

Form 3160-3
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-76266
6a. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name na
2. Name of Operator Mak-J Energy Operating Company, LLC		7. If Unit or CA Agreement, Name and No. na (proposed Big Pack Unit)
3a. Address 370 17th Street, Suite 2710 Denver, Colorado 80202		8. Lease Name and Well No. Big Pack Unit #21-15
3b. Phone No. (include area code) 303-339-5873		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 577' FNL & 1760' FWL At proposed prod. zone same as above		10. Field and Pool, or Exploratory Unnamed
14. Distance in miles and direction from nearest town or post office* 18.5 miles to Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 15, T11S-R20E, S.L.B. &M.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 577'	16. No. of acres in lease 1,680	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 40	13. State Ut	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. na	19. Proposed Depth 9,450'	20. BLM/BIA Bond No. on file UTB000160
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5255' graded ground level	22. Approximate date work will start* 07/01/2005	23. Estimated duration 8 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:

- | | |
|--|--|
| <ol 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, the SUPO shall be filed with the appropriate Forest Service Office). | <ol 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 officer. |
|--|--|

25. Signature 	Name (Printed/Typed) Todd S. McDonald	Date 04/05/2005
Title Vice President		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

*(Instructions on page 2)

EIGHT POINT DRILLING PLAN
Attached to Form 3160-3: Application for Permit to Drill
Mak-J Energy Operating Company, LLC
Big Pack Unit #21-15
Federal Lease Number UTU-76266
557' FNL & 1760' FWL, Sec 15, T11S- R20E, SLB&M
Uintah County, Utah

1. ESTIMATED TOPS - IMPORTANT GEOLOGIC MARKERS

Uinta	0'
Green River	562'
Wasatch	3744'
Mesaverde	6767'
Neslen	8021'
Sego	8796'
Castlegate	8998'
Mancos	9298'
Total Depth	9450'

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Water:	Green River:	occasional sands from 562' to 3744'
	Wasatch:	occasional sands from 3744' to 6767'
	Mesaverde:	occasional sands from 6767' to 8796'
Oil:		no oil is anticipated during the drilling of this well
Gas:	Wasatch:	occasional sands from 3744' to 6767'
	Mesaverde:	occasional sands from 6767' to 8021'
	Neslen:	occasional sands and coals from 8021' to 8796'
	Sego:	occasional sands from 8796' to 8998'
	Castlegate	occasional sands from 8998' to 9298'
	Mancos	occasional sands from 9298' to 9450'

3. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

- a. A diagram of the Blowout Preventer Stack and Choke Manifold is presented in Exhibit #1 and #1A.
- b. A 3M (3,000 psi minimum Working Pressure) system will be required for this operation and will consist of:
 - i. The Blow-Out Preventer Stack Description and Specifications:
 - An 8-5/8" x 11" SOW 3,000 psi WP casing head will be installed as the starting head.
 - An 11" 3,000 psi x 11" 3,000 psi WP drilling spool will be installed on the starting head.

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- An 11" x 3,000 psi WP (min) double gate hydraulic type ram preventer with pipe rams over blind rams will be installed above the drilling spool.
 - An 11" x 3,000 psi (WP) annular preventer will be installed on top of the double gate preventer.
 - An 11" rotating head may be installed above an annular preventer.
- ii. The Choke and Kill Manifolds:
- A 2" x 3,000 psi (min) kill line and a 3" x 3,000 psi (min) choke line will be tied into opposite sides of the 11" x 3,000 psi WP (min) drilling spool.
 - Two 3" x 3,000 psi (min) WP FO gate valves will be up-stream of the choke manifold assembly. These valves will be in the open position during normal drilling operations.
 - The choke manifold will consist of both 2" & 3" x 3,000 psi (min) WP pipe (see Exhibit 1). The 3" pipe will be the bleed line to the flare pit. There will be 2 - 2" lines, both directed to the mud gas separator or pit. There will be 2 - 2" x 3,000 psi (min) WP FO adjustable chokes downstream of 2 - 2" x 3000 psi (min) WP FO valves on the 2" lines. These valves will be closed during normal mud drilling operations. A single 3" x 3,000 psi (min) WP FO gate valve will be between the flow tee and the 3"(min) bleed line. This valve will be closed during normal mud drilling operations. In-board of the gate valves in the manifold assembly there will be a 3" x 3,000 (min) psi WP flow tee with bull plug, needle valve, and gauge for well control operations.
 - The bleed line will be appropriately staked and chained down to the flare pit.
 - The 2" kill line will consist of 2 valves (3,000 psi min) one of which will be a check valve.
- iii. Surface Drill String Valves:
- A 3,000 psi WP (min) FO safety valve with subs to fit all drill strings in use will be kept on the drill floor after surface casing is set.
 - A 3,000 psi (min) WP Upper kelly valve with handle will be used throughout drilling operations.
- iii. The Accumulator System:
- The 3M system accumulator shall have sufficient capacity to close all BOP equipment and retain a minimum of 200 psi above the pre-charge pressure on the closing manifold without the use of the closing pumps. A nitrogen bottle system may be used to provide independent (reserve) power to operate the system in the event rig motors must be shut

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down.

c. Testing Procedures and Test Frequency:

- All of the pressure side BOP Equipment specified in Part b. above will be nipped-up on the surface casing. A test plug will then be set in the starting head profile.
- All ram type preventers and associated equipment will be hydraulically tested for ten (10) minutes (min) to 3000 psi and five (5) minutes (min) to 300 psi prior to drilling out cement. The annular preventer shall be tested to 1500 psi (50% of rated working pressure). Surface casing will be pressure tested to 1500 psi before drilling out the surface casing shoe. These components will be re-tested every 30 days, whenever any seal subject to test pressure is broken, and following any related repairs.
- Pipe rams will be operationally checked each 24-hour period and the blind rams operationally checked each time pipe is pulled from the hole.
- All pressure tests and function tests will be noted on the daily drilling report.

d. Tripping procedures for well control:

- The maximum bottom-hole pressure is 4025 psi in the Mancos. Anticipated mud weight at total depth is 9.5 ppg. At Mancos depth this will provide an anticipated hydrostatic pressure of 4595 psi for an over-balance pressure of +/-570 psi.
- The well will be drilled by a triple, double, or lay-down singles derrick rig with 4-1/2" drill pipe and 6" (minimum) drill collars.
- The well will be monitored each 9-10 joints on trips out of the hole to insure that the BHA is not swabbing the well in. The well will be filled after each 30 joints of drill pipe and as each drill collar is pulled from the hole. Pits will be monitored in order to insure that the well is taking fluid on the trip.
- The fill-up line will be used to fill the well on trips. The kill line **WILL NOT** be used to fill the well on trips.
- **In the event that the bit is plugged on a trip the well will be filled after each 15 joints of drill pipe are pulled from the well and as each drill collar is pulled from the well. Swabbing will be checked each 6 joints.**

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4. CASING AND CEMENTING PROGRAM

a. General Casing and Cementing Design Specifications:

Hole Size (in.)	Depth (feet)	Casing OD (inches)	Wt/Gd/Jt/Cond	Cement
12 1/4"	2200'	9 5/8"	36#/ft, J55, ST&C, new	Lead: 200 sxs 65/35 Pozmix containing 16% gel, 10#/sx gilsonite, and 0.25#/sx flocele, 3.0 #/GR-3, 3% salt BWOC. Weight = 11.0 ppg, yield = 3.82 cu.ft./sx Tail: 300 sxs Class 'G' containing 2% CaCl and 0.25#/sx flocele. Weight = 15.8 ppg, yield = 1.15 cu.ft./sx
7 7/8"	9450'	4 1/2"	11.6#/ft, N80, LT&C, new	Lead: 200 sxs Hi-Fill 'V' containing 16% gel, 0.6% EX-1, 3% salt, 1% HR-7, 0.25#/sx flocele, and 10#/sx gilsonite. Weight = 11.6 ppg, yield= 3.12 cu.ft./sx Tail: 1200 sxs 50/50 Pozmix containing 2% gel, 0.6% Halad-322, 2% Microbond, 0.25#/sx flocele and 5% salt. Weight = 14.36 ppg, yield = 1.25 cu.ft./sx

- NOTE: A full attempt will be made to lift cement at least 200' into the surface casing shoe. A mud log from the base of the surface casing to T.D. is planned and a Formation Density / Compensated Neutron / Caliper log will be run from T.D. to the base of surface casing to confirm volumes prior to cementing.

b. Casing Centralization Equipment:

i. Surface Casing:

- A total of 28 centralizers will be run on the 9-5/8" OD Surface Casing: 1 each on the bottom 3 joints of the casing and 1 on every other collar to surface.

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- ii. Production Casing:
 - Placement of centralizers will be determined after review of the open hole logs.

5. PROPOSED DRILLING FLUIDS

DEPTH	TYPE	MUD WT., LB/GAL	VISCOSITY	WATER LOSS
0' – 2200' (Min)	Fresh water gel	NA	NA	No Control
2200' – 4000'	Fresh, LSND	8.4 – 8.8	32 – 36 Sec/Qt	10 – 18
4000' – TD	Fresh, LSND	8.8 – 9.5	36 – 40 Sec/Qt	10 – 16

6. LOGGING, TESTING, AND CORING PROGRAM

- a. The logging program will consist of:
 - i. AIT/GR/SP:
T.D. to surface casing
 - ii. FDC – CNL w/ GR & Caliper:
T.D. to surface casing
- b. No cores are planned.
- c. No DST's are planned.
- d. A manned mud logging unit with a hotwire and chromatograph is planned from the base of the surface casing to TD. 30 ft samples will be obtained from the base of the surface casing to TD or at geologist's discretion.

7. ABNORMAL CONDITIONS - PRESSURE - TEMPERATURE - POTENTIAL HAZARDS

Normal pressures and temperatures are expected in the objective formation. A maximum surface shut-in pressure based upon a maximum bottom hole pressure of 4,025 psi in the Mancos, assuming a partially

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evacuated hole with a pressure gradient of 0.22 psi/ft, is 1980 psi. A maximum bottom hole temperature of 200 degrees Fahrenheit is anticipated. Sour gas (H₂S) is not anticipated.

8. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS

Road and location construction will begin as soon as APD approval has been granted by the BLM. The anticipated spud date for this well is currently July 1, 2005 subject to rig availability and permit approval. A spud rig may be moved in prior to the drilling rig to set surface casing. Once surface casing has been set drilling operations should be finished within 7 to 10 days. Side-tracking operations, if required, will considerably extend the period of operations. Appropriate verbal notification of side-tracking operations shall immediately be made if such operations are required, plug-back procedures confirmed, and appropriate Sundry Notices filed as soon as possible. If the subject well is deemed to be capable of production an additional 10 to 15 days will be required for completion.

SURFACE USE AND OPERATING – 13 POINT PLAN
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1. **EXISTING ROADS**

- A. The proposed well site digital photographs, elevation/survey plat, location layout, cross section, and topographic maps ('A' Topo and 'B' Topo) are attached.
- B. To reach the well site proceed from Ouray, Utah 9.1 miles south on Seep Ridge Road. Turn right (west) on Turkey Track Road (County Road #5110) and travel +/- 2.8 miles to Willow Creek Road (County Road #5120). Turn left (south) on County Road #5120 and travel 4.6 miles to County Road #5230, Big Pack Mountain Loop Road. Turn right (west) onto this existing County road and travel +/- 1.6 miles to an existing oil and gas well located in the senesw, Section 10, T11S-R20E . Turn left (south) and continue on County Road #5230 for 0.4 miles to the proposed new access road. The newly proposed access is approximately 0.1 miles in length as proposed on 'B' Topo.
- C. The new access road is color coded and labeled as shown on 'B' Topo.
- D. Existing highways and roads in the area are under the jurisdiction of the BLM or Uintah County.

2. **PLANNED ACCESS ROADS**

- A. The proposed access road will depart from Big Pack Mountain Loop Road in an easterly direction for +/- 0.1 miles (See 'B' Topo). The access road is located entirely on Federal Lease #UTU-76266.
- B. The access road will be crown and ditch construction. The general access road width will have a 15' traveling surface. A maximum disturbance width of 30' is requested (i.e., road right-of-way = 30 feet). The route for this road was chosen to minimize surface disturbance in providing access to the location. There will be no drainage ditches built.
- C. The access road grade will average 0 to 5%.
- D. No turnouts are planned except at the access road entrance into the location.
- E. Water bars will be placed if appropriate. None are anticipated.
- F. No culverts, bridges, or major cuts and fills are anticipated. **A low water crossing will be required across the major wash immediately after exiting County Road #5230 onto the proposed access road.**
- G. Surfacing materials will consist of native surface soil, native alluvium where present, and 3/4" road-

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base crush from a commercial gravel pit if gravel is required due to drilling, completion, or production operations.

- H. Based upon the field inspection conducted on March 16, 2005 no cattle guards are anticipated at this time.
- I. No additional ROW's will be required.

3. **LOCATION OF EXISTING WELLS**

For the location of existing wells within a one-mile radius of the subject well, see Exhibit 'C'. The wells indicated on Exhibit 'C' are all that Mak-J Energy is aware of at this time.

- A. There are **No** domestic water wells within a one-mile radius.
- B. There are **No** abandoned wells within a one-mile radius.
- C. There are **No** temporarily abandoned wells within a one-mile radius.
- D. There are **No** known disposal wells within a one-mile radius.
- E. There are **No** drilling wells within a one-mile radius.
- F. There are **No** producing wells within a one-mile radius.
- G. There is **1** known shut-in well within a one mile radius.
- H. There are **No** known injection wells within a one-mile radius.

4. **LOCATION OF EXISTING OR PROPOSED FACILITIES IF WELL IS PRODUCTIVE**

- A. If the well is productive, contemplated facilities will be as follows:
 - (1) Where practicable the tank battery will be located on solid ground of the cut area of the drill pad. All Mak-J Energy facilities will be contained on the planned well pad.
 - (2) Refer to Figure #3 for the proposed production facility schematic.

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- (3) Dependent upon flow test results, a heated gas separator, multiple 400 bbl tanks, and a meter house will be required. All well pad flow lines and piping will be buried and installed according to API specifications. Construction materials will consist of excavated alluvium, shale, and soils (except top soils). Use of additional materials from outside sources is not anticipated at this time (with the exception of 3/4" crushed road-base gravel from a commercial pit). All facilities will be painted Carlsbad Canyon as agreed to during the on-site inspection on 3/16/2005.
- (4) No surface pits are planned at this time.

