cutter and cut TBG off @ 11,365' wireline depth. Rig down BWWC and POOH w/ 144 jts. Leave csg to sales and SDFD. (Rick w/ Premier / CR) DC \$ 22,516 CC \$ 122,546
- 12/9/06 Well flowing this AM @ 250 psi. Pump 30 bbls and continue POOH w/ tbg. Pull 48 stands and tongs hung up on collar. Lay down bent joints and wait for 3 hrs on new tongs. Rig up new tongs and finish POOH. Leave well open to sales and SDFD. (Rick w/ Premier / CR) DC \$ 5652 CC \$ 128,198
- 12/10/06 Open well up and pick up BHA. RIH w/ tbg and latch on to fish. Start setting off jars and trying to work fish loose. Jars failed after 6 hits, try to free fish with bumper sub with no luck. Release overshot and start out of hole w/ tbg. Leave well open to sales and SDFD. (Rick w/ Premier / CR) DC \$ 11,678 CC \$ 139,867

GASCO ENERGY - Federal 11-21-9-19
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Uintah County, Utah
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- 12/12/06 POOH w/ 344 jts tbg and change out jars and intensifier. RIH w/ BHA and latch onto fish w/ 351 jts tbg, start jarring on fish. Unable to jar loose, leave well open to sales and SDFD. DC \$ 7438 CC \$ 147,305
- 12/13/06 Well flowing this AM @ 200 psi. Break circ and start jarring on fish while circ bottoms up. Release over shot and lay down 10 jts. ND BOP and NUWH, RDMO location. DC \$ 3707 CC \$ 151,012

- 4/7/04 Huffman Enterprises building rd into loc. (SCE)
- 4/12/04 Rd work 90% finished. MI D-8 cat to build loc. (SCE)
- 4/15/04 Loc finished and still working on reserve pit. Haven't had to blast to build loc. (SCE)
- 4/20/04 Finishing loc and pit today. Had to blast bottom of pit to get deep enough. (SCE)
- 4/23/04 MIRU Craig's Roustabout rathole rig. Spudded well 9:00 AM 4/22/04. Ran 17 1/4' hammer bit and air/foam drilled to conductor TD 230'. SDFN. (SCE)
- 4/24/04 RIH w/ guide shoe + 5 jts 13 3/8" 54.5# ST&C csg, to 223' GL. RU Halliburton. cmt'ed csg back to surface w/ 210 sx Class "A" regular cmt. Approx 10 bbls cmt returns to pit. SWIFN to let cmt set.
- 4/25/04 RIH w/ 12 1/4" bit. Pre drilled hole to 805'. Drilled rat and mouse hole. RDMOL. (SCE)
- 5/8/04 Start moving Nabors rig 924 to location.
- 5/8/04 thru 5/11/04 Continue moving rig 924 and rigging up same.
- 5/12/04 Raised Derrick, rig totally on location. Replaced both shale shakers with rebuilt matching linear shakers. Rebuild choke manifold and replace worn out parts.

Federal 11-21-9-19 - Completion

- 7/20/04 RU SLB Wireline (Dwayne) and ran CBL/CCL/Gamma Ray log. RU Double Jack testing and psi tested csg to 9000 psi, ok. Perforated Stage 1 f/ 11590' - 92, 11606 - 08, 11634 - 36, 11652 - 55, 3 SPF w/ 3 3/8" Powerjet guns, .45 EHD, 38.6" pen, 22.7 gm chgs. Well ready to frac. DC 53946. CWC 1,492,766. (SCE)
- 7/21/2004 RU Schlumberger PS, Broke down Stage 1 at 5027psi. Pump 250 Bbls of 20# linear gell and perform step rate test. ISIP 4402psi, 26 holes open. Frac Lower Mesaverde with 17,950# of 20-40 sand and 11,850# of 20-40 SBXL resin coated sand, using 1631 total bbls of slickwater (includes 250 bbls of linear gell). ATP 6871psi at 45 BPM Blender had poor control and pumped a high density sand spike causing well to screen out with 9549psi. Shut down with 70 bbls of sand laden fluid in casing. Flow well back to pit until sand cleared up. Attempt to GIH to perforate Stage 2. STS grease injector would not pump grease. RD STS, RU Schlumberger low pressure equipment, GIH and set a 8K Howco FTFP at 11550'. Perforate Stage 2 Mesaverde 11364'-370', 11476'-481', 11519'-524' 3SPF with a 3 3/8" Power Jet gun. Flow well for 14 total hrs on a 14/64 ck with 900psi FCP and made 789 BF, BLWTR 842
- 7/22/04 RU Schlumberger PS. Broke down Stage 2 Mesaverde with 4214psi. Frac Stage 2 with 50,500# of 20-40 sand and 101500# of 20-40 SBXL resin coated sand using 1938