B. Off well pad:

- (1) On February 24, 2005 Mak-J Energy Operating Company filed an Area in Depth with the Bureau of Land Management, Salt Lake City requesting permission to form the Big Pack Unit. In general, the Big Pack Unit outline encompasses lands in the south half of Township 11 South-Range 20 East and the north half of Township 12 South-Range 20 East. It has been proposed that there will be two unit obligation wells, the Big Pack Unit #32-22 and the Big Pack Unit #31-34. In anticipation of the Big Pack Unit being approved Mak-J Operating Company proposes to install a bare 4" gas sales line extending west from the subject well a distance of approximately 0.1 mile where it would intersect the Big Pack Mountain Loop Road (County Road #5230). The 4" sales line has been centerline staked, will be buried, and will be located directly adjacent to the access road. At no point will the 4" pipeline fall outside of the requested 30' road right-of-way. At the intersection of County Road #5230 an 8" pipeline will be built extending north out of the unit, it's terminus being Section 17, Township 11 South-Range 21 East (see Exhibit 'D' – "Willow Creek Trunkline"). **The Willow Creek Trunkline will service and transport gas solely from the Big Pack Unit.** Outside of the unit boundary a 50' permanent Right-of-Way and 80' working Right-of-Way is requested for this 8" pipeline. The Willow Creek Trunkline will be center lined staked, will be buried up to the Unit boundary, and will be a surface pipeline across remaining BLM lands to its terminus. At no point will the 8" pipeline fall outside of the county road Right-Of-Way or the requested Right-of-Way. The Willow Creek Trunkline will be owned and operated by Mak-J Energy Operating Co. LLC. Archaeological surveys have been completed for the pipeline route and are attached to this permit. A paleontologic survey and raptor survey are being completed at this time and reports will be forwarded to the BLM upon completion. Construction of the 4" gathering line and the Willow Creek Trunkline will be contingent upon well-test results and permit approval / clearance by the BLM. A separate Right-of-Way will be required for the Willow Creek Trunkline where it crosses Fee lands in the neww of Section 13, Township 11 South-Range 20 East.

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- (2) No additional facilities on BLM administered lands are planned at this time.
- (3) No additional protective measures are planned to protect livestock and wildlife.

5. **LOCATION AND TYPE OF WATER SUPPLY**

- A. Water will be obtained from the State of Utah; Willow Creek at Buck Canyon under A-1 Tank Rental water permit #49-2179. Dependant on the availability of water from Willow Creek water may have to be purchased from a water supply well located in Ouray, Utah under water permit #43-8496, A-1 Tank Rental.
- B. Water will be hauled by tank truck to the drilling site as needed. The access will conform to roads identified on 'A' Topo.
- C. No water well will be drilled on, or near, this well location.

6. **SOURCE OF CONSTRUCTION MATERIALS**

- A. No construction materials are anticipated for drilling the well or constructing the access road onto the location. Compacted cut material will be utilized for the drilling site and access road. Drill-site and pit top soil will be stockpiled for re-vegetation and be placed between Points 2 and 3 and also between points 'A' and 8 as shown on Figure #1.
- B. Only native construction materials in the permitted area of disturbance, outlined for use in construction herein, will be used from BLM administered lands.
- C. Native surface soil materials for construction of the new access road should be sufficient. If necessary, road surface materials (3/4" road-base) will be purchased from the dirt contractor. An appropriate crush will be specified.
- D. 'A' Topo and 'B' Topo identify the access roads. Uintah County and Bureau of Land Management roads are involved. Care will be taken in maintaining County and BLM road entrances and will adhere to Uintah County and BLM Standards.
- E. Figure #2 shows proposed cut & fill cross-sections for the location.

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7. **METHODS OF HANDLING WASTE DISPOSAL**

A. Methods and location of proposed safe containment and disposal of waste material are:

- (1) Cuttings not retained for evaluation purposes will be discharged into the reserve pit as shown on Figure #1.
- (2) A portable chemical toilet will be provided on the location for human waste. Trailer septic tank facilities will be provided for trailer wastes. This sewage waste will be removed to and disposed of at the Ashley Valley Sewage Treating Plant.
- (3) Garbage and trash produced during drilling, completion and testing operations will be handled in a trash cage. This garbage will be hauled to the Uintah County landfill after drilling / completion operations are finished.
- (4) Water and tailings will be disposed into the reserve pit.
- (5) Small amounts of potassium chloride are anticipated in the drilling mud system and will be disposed of in the reserve pit.
- (6) No toxic waste/chemicals subject to reporting under SARA Title III in an amount greater than 10,000 pounds will be used in the proposed operations.
- (7) If the well is productive, produced water will be disposed of at the Ace Disposal - 10 miles west of Vernal, Utah.

B. Drilling mud/water will be contained in steel mud tanks or in the reserve pit. It will be disposed of by pit evaporation or hauled to an appropriate disposal facility. Oil produced during drilling operations, if sufficient, will be trucked from location. The reserve pit will be lined with a synthetic liner as described in section 9C. The reserve pit will contain any excess flow from the well during mud drilling and cementing operations. The dimensions of the pit will be approximately 150' x 100' x 10' deep as shown in Figure #1.

C. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All stock piles of top soil will be seeded with the mixture described in Section 10A and will be walked in with a dozer to hold seed and minimize erosion. Any open pits will be fenced after drilling operations conclude and these pits will remain fenced until they have dried. All pits will be back filled, re-contoured, and re-seeded when pits are dry enough to backfill as weather permits.

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Only that part of the pad required for production operations and well maintenance operations will be kept in use. All other drill pad areas will be re-contoured and re-seeded. In the event of a dry hole, only an appropriately specified dry hole marker will remain.

8. **ANCILLARY FACILITIES**

No air strip, campsite, or other facilities will be constructed during drilling and completion operations at this well site.

9. **WELL SITE LAYOUT**

- A. Refer to Figure #1 for the drill pad layout as staked. Planned cuts and fills across the location are shown on Figure #2.
- B. Refer to Figure #1 for a planned location diagram of the proposed rig and drilling equipment, reserve pit, and pipe racks. No permanent living facilities are planned. There will be trailers for supervision on the site. Sewage will be collected in septic facilities for disposal.
- C. The rig orientation, turn-around area, parking area, and access road entrance onto location are shown on Figure #1. The reserve pit will be located on the southern end of the location. A plastic nylon reinforced liner will be used. **It will be a minimum of 12 mil thickness with felt bedding to cover any rocks.** The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

The flare pit may receive cuttings, gas, and mud/water during drilling operations. The flare pit will be approximately 20' x 20' x 6' deep. The flare pit will be located at least 100' (nearest corner or edge) from the wellbore, +/-30 ft from the southwest corner of the reserve pit. A minimum 10' earthen backstop of earth fill shall be constructed at the far end of the flare pit. Earthen embankments shall be constructed to prevent fluid loss to surrounding lands. Flare pit fluids shall drain via a trench, by gravity, into the reserve pit (see Figure #1).

The reserve pit will be fenced with 39-inch net wire with one strand of barbed wire on the three (3) exterior sides prior to the commencement of drilling operations. The fourth side will be fenced when the rig moves off location. The flare pit will be fenced on all sides prior to the commencement of drilling operations.

10. **PLANS FOR RESTORATION OF SURFACE**

- A. Productive Well

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The plan for rehabilitation of the disturbed area no longer needed for production operations after drilling and completion activities are finished is as follows:

The entire location will be inspected for trash and other refuse, and such trash/refuse if found, will be cleaned up.

Oil or other adverse substance on the pits will be removed in accordance with 43 CFR 3162.7-1.

The pit liner will be torn and perforated before back filling of the reserve pit after the contents of the pit are dry.

The area of the drill site not needed for producing operations/facilities and well maintenance operations will be re-contoured to the original contours as nearly as possible and re-vegetated/re-seeded along contours. Vegetation and rehabilitation will be achieved by reseeded after re-contouring the site. A seed mixture of 4 #/acre Shadscale, 3 #/acre Indian Rice Grass, 4 #/acre Needle & Thread Grass, and 1 #/acre Crested Wheat will be used. Time to complete rehabilitation depends upon the time necessary for pits to dry. Pit closure, re-contouring, planting, and re-vegetation should occur by fall 2006, if normal weather patterns ensue.

B. Dry Hole/Abandoned Location

If the well is to be plugged and abandoned, a subsequent report of abandonment will be submitted to obtain the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

The surface ownership of the access road and location is BLM.

12. OTHER INFORMATION

A Cultural Resources Survey, by Montgomery Archaeological Consultants, Moab, Utah has been completed for the proposed well site, access road, and the Willow Creek Trunkline. No significant cultural resources were identified. The archeological report(s) are attached to this permit. A Paleontological Reconnaissance Report has also been completed by Montgomery Archeological Consultants. The report is pending and will be sent to the Vernal District office once completed. Specific to the Willow Creek Trunkline a Raptor and Threatened & Endangered Species survey is being conducted by JBR Environmental Consultants, Sandy Utah. A report will be forwarded to the Vernal District office upon its completion. An on-site inspection was conducted on March 16, 2005 under NOS procedure. In attendance were Paul Buhler and Amy Torres, Bureau of Land Management - Vernal Resource Area, Jim and Travis Oldham of Diamond J Construction

SURFACE USE AND OPERATING – 13 POINT PLAN
Attached to Form 3160-3
Mak-J Energy Operating Company, LLC.
Big Pack Unit #21-15
Federal Lease Number UTU-76266
557' FNL & 1760' FWL
Section 15, T11S-R20E, SLB&M
Uintah County, Utah

Inc., and Todd S. McDonald with Mak-J Energy Operating Company LLC.

Noxious weeds will be controlled along rights-of-way for roads, pipelines, well sites, or other applicable facilities pertaining to this project. A pesticide use proposal will be submitted prior to the application of herbicides or pesticides.

Drilling rigs and/or equipment will not be stacked or stored on Federal lands.

No construction or drilling activities shall be conducted during wet periods. The BLM will be notified prior to any construction on this well.

13. **LESSEE'S AND OPERATOR'S REPRESENTATIVE**

Mak-J Energy Operating Company, LLC.
370 17th Street, Suite 2710
Denver, Colorado 80202

Contact: Todd S. McDonald
Vice President
phone: (303) 339-5873 office

phone: (303) 320-4523 home
phone: (303) 842-0883 cellular

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Uintah County, Utah

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site, access routes, and pipeline 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 operations proposed herein will be performed by Mak-J Energy Operating Company, LLC. and its contractors and subcontractors in conformity with this plan and the terms & conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C.1001 for the filing of a false statement.

Please be advised that Mak-J Energy Operating Company is considered to be the operator of the Big Pack Unit #21-15, which is located in the NE/4 NW/4, Section 15, Township 11S, Range 20E, Federal Lease #UTU-76266, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Operations will be conducted under Mak-J Energy Operating Company BLM Bond number UTB000160 which provides state-wide bond coverage on all Federal lands.

Date: April 5, 2005



Todd S. McDonald
Vice President
Mak-J Energy Operating Company, LLC.

CULTURAL RESOURCE INVENTORY OF
MAK-J ENERGY'S BIG PACK UNIT
16 WELL LOCATIONS
UINTAH COUNTY, UTAH

Kylie Lower-Eskelson
and
Keith Montgomery

CULTURAL RESOURCE INVENTORY OF
MAK-J ENERGY'S BIG PACK UNIT
16 WELL LOCATIONS
UINTAH COUNTY, UTAH

By:

Kylie Lower-Eskelson
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Mak-J Energy Partners, Ltd.
370 17th Street, Suite 2710
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-45

March 21, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0096b,s

ABSTRACT

In March of 2005, a cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) of Mak-J Energy's 16 proposed well locations with associated access/pipeline corridors situated in the Big Pack Mountain locality of Uintah County, Utah. The proposed well locations are designated Big Pack Unit 21-15, 12-15, 14-15, 21-22, 32-22, 32-22, 21-27, 24-27, 31-34, 34-34, 41-3, 12-2, 12-33, 32-29, 14-20, 23-20. The legal description of the project is T 11S R 20E Sections 15, 20, 22, 27, 29, 32, 33, 34, and 35, and T 12S R 20E Sections 2, 3, 4, 9, and 10. A total of 437 acres was inventoried with 408 acres occurring on lands administered by the Bureau of Land Management (BLM) and an additional 19 acres occurring on lands administered by the School and Institutional Trust Lands Administration (SITLA).

The cultural resource inventory resulted in the documentation of 15 new historic sites (42Un4728 through 42Un4742). All of the newly documented sites are recommended not eligible to the NRHP because they lack additional research potential and are unlikely to contribute to the history of the area. Ten of these sites (42Un4728, 42Un4730, 42Un4731, 42Un4732, 42Un4734, 42Un4735, 42Un4736, 42Un4737, 42Un4738, and 42Un4741) are surficial historic temporary home-on-range camps with ephemeral features and limited artifact assemblages. Temporal indicators at most of these camps indicate an occupation between 1935 and 1945. Three of the sites (42Un4729, 42Un4739 and 42Un4742) are surficial low density historic artifact scatters which lack associated features. Site 42Un4740 is a prospectors pit with one tin can artifact and site 42Un4733 is a corral with axe-cut wood piles and a mixture of in-period and modern trash. Historic temporary camps are common site types to the area with minimal artifact classes (mostly tin cans). None of these sites are related to known historical events or important persons. Therefore, they do not add significant data to the historic research domains of the area beyond their present documentation.

The inventory of Mak-J Energy's 16 proposed well locations with access and pipeline corridors resulted in the documentation of 15 historic sites (42un4728 through 42Un4742). None of these sites are recommended as eligible to the NRHP and therefore no avoidance recommendations are proposed. On the basis of the findings, a recommendation of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

TABLE OF CONTENTS

ABSTRACT i
TABLE OF CONTENTS ii
LIST OF TABLE ii
LIST OF FIGURE ii
INTRODUCTION 1
DESCRIPTION OF PROJECT AREA 1
 Environmental Setting 3
 Cultural Overview 3
SURVEY METHODOLOGY 7
INVENTORY RESULTS 8
 Archaeological Sites 8
NATIONAL REGISTER OF HISTORIC PLACES EVALUATION 13
CONCLUSIONS AND RECOMMENDATIONS 15
REFERENCES CITED 15
APPENDIX A: INTERMOUNTAIN ANTIQUITIES COMPUTER
SYSTEM (IMACS) SITE FORMS 17

LIST OF TABLE

1. Mak-J Energy's 16 Well Locations and Access/Pipeline Corridors. 2
2. Cultural Resources, Location, NRHP Assessment,
and Avoidance Recommendations 14

LIST OF FIGURE

1. Inventory Area of Mak-J Energy's Big Pack Unit 16 Well Locations Showing Cultural
Resources, Uintah County, Utah.. 4

INTRODUCTION

In March 2005, a cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) of Mak-J Energy's, 16 well pads and access roads in the Big Pack Mountain Locality of Uintah County. The project area is located southeast of Roosevelt, Utah in Duchesne County, northeastern Utah. The proposed well locations are designated Big Pack Unit 21-15, 12-15, 14-15, 21-22, 32-22, 32-22, 21-27, 24-27, 31-34, 34-34, 41-3, 12-2, 12-33, 32-29, 14-20, 23-20. The inventory was implemented at the request of Todd McDonald, Mak-J Energy Partners, Denver, Colorado. The project area occurs on both lands administered by the Bureau of Land Management (BLM), Vernal Field Office and School and Institutional Trust Lands Administration (SITLA).

The objective of the inventory was to locate, document and evaluate any cultural resources within the project area. This project was carried out in compliance with Federal and State legislation including the Antiquities Act of 1906, the National Historic Preservation Act (NHPA) of 1966, National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was conducted by Keith R. Montgomery (Principal Investigator) and assisted by Eli Jones, Mark Beeson, Mark Bond and Kylie Lower-Eskelson between March 8 and 15, 2005 under the auspices of U.S.D.I. (FLPMA) Permit No. 04-UT-60122 and State of Utah Antiquities Project (Survey) No. U-05-MQ-0096b,s issued to MOAC, Inc., Moab, Utah.

A file search for previous projects and documented cultural resources was conducted by Marty Thomas at the Utah Division of State History (March 1, 2005). This consultation indicated that a small number of cultural resource inventories have been completed in the area, although few have been documented, none of which occur in the current project area. In 1981, Powers Elevation conducted two cultural resource inventories of a proposed well pads for Cotton Petroleum Co., both of which located no cultural resources (Tate 1981a, U-81-PA-0715b; Tate 1981b, U-81-PA-0663b). In 1983 Chambers Consultants and Planners conducted a cultural resource study on the White River oil shale lease lands in the Vernal district resulting in the documentation of 14 sites and 40 isolates including 3 historic sites, 6 prehistoric sites and 5 petroglyph sites (Reynolds, Cella, Schander 1983, U-83-CE-0499b). In 1986 Archelological-Environmental Research Corporation (AERC) conducted cultural resource evaluations of three proposed well locations in the Willow Creek and Bitter Creek Canyon localities for Enserch Exploration Company in which no sites were documented (Hauck 1986, U-86-AF-611b). In 2005 Montgomery Archaeological Consultants conducted a Cultural Resource Inventory of Mak-J Energy's Main Pipeline for Big Pack Mtn well locations T 11S, R 20E and T11S, R 21E which resulted in the documentation of no cultural resources (Montgomery and Taylor 2005, U-05-MQ-0098b).

DESCRIPTION OF PROJECT AREA

The proposed Mak-J Energy 16 Well Locations in the Big Pack Mountain area, southeast of Ouray, Utah in Uintah County (Figure 1 and Table 1). The legal description of the project is T 11S R 20E Sections 15, 20, 22, 27, 29, 32, 33, 34, and 35, and T 12S R 20E Sections 2, 3, 4, 9, and 10. A total of 437 acres was inventoried with 408 acres occurring on lands administered by the Bureau of Land Management (BLM) and an additional 19 acres occurring on lands administered by the School and Institutional Trust Lands Administration (SITLA).

Table 1. Mak-J Energy's 16 Well Locations and Access/Pipeline Corridors

Well Location Designation/Land Status	Legal Location and Land Status	Access/Pipeline	Cultural Resources
#21-15 BLM	T11S, R20E, Sec 15 (NE/NW)	Access and Pipeline: 312 ft	None
#12-15 BLM	T11S, R20E, Sec 15(SW/NW)	Access and Pipeline: 486 ft	42Un4728
#14-15 BLM	T11S, R20E, Sec 15 (SW/SW)	Access and Pipeline: along existing road	None
#21-22 BLM	T11S, R20E, Sec 22 (NE/NW)	Access and Pipeline: along existing road	None
#32-22 BLM	T11S, R20E, Sec 22 (SW/NE)	Access and Pipeline: along existing road	None
#34-22 BLM	T11S, R20E, Sec 22 (SW/SE)	Access and Pipeline: 676 ft	None
#21-27 BLM	T11S, R20E, Sec 27 (NE/NW)	Access and Pipeline: 974 ft	None
#24-27 BLM	T11S, R20E, Sec 27 (SE/SW)	Access and Pipeline: 732 ft	None
#31-34 BLM	T11S, R20E, Sec 34 (NW/NE)	Access and Pipeline: 459 ft	None
#34-34 BLM	T11S, R20E, Sec 34 (SW/SE)	Access and Pipeline: 1056 ft	42Un4729
#41-3 BLM	T12S, R20E, Sec 3 (NE/NE)	Access and Pipeline: 889 ft	42Un4730, 42Un4731
#12-2 Sitla	T12S, R20E, Sec 2 (SW/NW)	Access and Pipeline: 623 ft	None
#12-33 BLM	T11S, R20E, Sec 33 (SW/NW)	Access and Pipeline: along existing road	None
#32-29 BLM	T11S, R20E, Sec 29 (SW/NE)	Access and Pipeline: 482 ft	42Un4738, 42Un4739
#14-20 BLM	T11S, R20E, Sec 20 (SW/SW)	Access and Pipeline: along existing road	42n4740
#23-20 BLM	T11S, R20E, Sec 20 (NE/SW)	Access and Pipeline: 1535 ft	42Un4742, 42Un4741

Associated Access / Pipeline Corridors	T11S, R20E Sec 15, 20, 22, 27, 29, 32, 33, 34, & 35, T12S, R20E Sec 2, 3, 4, 9, & 10.	72,323 ft	42Un4732, 42Un4733, 42Un4734, 42Un4735, 42Un4736, 42Un4737
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Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the project area occurs on the east side of Willow Creek on the valley floors which are interspersed by flat topped buttes and narrow steep-sided ridges. The area is heavily dissected and carved by ephemeral drainages. Surface geology consists of hard pan residual soil armored with shale and sandstone pebbles. The elevation ranges between 5300 ft and 6300 ft a.s.i. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and other grasses. Modern disturbances include roads and oil/gas development.

Cultural-Historical Overview

The cultural-chronological sequence represented in the area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.). This stage is characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca. 12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate points (ca. 10,000 B.P. - 7,000 B.P.). Near the project area, a variety of Paleoindian projectile points have been documented, including Goshen, Alberta, and Midland styles (Hauck).

The Archaic stage (ca. 8,000 B.P.-1,500 B.P.) is characterized by the dependence on a foraging subsistence, with peoples seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types, and the development of the atlatl, perhaps in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of Early Archaic presence is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000-3000 B.C.) sites in the Basin include sand dune sites and rockshelters primarily clustered in the lower White River drainage (Spangler 1995:373). Early Archaic projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument, and open campsites along the Green River and on the Diamond Mountain

Plateau (Spangler 1995:374). The Middle Archaic (ca. 3000-500 B.C.) is characterized by improved climatic conditions and an increase in human population on the northern Colorado Plateau. Several stratified Middle Archaic sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver and birds). The Late Archaic period (ca. 500 B.C.-A.D. 550) in the Uinta Basin is distinguished by the continuation of Elko Series projectile points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs at the Cackleburr Wash Site (42Un1476) where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. (Tucker 1986). The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek. The Formative stage (A.D. 500-1300) is recognized in the area as the Uinta Fremont as first defined by Marwitt (1970). This stage is characterized by a reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse structures with randomly placed postholes and off-center firepits, some of which were adobe-rimmed. Traits considered unique or predominate to the Uinta Basin include calcite-tempered pottery, two-handled wide-mouth vessels, Utah type metates, the use of gilsonite for pottery repair, settlement on tops of buttes and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. Rock art has been defined by Cole (1990) as either Early Historic Ute Indian Style (A.D. 1600 to 1830) or Late Historic Ute Indian Style (A.D. 1830 to 1880). The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Ute appear to have been hunters and gatherers who exploited various fauna and flora resources. According to macrobotanical and faunal data from dated components, deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Reed 1994:191).

The cultural history of the Eastern Ute, comprising the bands living east of the Green River, has been divided into four phases (Reed 1988). The earliest and most tenuous phase is the Chipeta Phase, dated between ca. 1250 and 1400. Diagnostic artifacts include Desert Side-notched, Cottonwood Triangular, and small corner-notched arrow points, and possibly Shoshonean knives. The Canalla phase (ca. A.D. 1400-1650) designates the period between the appearance of well-dated Uncompahgre brown ware ceramics and the adoption of an equestrian lifeway. Diagnostic artifacts include Uncompahgre Brown Ware ceramics, Desert Side-notched and Cottonwood Triangular points, and Shoshonean knives. The pedestrian hunter and gatherers

probably lived in wickiups. Near the end of the phase, some groups may have obtained trade items from Spanish settlements in New Mexico (Horn, Reed, and Chandler 1994:131). The Antero phase (ca. A.D. 1650-1881) represents a shift to a fully equestrian lifestyle and integration of Euroamerican trade goods into Ute material culture. The horse permitted hunting of bison on the Plains and led to an increase in the importance of raiding for economic gain (Ibid 131). Euroamerican trade goods became important, and tepees as well as wickiups were inhabited. The early Utes in Uintah County were Uinta-ats, a small band of a few hundred members (Burton 1996:20). In pre-horse days, Ute family groups lived largely independently of others with key gathering, hunting, and fishing sites being communal and granted to all, within both the local and extralocal Ute communities (Ibid 340). According to Smith's (1974) informants both deer and buffalo were important game for the White River Ute band. Before the buffalo became extinct in the Uintah Basin in the 1830s, the Ute would make trips northeast of Fort Bridger in the vicinity of what is now Rock Springs and Green River, Wyoming using the horse to surround and drive the buffalo over a precipice (Callaway, Janetski, and Stewart 1986; Smith 1974). All Ute groups made tripod or conical houses with a three or four-pole foundation and a circular ground plan some 10 to 15 feet in diameter with covering brush or bark.

The first Euro-Americans in the Uinta Basin were Spanish missionaries, traveling between Sante Fe, New Mexico up through western Colorado, towards the Utah Valley, and on to California. In 1776, under the leadership of Fray Francisco Atanasio Dominguez and Fray Silvestre Velez de Escalante, the Spanish commenced to explore a northern route from Santa Fe to the garrison of Monterey on the California coast (Spangler et al. 1995). Euro-American traders were another early factor in the history of the Uinta Basin. Some of these were Spaniards, who continued to visit the region until the Mexican war of independence in 1821, when most Spanish were expelled from the Southwest. It was the beaver trade in the early part of the nineteenth century, that cemented trade with Ute and Shoshone in the area, and resulted in the establishment of trading posts along the major rivers in the area, including the Duchesne, Green, and Uinta (Ibid 1995).

The settlement of the Uinta Basin differs from that of much of Utah in that early settlement occurred around Indian "agencies" assigned to the Uinta and Ouray Reservations, rather than under the direction of the Mormon church (Spangler et al. 1995). Early scouting parties sent out by the Mormon church had deemed the area unfit for settlers, and it was not until later that the region began to be homesteaded. In 1861, President Lincoln established the Uintah Indian Reservation, which was recognized by an act of Congress in 1864 (Burton 1996). The Indian agencies consisted of cabins and a trading post with farms cropping up around the agency, and were directed by a government Indian agent. The first agency was constructed at the mouth of Daniels Canyon in 1864, and was moved several times before 1868. In 1880 the White River Utes and the Uncompahgre Utes were forced to move to an adjacent area of land, southeast of the Uintah Reservation, and within a few years, the reservations were combined into the Uintah-Ouray Reservation.

By 1876, only a handful of ranchers, had settled the area, to be joined that year by a group of Mormons. They formed a settlement around the ranch of Pardon Dodds, an Indian agent, located in Dry Fork Canyon; later to become known as Old Ashley Town (Burton 1996). Another small group of Mormon settlers arrived in 1878, camping near the confluence of Ashley Creek, and naming their settlement Incline. In 1878, additional Mormon settlers ventured into the area; locating near what is today Vernal. Myton, located to the northeast of the project area, started as a trading post on the Uintah Indian Reservation sometime in the mid-1880s. The trading post served a small segment of the Indian population until 1886, when the army, as part of building the road between

Price and the newly established Fort Duchesne, built a bridge over the Duchesne River (Barton 1998:154). Myton was originally known as Bridge, and quickly changed from a small, bustling way-station and Indian trading post to a town of tents and a few wooden buildings prior to the opening of the Uintah Indian Reservation around 1905. The settlement attracted people from various parts of the world including Denmark, England, Switzerland, Sweden, Wales, and Germany, as well as many states of the Union (Ibid 156).

Livestock was a primary industry in the region from early on, along with agriculture, timbering, mining, bee keeping, and freighting (Burton 1996). Most of the early Mormon settlers had only a few head of cattle, that were grazed in cooperative herds on shared pasture lands, however, large herds of cattle had been seasonally grazed in the region from as early as the 1850s (Ibid 108). Before the early 1930s, grazing in the Tavaputs Plateau region, at the southern edge of the Uintah Basin, was mostly unregulated. This, combined with the lush grassland environment of the area at the time, attracted many ranchers with their cattle, horses, and sheep (Barton 1998). By 1893, a record number of cattle were being sold. Sheep quickly became an important commodity, after their introduction to the region in 1879, and by the early 1890s, more sheep were being ranged in the region than cattle (Burton 1996). By 1935, herds of both cattle and sheep were being decreased to halt overgrazing. In 1996, only two large, year-round herds remained in Uintah County, although small farms and ranches in the region still keep small quantities of stock animals.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The pipeline and access corridors were examined to a width of 100 ft for cultural resources by the archaeologists walking parallel transects spaced no more than 10 m (30 ft) apart. At the proposed well locations, a 10 acre square parcel was defined, centered on the well pad center stake. The interior of the well location was examined for cultural resources by the archaeologist walking parallel transects spaced no more than 10 meters apart. Ground visibility was considered good. A total of 437 acres was inventoried with 408 acres occurring on lands administered by the Bureau of Land Management (BLM) and an additional 19 acres occurring on lands administered by the School and Institutional Trust Lands Administration (SITLA).

Cultural resources were recorded either as archaeological sites. Archaeological sites are defined as spatially definable areas with ten or more artifacts and/or features. Sites were documented by the archaeologists walking transects across the site, spaced no more than 3 m (10 ft) apart and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Trimble G.P.S. unit was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, and documented with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A).