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bbls of Slickwater pad and YF125ST gell. ATP 6514psi at 50 BPM. ISIP 4400psi. RU Slb Wireline equip and set a Howco 8K FTFP at 11300'. Perforate Stage 3 Mesaverde 11158'-162', 11186'-190', 11245'-248', 11284'-286'. Broke down with 5205 psi. Frac with 38,800# of 20-40 sand and 19,000# of 20-40 SBXL using 2334 bbls of Slickwater. ATP 7301psi at 59 BPM. ISIP 4580psi. GIH and set a 8K Howco FTFP at 11010'. Had problems with sand sticking plug, pumped 10 bbls at 1 BPM and freed up plug to set. Perforate stage 4 Mesaverde 10766'-768', 10816'-821', 10879'-882', 10990'-993'. Broke down stage 4 with 5948 psi, Frac stage 4 with 21,000# of 20-40 sand and 50,500# of 20-40 SBXL using 1261 bbls of Clear Frac. ATP 5272psi at 51.8 BPM. ISIP 4165psi. Flow well for 9 hrs on a 16/64 ck. with 1050psi FCP and made 879 BF. TR 1668, BLWTR 5496.

7/23/2004 RU Schlumberger Wireline and STS 10K lubricator. GIH and perforate Mesaverde 10350'-355' 3 SPF. Did not frac this interval. GIH and set a Howco 8K FTFP at 9430'. Perforate Stage 5 Dark Canyon 9308'-314', 9406'-412' 3 SPF. Frac stage 5 with 19,000# of sand and 51,800# of 20-40 SBXL sand using 2576 bbls of Slickwater. ATP 6059psi at 60 BPM. ISIP 3600psi. RU wireline and attempt to run a Howco 8K FTFP, plug came apart and stuck in frac head. Disassemble and remove pieces of plug. GIH and set a Howco 8K FTFP at 6926'. Perforate Stage 6 Wasatch 6782'-787', 6898'-900', 6907'-910'. RU Slb PS. Broke down Wasatch with 5156psi. Frac with 54,350# of 20-40 sand and 40,950# of 20-40 SBXL resin coated sand using 2788 bbls of Slickwater. ATP 4719psi at 60 BPM. ISIP 1562. Very erratic Pressure plot. Flowed well on a 14 then 16 then 20/64ck with 100psi final FCP and made 787 BF, TR 2255BF, BLWTR 10073 BF.
DC \$ 537,176 CC \$2,029,942

7/24/04 7:00 AM, Well flowing w/ 700 FCP on 20/64" ck. Flowed 787 bbls in 10 hrs. TR 2455. BLWTR 10073. DC \$16,918. CWC \$2,046,860. (SCE)

Run tbg, Drill out FTFP's

7/25/04 7:00 AM, Well barely flowing @ 0 psi on open ck. Flowed 575 bbls in 24 hrs. TR 3030. BLWTR 9498. MIRU Pool rig 820 (Alex and Everitt). Water barely flowing over top of valve. NU Weatherford BOP's. RIH w/ Varel 3 3/4" L-2 bit + Weatherford pump off bit sub + XN nipple + 2 3/8" N-80/P110 tbg (f/ Aztec Pipe). SD w/ bit @ +-6700. Left well open to tk on small ck for night. DC \$6220. CWC \$2,053,080. (SCE)

7/26/04 Fin RIH and tagged sd @ 6785'. RU Pool power swivel and circ cln to first FTFP @ 6926'. Drill up plug and well kicked off flowing back again. Maintained 1500 psi FCP w/ 40/64" to 3/4" ck to pit. Continued to drill up FTFP's @ 9420', 11000', 11300', pumping wtr @ 1 bpm. RIH to last plug @ 11550'. Turned over to Premier to flow back. DC \$39,047. CWC \$2,092,127.

7/27/04 Rig SD today to FB well. Well flowing back @ 2550 FCP, on 20/64" ck. Made 1810 bbls in 12 hrs. TR 4940. BLWTR 7588. DC \$6852. CWC \$2,098,979.