INVENTORY RESULTS

The inventory of Mak-J Energy's 16 proposed well locations resulted in the documentation of 15 new archaeological sites (42Un4728 through 42Un4742). No previously documented archaeological sites are located within the immediate project area.

Archaeological Sites

Smithsonian Site No.: 42Un4728
Temporary Site No.: MOAC 05-45-20
Legal Description: T 11S, R 20E, Sec. 15
NRHP Eligibility: Not Eligible

Description: This is a historic temporary camp located on a ridge just west of a jeep trail. The site consists of two features and a small artifact scatter. Artifacts are dominated by tin cans (N=13) which include four hole-in-cap cans, several hole-in-top milk cans, and two sanitary food containers. Miscellaneous items consist of a steel screw cap, bailing wire, and a metal strap piece. Feature A is a stone ring fire pit measuring 4' x 3'. The ring is constructed of 14 sandstone blocks varying from 6" to 18" in size, situated on the edge of a small drainage. The stones exhibit red oxidation, although no charcoal or soil staining is present. Feature B is a stone ring fire pit measuring 4' x 2 ½'. The pit is constructed of 15 sandstone slabs varying from 4" to 18" in size situated adjacent to a small drainage. The slabs exhibit red oxidation, although no charcoal or soil staining is visible. The artifacts exhibit two occupations. The earliest is represented by the hole-in-cap cans (1885-1903) and the more recent is exhibited by the hole-in-top milk cans stamped with Punch Here (1935-1945).

Smithsonian Site No.: 42Un4729
Temporary Site No.: MOAC 05-45-19
Legal Description: T 11S, R 20E, Sec. 34
NRHP Eligibility: Not Eligible

Description: This is a short-term range camp located on a low ridge adjacent to a jeep trail. Cultural materials are limited to 10 sanitary (food and tobacco and hole-in-top milk) tin cans, a galvanized pail with handle, three pieces of milled wood, one key strip coffee can lid, and two metal fragments. Approximately 50 wood chips are scattered throughout the site suggesting a home-on-range temporary camp. Several hole-in-top cans stamped with the "Punch Here" lend a date range between 1935 and 1945.

Smithsonian Site No.: 42Un4730
Temporary Site No.: MOAC 05-45-18
Legal Description: T 11S, R 20E, Sec. 35
NRHP Eligibility: Not Eligible

Description: This is a short term range camp located on a small hill just west of a jeep trail. The site consists of a low density artifact scatter and two features. The artifact assemblage is limited to tin cans (N=23) which include hole-in-top milk cans with ice-pick openings, sanitary commodity containers (food and coffee), an oil can (Valvoline), and tobacco tins. Feature A is a wood chip scatter comprised of approximately 40 wood chips spanning a 7' x 7' area. The largest chip in the feature measures 8" in length. The majority of the wood chips, however, are much smaller with the

average length being 3". No charcoal or soil staining are visible in association with this feature. Feature B is a fire ring comprised of at least 5 partially buried sandstone slabs, two of the slabs are upright. The average size of slabs in the feature is 14" x 8". The feature is filled by erosion and a greasewood bush grows inside. None of the slabs exhibit oxidation on the visible portions and no charcoal or soil staining is present. Tin can chronologies suggest that this may be a dual occupation site with one occupation dating from 1917-1929 and a brief second occupation post 1948.

Smithsonian Site No.: 42Un4731
Temporary Site No.: MOAC 05-45-17
Legal Description: T 12S, R 20E, Sec. 3
NRHP Eligibility: Not Eligible

Description: This is a historic temporary camp consisting of two features and a small artifact assemblage situated atop and on the eastern slope of a ridge just west of a dirt road. Artifacts are dominated by tin cans (N=14) which include hole-in-top milk cans, sanitary food containers, a spice tin, and tobacco cans. Feature A is a fire ring consisting of at least four partially buried sandstone slabs. The upper portion of the slabs occur level with mean ground surface. A small sagebrush now grows within the fire ring. All of the visible slabs exhibit red oxidation on their interior facing sides and one has cracked into three separate sections. The average slab size is 15" x 12". No charcoal, ash or soil staining are visible. Feature B is a low density juniper wood chip scatter which spans an area of 8' x 8' and is comprised of approximately 50 wood chips varying in length from 9" to small splinters with the average length being 5". No charcoal, ash or soil staining are seen in association with this feature. Based on tin can chronologies the site is likely to date from 1935 to 1945.

Smithsonian Site No.: 42Un4732
Temporary Site No.: MOAC 05-45-11
Legal Description: T 12S, R 20E, Sec. 3
NRHP Eligibility: Not Eligible

Description: This site is a historic temporary camp consisting of one feature and a low density artifact scatter located just east of a dirt road. Cultural materials are dominated by tin cans (N=22) which include hole-in-top milk cans with ice-pick openings (most stamped with Punch Here), and sanitary commodity cans (Spam and Maxwell House Coffee). Feature A consists of a low density wood chip scatter comprised of approximately 100 wood chips spanning an area of 12' x 12'. Wood chip sizes vary from 2' axe-cut logs to small splinters with an average length of 10". The scatter is situated atop a low lying hill and has partially eroded downslope. No ash, charcoal or soil staining is associated with this feature. There may be two occupations at this camp based on the tin can chronologies. The earliest dates between 1917 and 1929 with the most recent dating from 1935 to 1945.

Smithsonian Site No.: 42Un4733
Temporary Site No.: MOAC 05-45-M4
Legal Description: T 12S, R 20E, Sec. 10
NRHP Eligibility: Not Eligible

Description: This is an in-use corral with three additional features, and associated artifacts. Feature A is a corral which is constructed of vertically set axe-cut juniper logs and bailing wire. Three 2" x 4" milled lumber posts were added subsequent to the corral's original construction. The bailing wire that encompasses the corral is strung forming a 12" x 6" rectangular pattern. The wire is hung on the juniper logs and fastened with wire nails. A 10' wide gate opening is located on the

northeast side of the corral. The gate is constructed of only wire. One juniper post is offset approximately 4' from each side of the fence in the westernmost inner corner of the corral. An additional length of rolled up bailing wire is present here and is arranged to form a separate pen using the offset juniper log as a post. The excess tolled up wire can be used to adjust the size of the separate pen. The corrals height is approximately 5'-6' and appears to be still in occasional use. Modern trash is abundant around the corral. Three additional wood chip scatter features are located on the site. The site artifact assemblage includes jar lids, miscellaneous metal fragments of unknown function, glass bottles and jars, sanitary cans and hole-in-top cans. One "Punch Here" hole-in-top milk can dates from 1935 and 1945. Additional datable artifacts extend from 1945 to modern times.

Smithsonian Site No.: 42Un4734
Temporary Site No.: MOAC 05-45-7
Legal Description: T 12S, R 20E, Sec. 10
NRHP Eligibility: Not Eligible

Description: This site is a historic temporary camp consisting of one feature and a low density artifact scatter situated atop and on the northern slope of a small hill just south of a dirt road. Feature A consists of a sparse juniper wood chip scatter spanning an area of approximately 10' x 10' which contains 50-75 wood chips varying in length from 12" to small splinters with the average size being 6" in length. No ash, charcoal or soil staining are visibly associated with this feature. The sites artifact assemblage is comprised of sanitary cans, hole-in-top milk cans, a hole-in-cap can, tobacco tins, and a leather shoe strap. Tin can chronologies suggest a date range between 1903 and 1930.

Smithsonian Site No.: 42Un4735
Temporary Site No.: MOAC 05-45-M3
Legal Description: T 12S, R 20E, Sec. 9
NRHP Eligibility: Not Eligible

Description: This site is a medium density historic artifact scatter situated along a ridge slope. The site consists of axe-cut wood chips which are widely scattered across this site forming no discernible concentration, a shell button (9/16 in diameter), a piece of sheet metal of unknown function, two axe-cut poles (3' 10" in length), 25 clear glass fragments, a liquor bottle with an "Owens Illinois" trademark (1933 to 1954), a purple glass piece (1880-1917), sanitary tin cans, tobacco tins and hole-in-top milk cans.

Smithsonian Site No.: 42Un4736
Temporary Site No.: MOAC 05-45-3
Legal Description: T 12S, R 20E, Sec. 9
NRHP Eligibility: Not Eligible

Description: This is a historic temporary camp consisting of two features and a low density artifact scatter located just south of an east/west trending dirt road, at the base of a small hill. Feature A consists of a low density wood chip scatter which sparsely spans a 10' x 10' area. The scatter is comprised of approximately 75 juniper wood chips and 10 larger logs. The majority of the wood chips are much smaller averaging 3" in length. No charcoal, ash or soil staining are visible. Feature B is a deflated hearth with oxidized rock located on the southeastern side of a small drainage. Four sandstone slabs form the feature, two are situated side by side and one slab is placed on top with an additional slab situated just downslope. Approximately 20 small pieces of

fire-cracked rock are located downslope with light soil staining. The artifact assemblage is dominated by tin cans (N=7) which include sanitary commodity cans and hole-in-top milk cans. Also a red painted ceramic sherd was noted.. Hole-in-Top cans embossed with "Punch Here" suggest a date range between 1935 and 1945.

Smithsonian Site No.: 42Un4737
Temporary Site No.: MOAC 05-45-2
Legal Description: T 12S, R 20E, Sec. 9
NRHP Eligibility: Not Eligible

Description: This is a historic temporary camp consisting of two features and a low density artifact scatter situated on the south side of a dirt road immediately south of a prominent ridge. Feature A consists of two collapsed segments of a hand woven wire fence constructed of two sizes of bailing wire. Wire widths are 1/16" and 2/16" are the woven fence measured approximately 3' in height where discernible. Feature B is a medium density wood chip scatter consisting of approximately 200 juniper wood chips spanning a 6' x 8' area. Wood chips vary in length from 12" to small splinters with the average length being 6". Cultural materials include sanitary commodity cans, hole-in-top milk cans, a white enamel covered metal lid (5 1/4" in diameter), a galvanized metal tub (embossed with "ANTI WEDGE"), a rectangular metal cow bell, and a piece of bailing wire. Hole-in-top milk cans stamped with "Punch Here" suggest a date range between 1935 and 1945.

Smithsonian Site No.: 42Un4738
Temporary Site No.: MOAC 05-45-16
Legal Description: T 11S, R 20E, Sec. 29
NRHP Eligibility: Not Eligible

Description: This is a historic temporary camp consisting of three features and a medium density artifact scatter situated atop a low ridge just west of a dirt road. Feature A is a stove platform comprised of three sandstone slabs. Two of the slabs are situated 12" apart in a north-south alignment with the third located immediately west. Both the northern and western slabs exhibit red oxidation on their interior sides. No charcoal, ash or soil staining are associated with the feature. Feature B is a wood chip scatter spanning an area of approximately 10' x 10'. The scatter is comprised of 100+ juniper wood chips varying in size from 12" to small splinters with the average length being 5". No ash, charcoal or soil staining are associated with this feature. Feature C is a rock alignment consisting of 15 sandstone slabs situated in a semi-circular alignment beside a low ledge which rises approximately 12" above mean ground surface. Slabs in the alignment vary in size from 20" x 8" x 5" to 7" x 4" x 2". Five of the slabs exhibit red oxidation and five small pieces of fire-cracked rock occur within the alignment, although no charcoal or soil staining are present. Cultural materials are limited to a galvanized metal basin, a black enamel covered metal hair brush handle, plastic thongs (likely a portion of the hair brush), a modified metal barrel, an external friction lid, a galvanized nail, a rectangular oil can, an oval shaped tin (possibly talcum powder), an internal friction lard can, hole-in-top milk cans, sanitary commodity cans and tobacco tins. Based on hole-in-top cans the occupation dates from 1935 to 1945.

Smithsonian Site No.: 42Un4739
Temporary Site No.: MOAC 05-45-15
Legal Description: T 11S, R 20E, Sec. 29
NRHP Eligibility: Not Eligible

Description: This site is a low density historic artifact scatter situated immediately southeast of a low lying east/west trending ridge and just north of a dirt road. Cultural materials consist of sanitary

commodity containers, hole-in-top milk cans, a hole-in-cap can, one green glass shard, a tobacco tin, and a small bunch of wound bailing wire. The hole-in-top milk cans embossed with "Punch Here" suggests a date range of 1935 to 1945, although the hole-in-cap can may be earlier.

Smithsonian Site No.: 42Un4740
Temporary Site No.: MOAC 05-45-M2
Legal Description: T 11S, R 20E, Sec. 20
NRHP Eligibility: Not Eligible

Description: This is prospect pit which has been excavated into the slope of a ridge. The sandstone is shale-like and yellow brown in color. The pit appears to have been excavated by hand and exhibits straight, stair-stepped sides on it's southern edge. The pit is rectangular in shape and measures approximately 15' x 25', with a depth of 4'. Each of the stair-steps on the southern edge (three in total) measure 1 ½' in height. Back dirt from the prospect is eroding downslope to the north. One hole-in-top can comprised the site artifact assemblage. This can has a date range of 1917 to 1929.

Smithsonian Site No.: 42Un4741
Temporary Site No.: MOAC 05-45-M1
Legal Description: T 11S, R 20E, Sec. 20
NRHP Eligibility: Not Eligible

Description: This site is a historic temporary camp situated aside a drainage consisting of one feature and a small artifact scatter. Feature A is an axe-cut wood chip scatter comprised of approximately eight pieces of axe-cut wood spanning a 7' x 8' area. Wood chips in the scatter vary in size from 3" to 7". The sites artifact assemblage is comprised of seven hole-in-cap milk cans of two different sizes. Production of hole-in-cap cans ceased by 1914 hence the site likely dates before 1914.

Smithsonian Site No.: 42Un4742
Temporary Site No.: MOAC 05-45-12
Legal Description: T11S, R 20E, Sec. 20
NRHP Eligibility: Not Eligible

Description: This site is a low density artifact scatter situated just north of a small knoll on the east side of a dirt road. The sites artifact assemblage consists of sanitary commodity cans, a tobacco tin, hole-in-top milk cans, a metal pull-tab, and one oxidized sandstone slab. The hole-in-top cans embossed with "Punch Here" indicated a date between 1935 and 1945.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The cultural resource inventory resulted in the documentation of 15 new historic sites (42Un4728 through 42Un4742). All of the newly documented sites are recommended not eligible to the NRHP because they lack additional research potential and are unlikely to contribute to the history of the area. Ten of these sites (42Un4728, 42Un4730, 42Un4731, 42Un4732, 42Un4734, 42Un4735, 42Un4736, 42Un4737, 42Un4738, and 42Un4741) are surficial historic temporary home-on-range camps with ephemeral features and limited artifact assemblages. Temporal indicators at most of these camps indicate an occupation between 1935 and 1945. Three of the sites (42Un4729, 42Un4739 and 42Un4742) are surficial low density historic artifact scatters which lack associated features. Site 42Un4740 is a prospectors pit with one tin can artifact and site 42Un4733 is a corral with axe-cut wood piles and a mixture of in-period and modern trash. Historic temporary camps are common site types to the area with minimal artifact classes (mostly tin cans). None of these sites are related to known historical events or important persons. Therefore, they do not add significant data to the historic research domains of the area beyond their present documentation.

Table 2. Cultural Resources, Location, NRHP Assessment, and Avoidance Recommendations

Site Number	Legal Description	NRHP Assessment	Avoidance Recommendations
42Un4728	SE, SW, NW of Section 15 T11S , R20E	Not Eligible	N/A
42Un4729	SE, NE, NE of Section 34 T11S , R20E	Not Eligible	N/A
42Un4730	SW, SW, SW of Section 35 T11S , R20E	Not Eligible	N/A
42Un4731	SE, NE, NE of Section 3 T12S , R20E	Not Eligible	N/A
42Un4732	NE, NE, SE of Section 3 T12S , R20E	Not Eligible	N/A
42Un4733	SW, SE, SW of Section 10 T12S, R20E	Not Eligible	N/A
42Un4734	SE, SW, SW of Section 10 T12S , R20E	Not Eligible	N/A
42Un4735	NE, SE, SE of Section 9 T12S, R20E	Not Eligible	N/A
42Un4736	NW, SE, NE of Section 9 T12S , R20E	Not Eligible	N/A
42Un4737	SW, NE, NW of Section 9 T12S , R20E	Not Eligible	N/A
42Un4738	SE, NW, SE of Section 29 T11S , R20E	Not Eligible	N/A
42Un4739	NE, SW, NE of Section 29 T11S , R20E	Not Eligible	N/A
42Un4740	SW, SE, SW of Section 20 T11S, R20E	Not Eligible	N/A
42Un4741	SW, NE, SW of Section 20 T11S, R20E	Not Eligible	N/A
42Un4742	SW, NW, SW & SE, NW, SW of Section 20 T11S , R20E	Not Eligible	N/A

CONCLUSIONS AND RECOMMENDATIONS

The inventory of Mak-J Energy's 16 proposed well locations with access and pipeline corridors resulted in the documentation of 15 historic sites (42un4728 through 42Un4742). None of these sites are recommended as eligible to the NRHP and therefore no avoidance recommendations are proposed. On the basis of the findings, a recommendation of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

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APPENDIX A

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORMS

On File At:

Utah Division of State History
Salt Lake City, Utah
and
Bureau of Land Management
Vernal Field Office

CULTURAL RESOURCE INVENTORY OF
MAK-J ENERGY'S MAIN PIPELINE FOR BIG PACK MTN
WELL LOCATIONS, T 11S, R 20E and T 11S, R21E,
UINTAH COUNTY, UTAH

Keith R. Montgomery
and
Jennifer Taylor

CULTURAL RESOURCE INVENTORY OF
MAK-J ENERGY'S MAIN PIPELINE FOR BIG PACK MTN
WELL LOCATIONS, T 11S, R 20E and T 11S, R21E,
UINTAH COUNTY, UTAH

Keith R. Montgomery
Jennifer Taylor

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Mak-J Energy Partners, Ltd.
370 17th Street, Suite 2710
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-54

March 15, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0098b

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in March 2005 for Mak-J Energy's Main Pipeline for Big Pack Mtn proposed well locations. The project area occurs in the Natural Buttes area, southeast of Ouray, Utah. The survey was implemented at the request of Todd McDonald, Mak-J Energy, Denver, Colorado. The project is situated on land administered by the Bureau of Land Management (BLM), Vernal Field Office.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on March 8, 9 and 10, 2005 by Keith R. Montgomery, (Principal Investigator) under the auspices of U.S.D.I. (FLPMA) Permit No. 04-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-05-MQ-0098b issued to MOAC.

A file search was performed by Keith Montgomery at the BLM Vernal Field Office on March 4, 2005. The result of this file search was that no sites have been recorded in the current inventory area. Several cultural resource inventory projects have been conducted near the current project area. Archeological-Environmental Research Corporation conducted an inventory for proposed highway routes in 1991 which resulted in no sites recorded within the present project area (Hauck 1991). In 2002, MOAC conducted an inventory for the Veritas Uintah Seismic Project which resulted in many new sites, however none were identified within the current project area (Elkins and Montgomery 2002). An Independent Archaeologist conducted an inventory for a proposed pipeline in the area in 2002 and no sites were recorded near the current proposed pipeline corridor (Truesdale 2002). In summary, while several archaeological surveys have been conducted in the area; no sites occur in the current inventory area.

DESCRIPTION OF PROJECT AREA

The proposed Mak-J Energy's main pipeline is situated in the Natural Buttes Field, southeast of Ouray, Utah. The pipeline extends approximately 7,400 meters in a general east-west direction. The legal description is Township 11S, Range 20E, Sections 10, 11, 13, and 15, and Township 11S, Range 21E, Sections 17 and 18 (Figures 1 and 2).

Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the project area occurs on the east and west sides of Willow Creek on the valley floors which are interspersed by flat topped buttes and narrow steep-sided ridges. The area is heavily dissected and carved by ephemeral drainages. Surface geology consists of hard pan residual soil armored with shale and sandstone pebbles. The elevation ranges between 5100 ft and 5600 ft a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and other grasses. Modern disturbances include roads and oil/gas development.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The pipeline corridor was 100 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. Ground visibility was considered to be good. A total of 56 acres was inventoried all of which occurs on land administered by the BLM (Vernal Field Office).

INVENTORY RESULTS

The inventory of Mak-J Energy's Main Pipeline for Big Pack Mtn proposed well locations resulted in no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the undertaking pursuant to Section 106, 36 CFR 800.

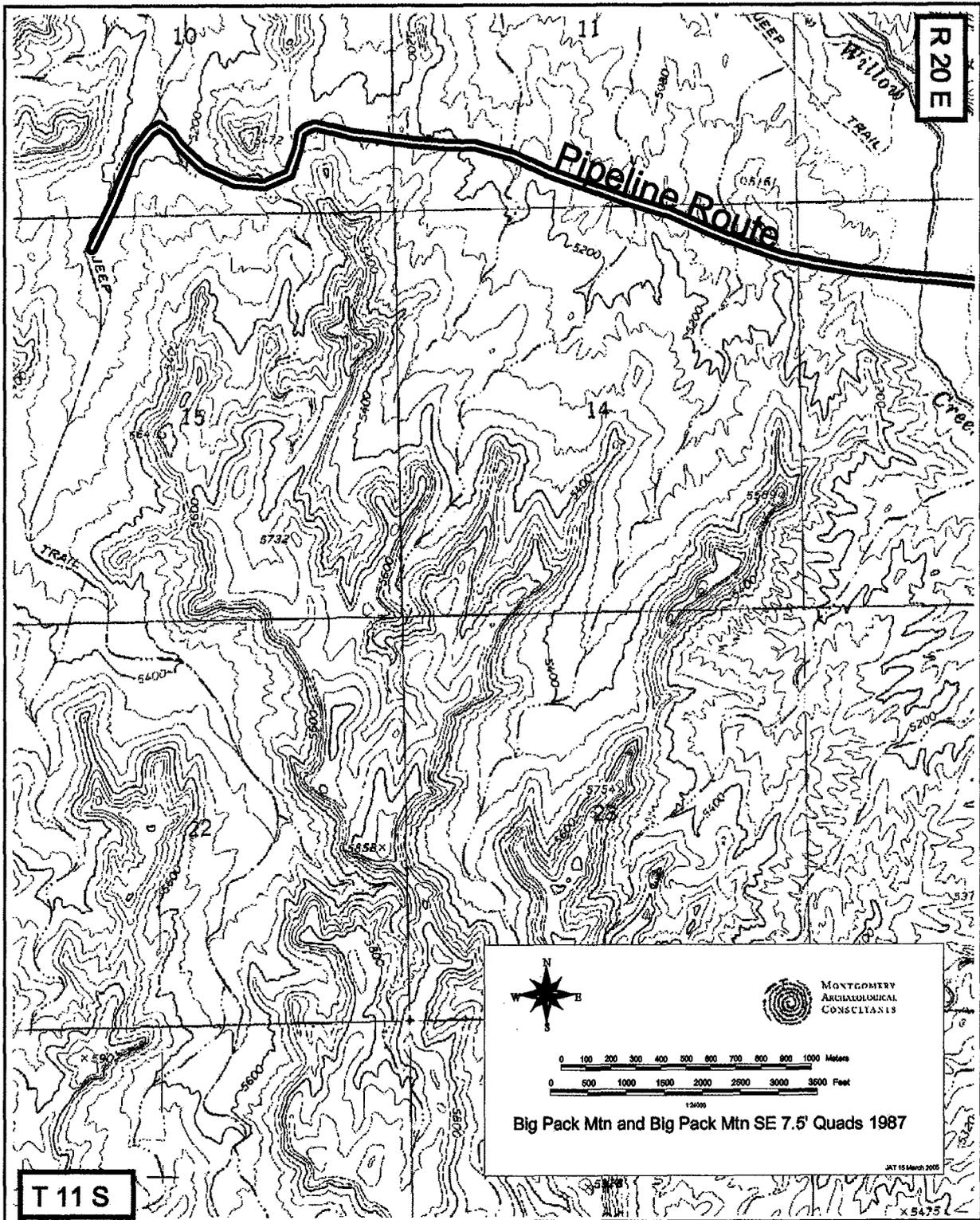


Figure 1. Inventory Area (West) of Mak-J Energy's Main Pipeline for Big Pack Mtn proposed wells, Uintah Co., UT.

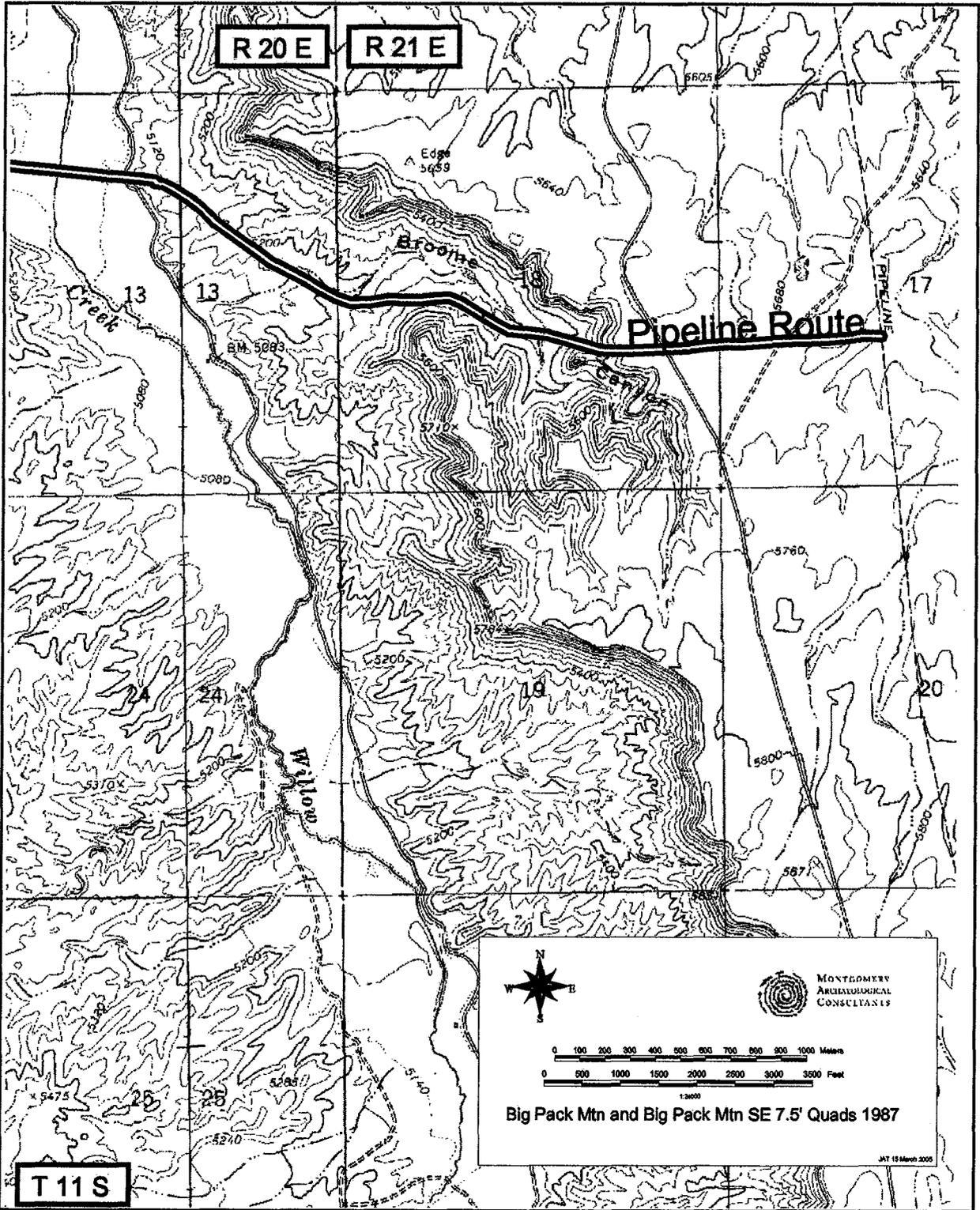


Figure 2. Inventory Area (East) of Mak-J Energy's Main Pipeline for Big Pack Mtn proposed wells, Uintah Co., UT.

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MAK J ENERGY
BIG PACK UNIT 21-15
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 15, T11S, R20E, S.L.B.&M.