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- 12/13/06 Well flowing this AM @ 200 psi. Break circ and start jarring on fish while circ bottoms up. Release over shot and lay down 10 jts. ND BOP and NUWH, RDMO location. DC \$ 3707 CC \$ 151,012
- 12/19/06 MORU service unit, haul and set auxiliary equipment. SDFD (CR) DC \$ 5979 CC \$ 156,991
- 12/20/06 NDWH and NU BOP, RIH w/ 10 jts and catch fish top. Break circ and start jarring on fish, jars failed after 3 ½ hrs. Release fishing tools and POOH w/ tbg. Close well in and SDFD. (CR) DC \$ 5813 CC \$ 162,804
- 12/21/06 Open well up this AM and pick up 3 ¾ wash pipe and shoe and RIH w/ tbg. Tag up and pick up swivel, break circulation and wash over fish. Made 6' and circ bottoms up, POOH w/ 1 stands and close well in, SDFD (CR) DC \$ 6734 CC \$ 169,538
- 12/22/06 Open well up and RIH w/ 20 jts, tag up on fish and break circ. Circulate bottoms up and POOH w/ tbg and wash pipe. Pick up 3 ¾ overshot and tools and RIH w/ 80 jts tbg. Close well in and SDFD. (CR) DC \$ 6734 CC \$ 176,272
- 12/23/06 Open well up and finish RIH w/ tbg. Tag up on fish @ 11,336', while working over fish fell 120'. Catch fish and POOH w/ tbg and BHA, lay down BHA and fish. Close well in and SDFD. (CR) DC \$ 4547 CC \$ 183,006
- 12/27/06 Well pressured up to 800 psi this AM, blow down csg to sales and pump 60 bbls. Well pressured up, flowback to tank and recover 60 bbls. Pump 40 bbls down hole and RIH w/ 3 ¾ mill, X-over, and 358 jts tbg. Tag up @ 11,506', rig up swivel and turn well down sales for night. SDFD (CR) DC \$6820 CC \$ 189,740
- 12/28/06 Open well up with 200/200. RIH w/ 1 jt and tag up, break circ and start drilling. Clean out to 11,546' and fall through. RIH w/ 4 jts to 11,708' (364 total) and circ bottoms up. POOH w/ tbg and BHA, pick up notched collar, X-nipple and RIH w/ 208 jts. leave casing to sales and SDFD. (Rick w/ Premier / CR) DC \$ 7638 CC \$ 197,378
- 12/29/06 Open well up and finish RIH w/ 151 jts, broach tbg and land well @ 11,555 w/ 359 jts. ND BOP and NUWH, rig up Maverick and try to blow well around w/ N2. rig up swab and start swabbing, recover 18 bbls in 4 runs. Leave tbg to sales and shut down for night. (Rick w/ Premier / CR) DC \$16,388 CC \$ 213,766
- 12/30/06 Open well up and rig up swab. IFL 2800', made 25 runs and recovered 72 bbls. FFL 4000' with lots of grit in well bore, have to change cups every run. (Rick w/ Premier / CR) DC 6773 CC \$ 220,539

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- 12/31/06 Open well up w/ 100 / 1700 psi. Rig up swab and start swabbing, recover 82 bbls in 28 runs. Fluid still very gritty have to change out cups every run. (Rick w/ Premier / CR) DC \$ 6136 CC \$ 226,675
- 1/3/07 Open well up w/ 150/1700 psi. Rig up swab and recover 32 bbls in 12 runs, well started flowing. Unload well to tank and try to turn down line, well died in 20 min. rig up swab and make 1 run well started flowing, put tbg to sales and SDFD (Rick w/ Premier / CR) DC \$ 6918 CC \$ 233,593
- 1/4/07 Well not flowing this AM. Rig up swab and make 5 runs recovering 30 bbls. Well kick off flowing, watch well for 3 hrs and drop plunger, wait for 1 ½ hrs and cycle plunger. Plunger up in 2 min no fluid, scale and rubber trapped around plunger. Rig up swab and make 1 run, recovered no fluid and cup packed full of grit and rubber. Clean cups and RIH w/ swab, recover 300' of fluid. Well on a vacuum after run, leave tbg to sales and SDFD. (Rick w/ Premier / CR) DC \$ 6183 CC \$ 239,776
- 1/5/07 open well up w/ 100/1700 psi , rig up swab and make 11 runs recovering 28 bbls and well started flowing. Flow to tank and unload well recovering 50 bbls (78 total). Put well to sales and SDFD. (Rick w/ Premier / CR) DC \$ 6601 CC \$ 246,377
- 1/6/07 Blow down tbg and drop plunger, rig up swab and make 5 runs recovering 20 bbls and well kicked off flowing. Unload well to tank and shut well in for plunger run. Plunger tripped in 22 min recovering 3 bbls of fluid. Turn well over to pumpers and RDMO location. (Rick w/ Premier / CR) DC \$ 5976 CC \$ 252,353

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: <u>4/16/2015</u>	<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, Exec. Vice President & COO

Badlands Production Company
7979 E Tufts Ave, Suite 1150
Denver CO 80237
303-996-1805



Michael Decker, Exec. Vice President & COO

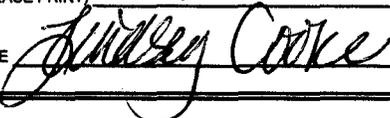
RECEIVED

JUN 02 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Lindsey Cooke**

TITLE **Engineering Tech**

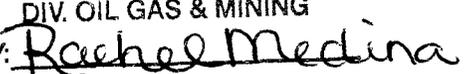
SIGNATURE 

DATE **5/18/2015**

(This space for State use only)

APPROVED

JAN 22 2016

DIV. OIL GAS & MINING
BY: 

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