PHOTO: VIEW FROM LOCATION STAKE TO CORNER #5

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

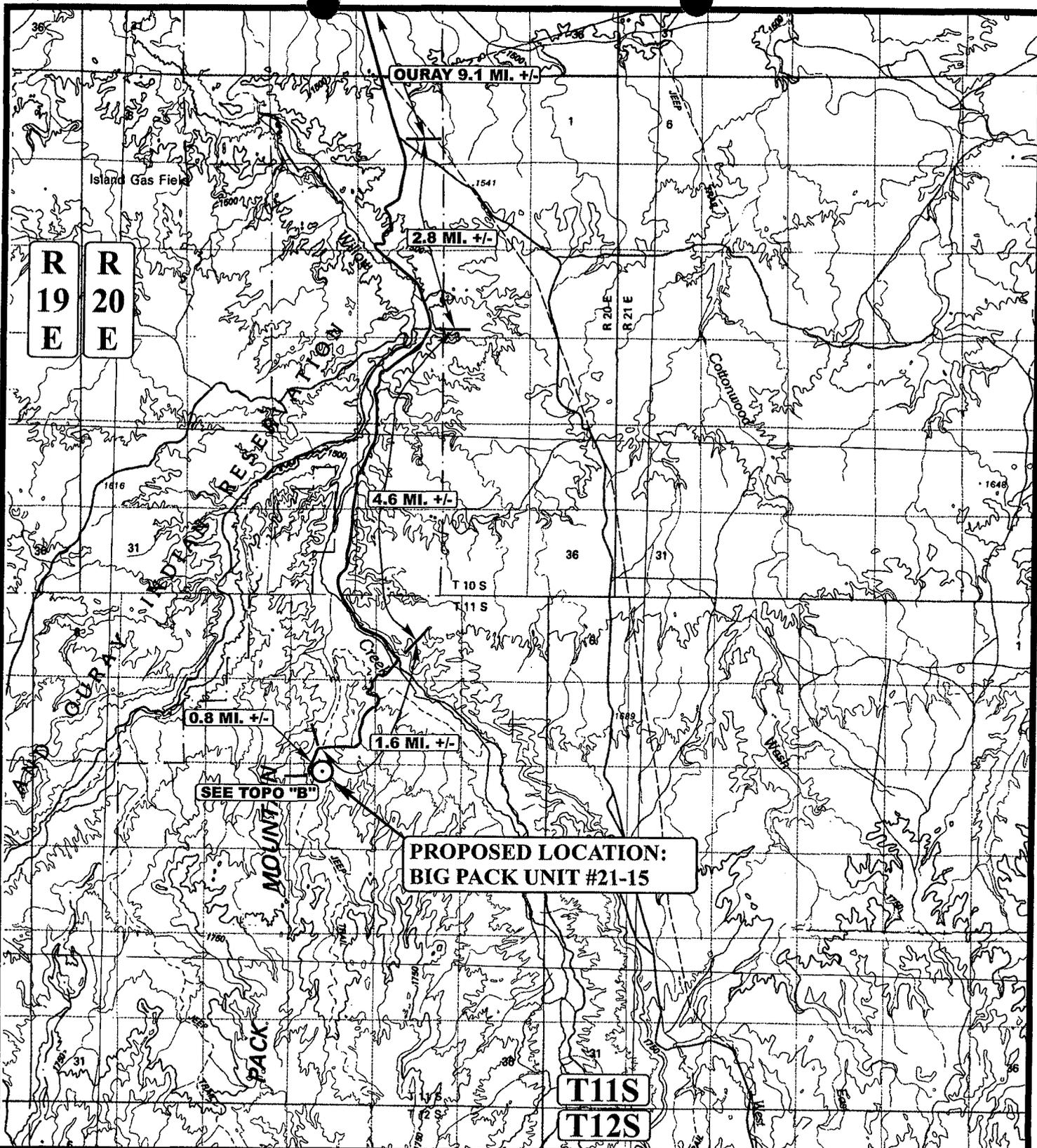
CAMERA ANGLE: EASTERLY



- Since 1964 -

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

LOCATION PHOTOS			02	04	05	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: A.F.	DRAWN BY: C.H.	REVISED: 00-00-00				



**PROPOSED LOCATION:
BIG PACK UNIT #21-15**

**T11S
T12S**

LEGEND:

⊙ PROPOSED LOCATION



MAK J ENERGY

**BIG PACK UNIT #21-15
SECTION 15, T11S, R20E, S.L.B.&M.
557' FNL 1760' FWL**

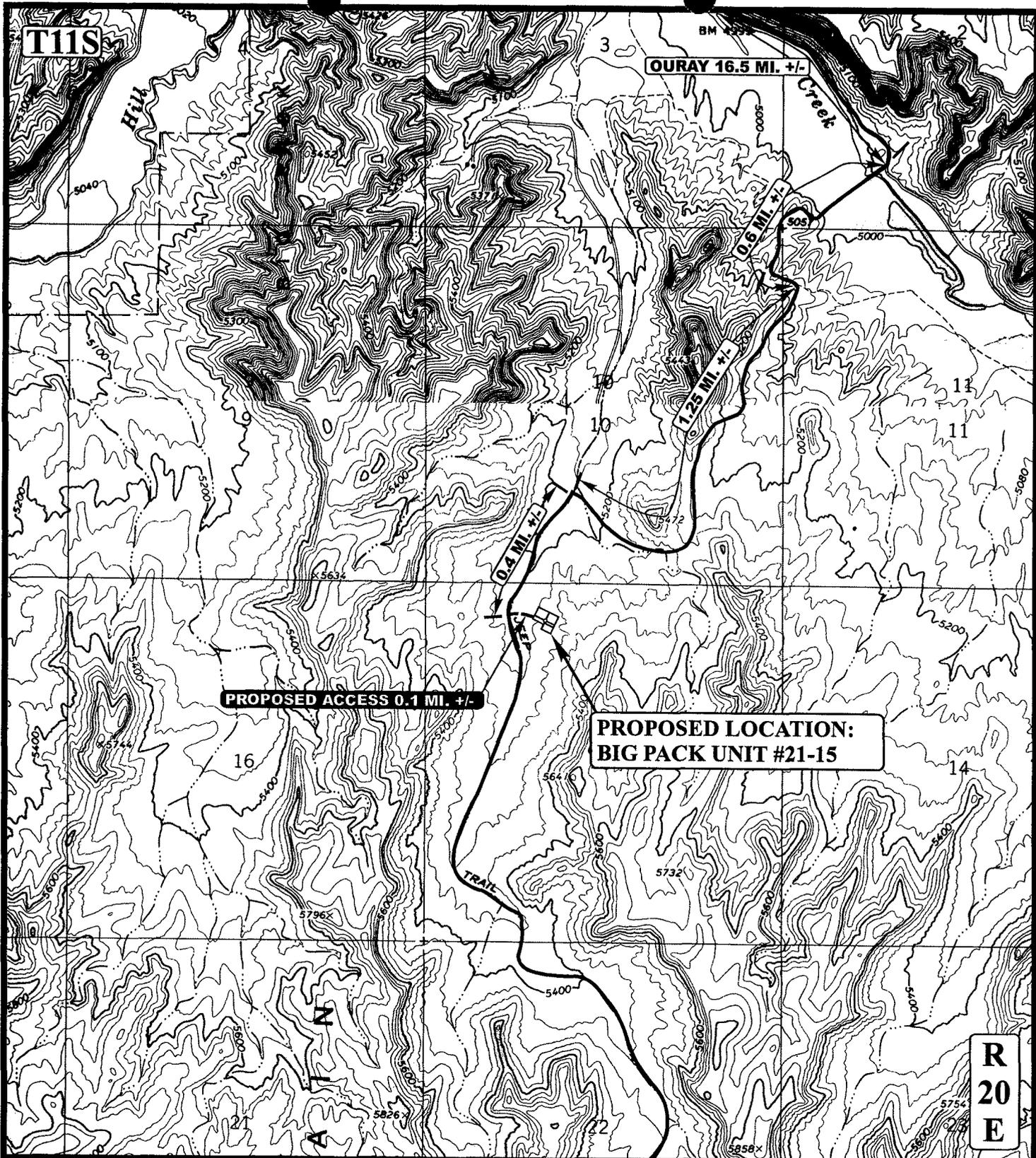


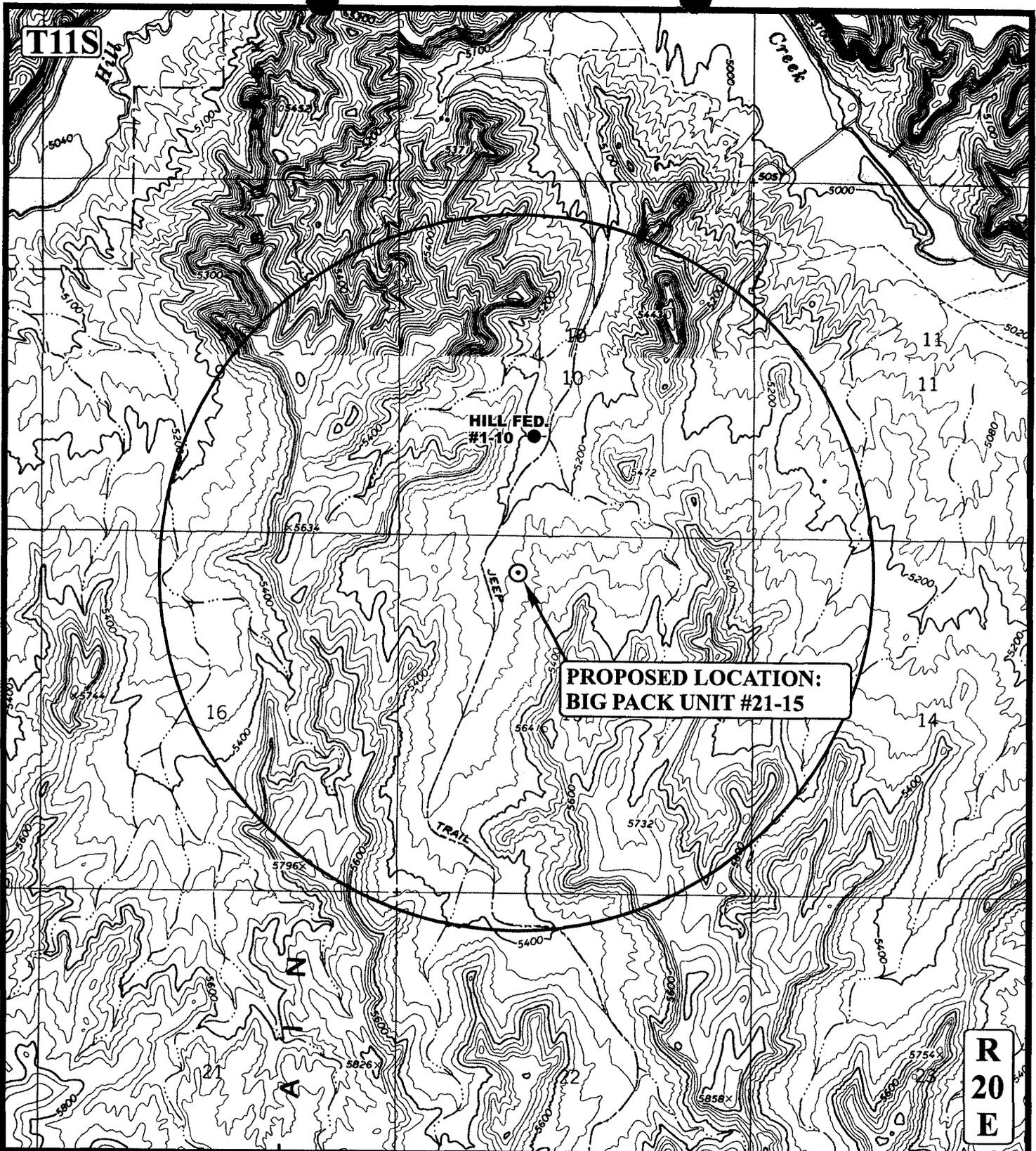
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 02 04 05
MAP MONTH DAY YEAR

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







LEGEND:

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



MAK J ENERGY

BIG PACK UNIT #21-15
SECTION 15, T11S, R20E, S.L.B.&M.
557' FNL 1760' FWL



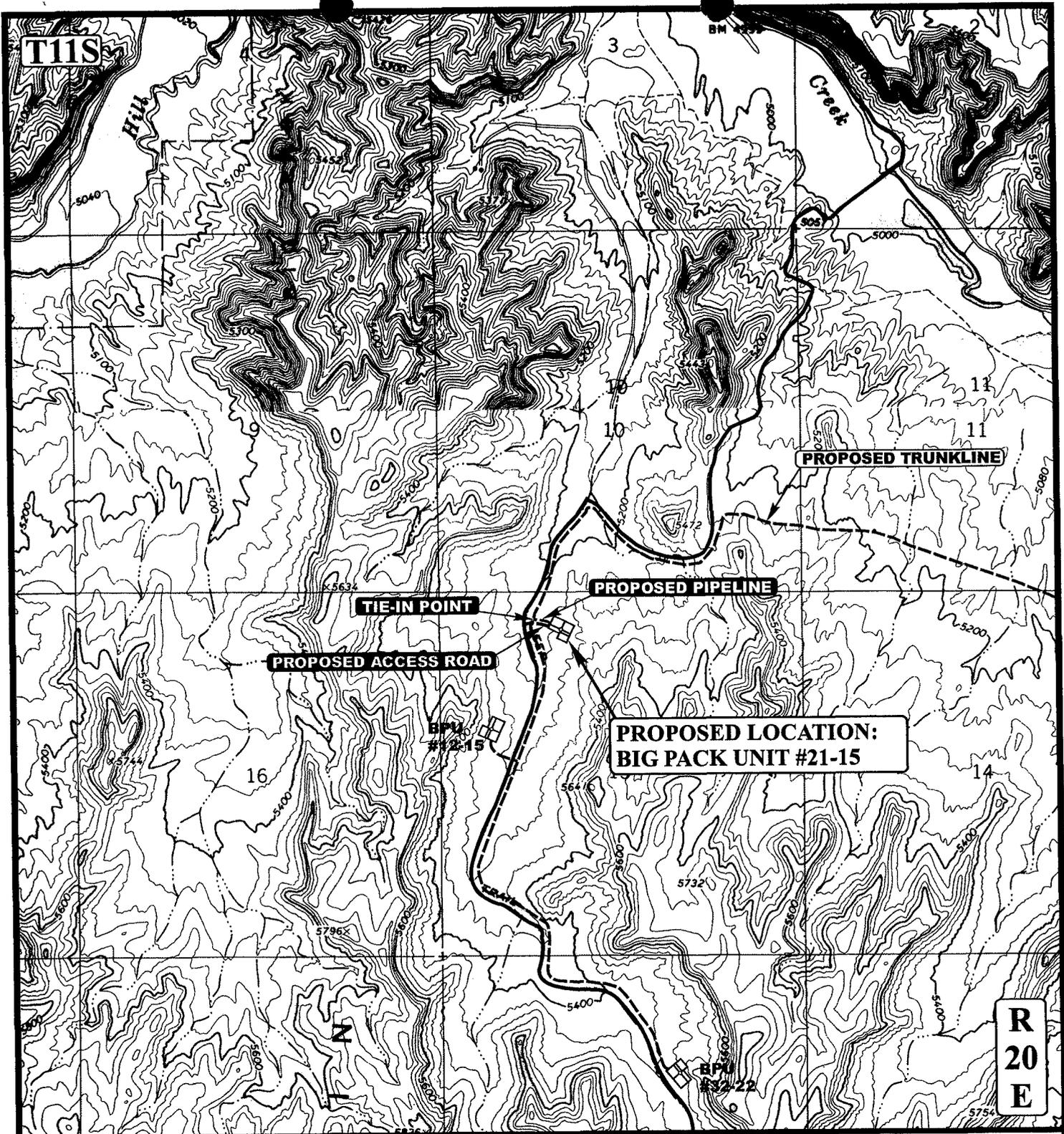
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

02	04	05
MONTH	DAY	YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 280' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

MAK J ENERGY

BIG PACK UNIT #21-15
SECTION 15, T11S, R20E, S.L.B.&M.
557' FNL 1760' FWL



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

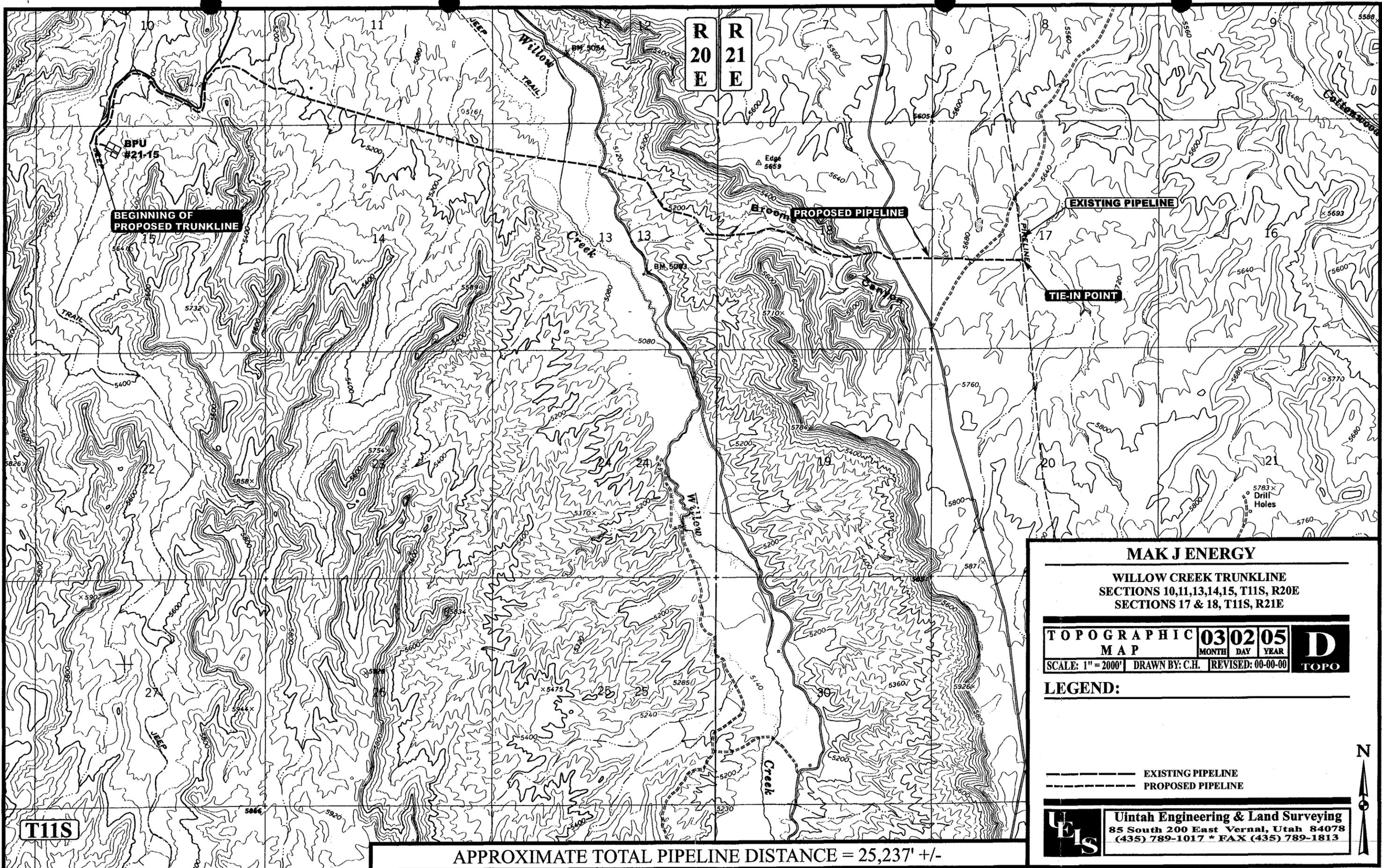


TOPOGRAPHIC
MAP

02	04	05
MONTH	DAY	YEAR

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

D
TOPO



R
20
E

R
21
E

BPU
#21-15

BEGINNING OF
PROPOSED TRUNKLINE

PROPOSED PIPELINE

EXISTING PIPELINE

TIE-IN POINT

T11S

APPROXIMATE TOTAL PIPELINE DISTANCE = 25,237' +/-

MAK J ENERGY

WILLOW CREEK TRUNKLINE
SECTIONS 10,11,13,14,15, T11S, R20E
SECTIONS 17 & 18, T11S, R21E

TOPOGRAPHIC MAP	03	02	05	D TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: C.H.		REVISED: 00-00-00

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE

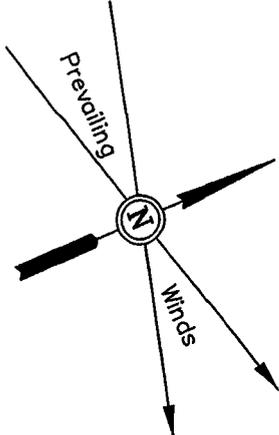
U&L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



MAK J ENERGY

FIGURE #1

LOCATION LAYOUT FOR
BIG PACK UNIT #21-15
SECTION 15, T11S, R20E, S.L.B.&M.
557' FNL 1760' FWL



SCALE: 1" = 50'
DATE: 1-31-05
Drawn By: K.G.

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

Approx.
Toe of
Fill Slope

Topsoil Stockpile

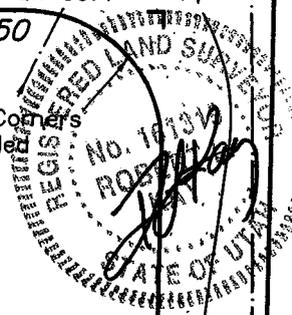
C-7.0'
El. 61.8'

F-15.4'
El. 39.4'

Sta. 3+50

F-5.9'
El. 48.9'

Round Corners
as Needed



Approx.
Top of
Cut Slope

Pit Topsoil

PIPE TUBS

PIPE RACKS

FLARE PIT

C-8.4'
El. 63.2'

C-2.6'
El. 57.4'

C-1.4'
El. 56.2'

C-3.0'
El. 57.8'

El. 62.9'
C-18.1'
(btm. pit)

Blood Line

Sta. 1+50

Reserve Pit Backfill
& Spoils Stockpile

RESERVE PITS
(10' Deep)

15' WIDE BENCH

Total Pit Capacity
W/2' of Freeboard
= 14,440 Bbls. ±
Total Pit Volume
= 3,920 Cu. Yds.

MUD TANKS

MUD TANKS

TOILET

TRAILER

LIGHT PLANT

BOILER

COMPRESSOR

BOOSTER

WATER TANK

PUMP HOUSE

Sta. 0+50

TRASH

PROPANE STORAGE

Existing Drainage

El. 82.1'
C-37.3'
(btm. pit)

Sta. 0+00

Existing Drainage

C-17.3'
El. 72.1'

C-15.9'
El. 70.7'

C-28.8'
El. 83.6'

Topsoil Stockpile

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5256.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 5254.8'

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

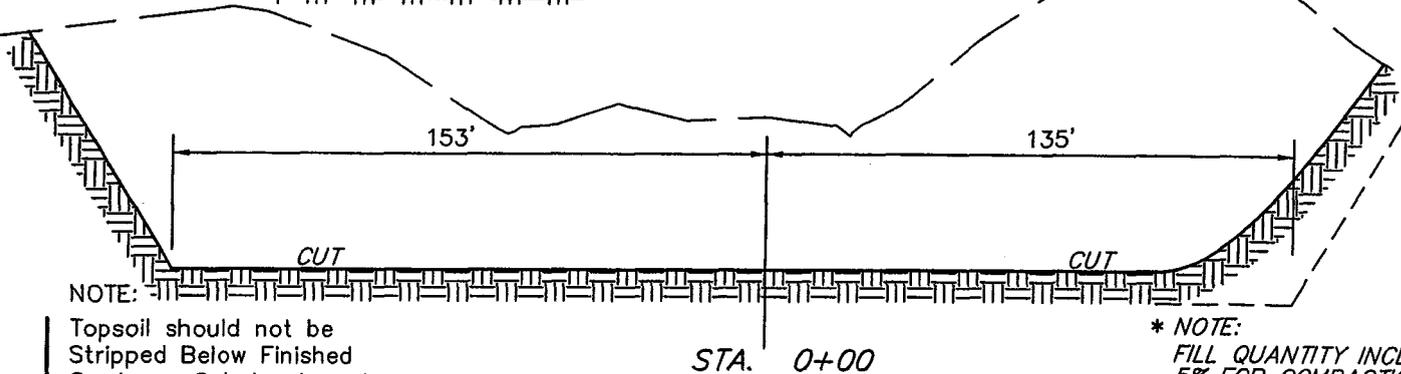
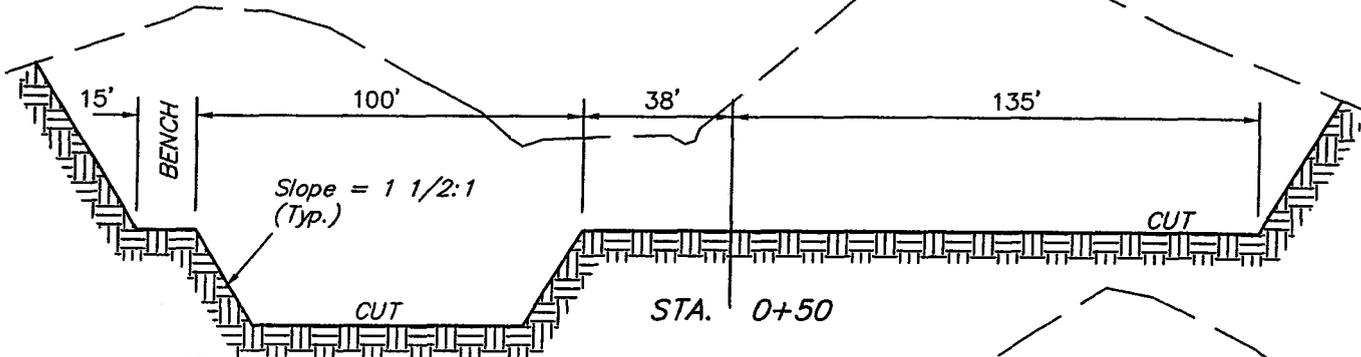
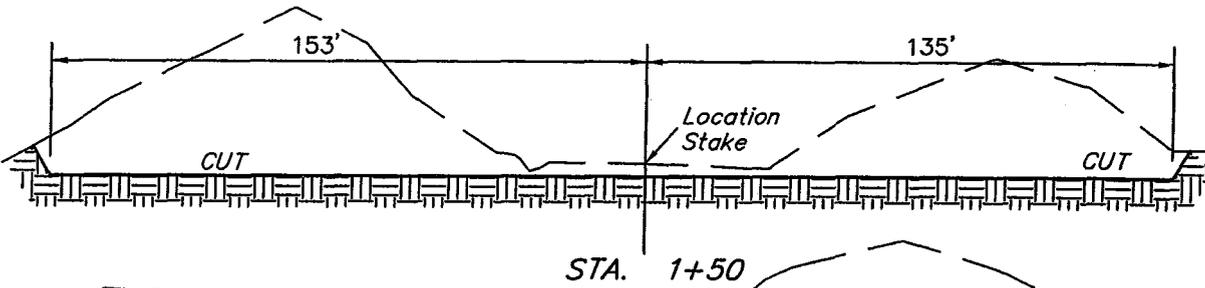
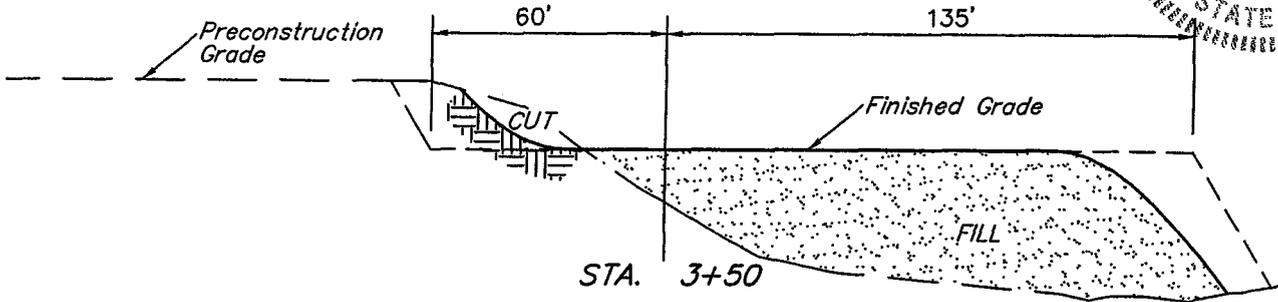
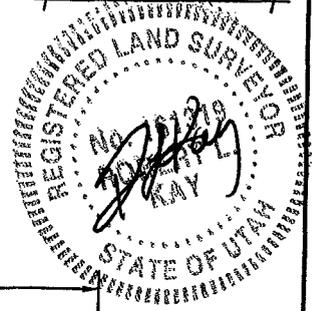
CONSTRUCT DIVERSION DITCH

MAK J ENERGY

TYPICAL CROSS SECTIONS FOR BIG PACK UNIT #21-15 SECTION 15, T11S, R20E, S.L.B.&M. 557' FNL 1760' FWL

FIGURE #2

1" = 20'
X-Section Scale
1" = 50'
DATE: 1-31-05
Drawn By: K.G.



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

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,250 Cu. Yds.
Remaining Location	= 40,340 Cu. Yds.
TOTAL CUT	= 42,590 CU.YDS.
FILL	= 8,960 CU.YDS.

EXCESS MATERIAL	= 33,630 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,210 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 29,420 Cu. Yds.

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

Access Road

195'

CONDENSATE - WATER LINE

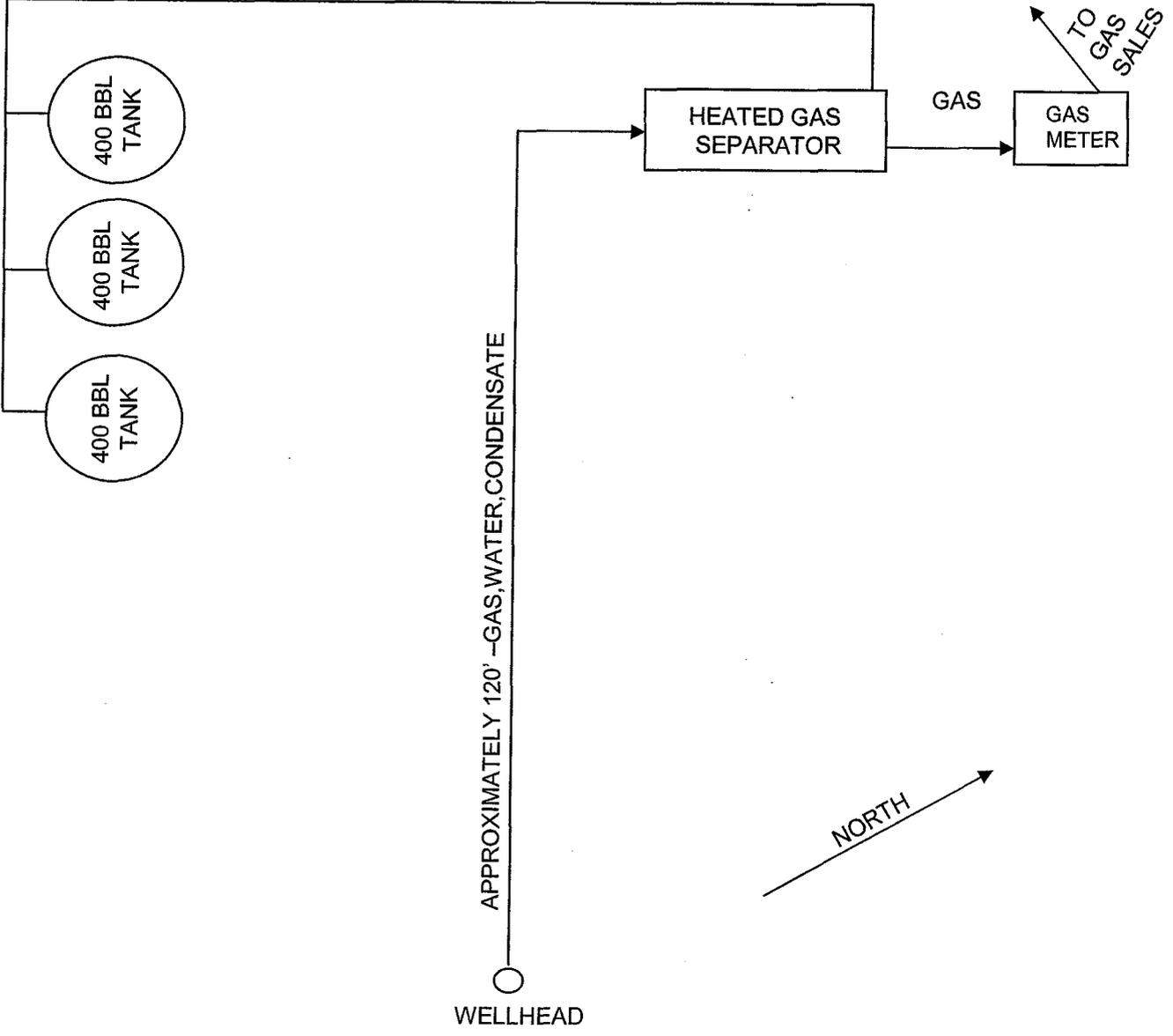


FIGURE #3
NOT TO SCALE

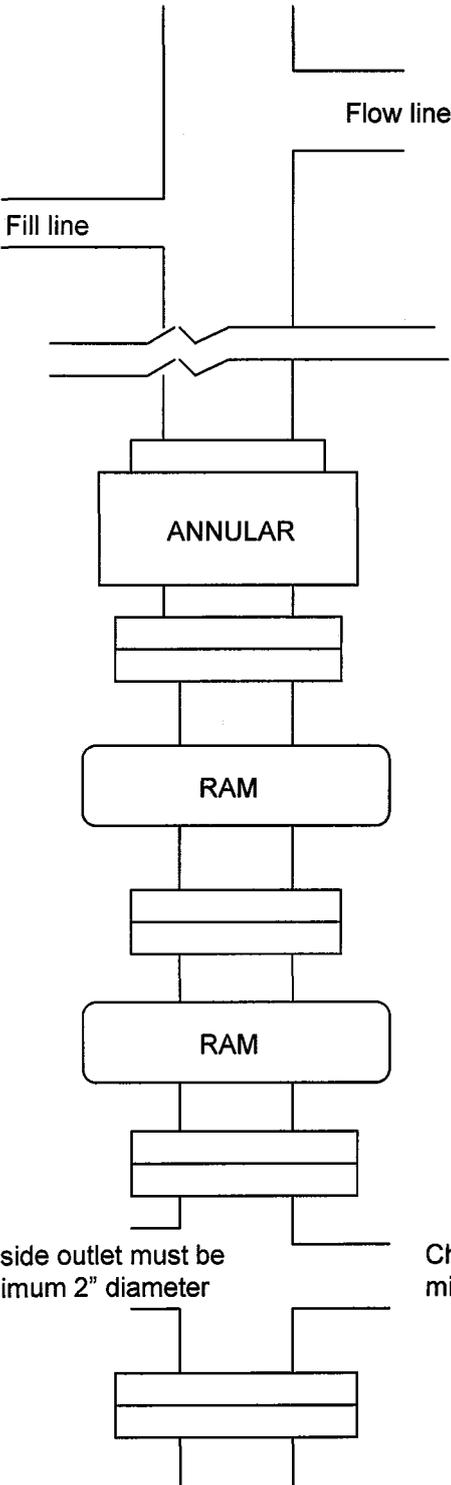
MAK-J ENERGY OPERATING CO, LLC
BIG PACK UNIT #21-15
FEDERAL LEASE NUMBER UTU-76266
557' FNL & 1760' FEL
SECTION 15, T11S-R20E
UNITAH COUNTY, UTAH

350'

195'

3M BLOWOUT PREVENTION STACK

Big Pack Unit #21-15
Federal Lease #UTU-76266
557' FNL & 1760' FWL
Section 15, T11S-R20E
Uintah County, Utah



Upper kelly cock will have handle available.
Safety valve and subs will fit all drill string connections in use
All BOPE connections subjected to well pressure will be flanged, welded, or clamped

Kill side outlet must be minimum 2" diameter

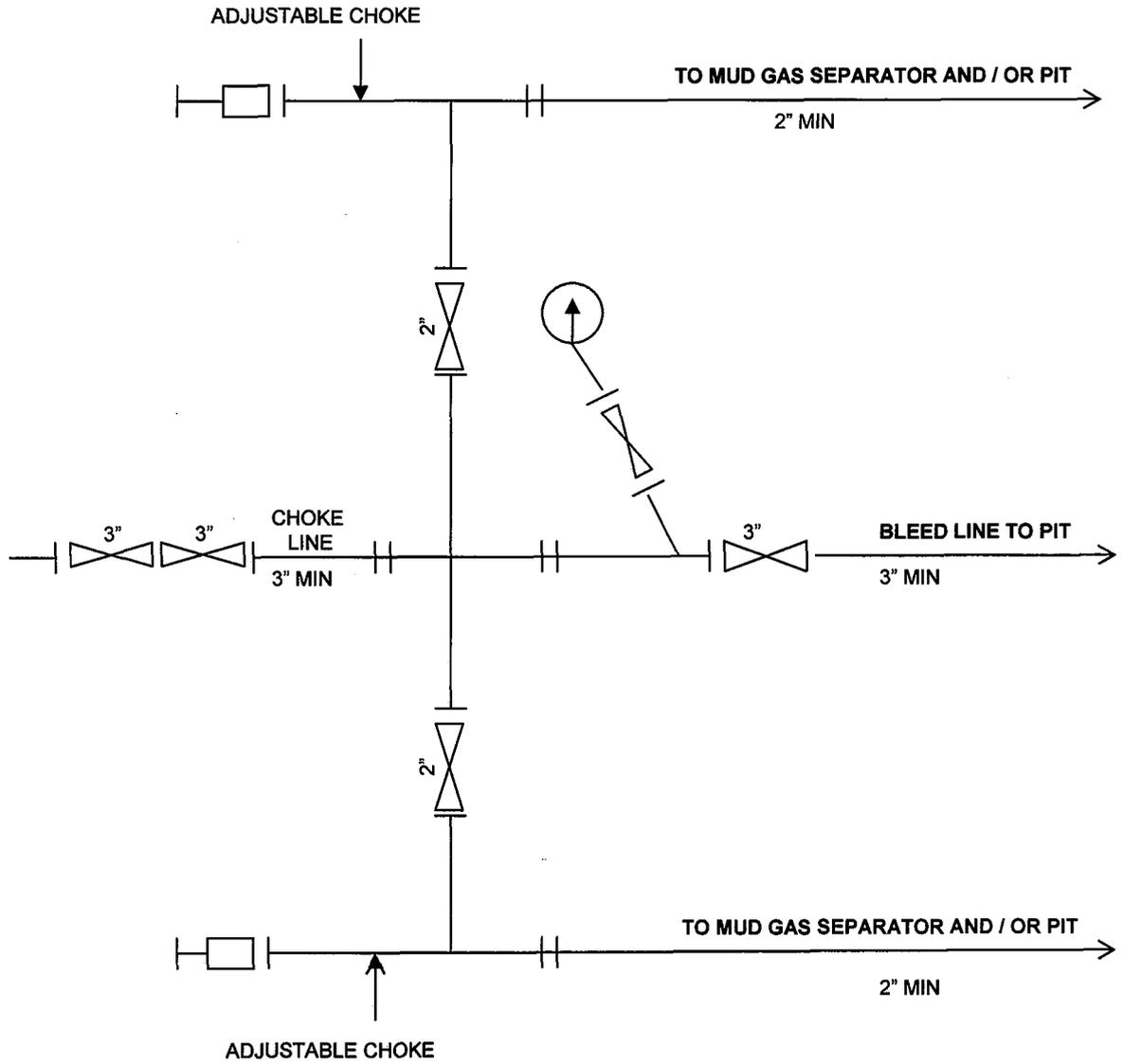
Choke side outlet must be minimum 3" diameter

Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve

EXHIBIT #1

3M Choke Manifold Equipment
(Configuration of chokes may vary)

EXHIBIT #1A



Upper kelly cock will have handle available.
Safety valve and subs will fit all drill string connections in use
All BOPE connections subjected to well pressure will be flanged, welded, or clamped

Big Pack Unit #21-15
Federal Lease #UTU-76266
557' FNL & 1760' FWL
Section 15, T11S-R20E
Uintah County, Utah

MAKJ ENERGY

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/08/2005

API NO. ASSIGNED: 43-047-36540

WELL NAME: BIG PACK U 21-15
OPERATOR: MAK-J ENERGY PARTNERS (N2670)
CONTACT: TODD MCDONALD

PHONE NUMBER: 303-339-5873

PROPOSED LOCATION:

NENW 15 110S 200E
SURFACE: 0557 FNL 1760 FWL
BOTTOM: 0557 FNL 1760 FWL
UINTAH
UNDESIGNATED (2)

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

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-76266
SURFACE OWNER: 1 - Federal
PROPOSED FORMATION: MNCS
COALBED METHANE WELL? NO

LATITUDE: 39.86618
LONGITUDE: -109.6677

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000160)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2179)
- 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: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Strip



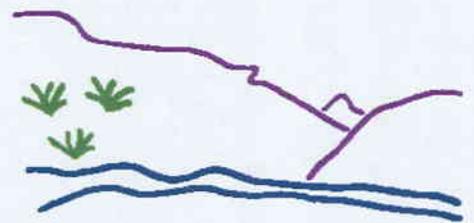
OPERATOR- MAK-J ENERGY OPER CO (N2670)

SEC. 15 T.11S R.20E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

Wells

- ⚡ GAS INJECTION
- ⊛ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⊕ PLUGGED & ABANDONED
- * PRODUCING GAS
- PRODUCING OIL
- ⊛ SHUT-IN GAS
- ⊛ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ♣ WATER DISPOSAL

Units.shp

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

Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY
DATE: 11-APRIL-2005

April 5, 2005

Dianna Whitney
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

RECEIVED
APR 08 2005
DIV. OF OIL, GAS & MINING

Re: Request for Exception Location Big Pack Unit #21-15

Dear Ms. Whitney,

Mak-J Energy Operating Company, LLC. respectfully requests an exception location for the above referenced well. The well is currently staked and permitted at a well spot 557' FNL & 1760' FWL, Section 15, T11S-R20E, Uintah County, Utah. The well is located within the "proposed" Big Pack Unit. An Area-In-Depth was filed with the Bureau of Land management Salt Lake City on February 24, 2005. The well is located on Federal surface and minerals.

Based upon an on-site field inspection conducted on March 16, 2005 with the Bureau of Land Management, Vernal District office, the final surveyed location was chosen due to topographic reasons. Federal Lease # UTU-76266 encompasses all of Section 15. The offsetting lands which are being encroached upon by the subject well (the nwnw, Section 15) are in the control and are Operated by Mak-J Energy Operating Company.

If you have any questions regarding the aforementioned subject matter please do not hesitate and contact myself at 303-339-5873.

Sincerely,



Todd S. McDonald
Vice President
Mak-J Energy Operating Company, LLC.

001

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: UTU-76266	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: na		8. UNIT or CA AGREEMENT NAME: na (proposed Big Pack Unit)	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>	2. NAME OF OPERATOR: Mak-J Energy Operating Company, LLC.		9. WELL NAME and NUMBER: Big Pack Unit #21-15	
3. ADDRESS OF OPERATOR: 370 17th St., Suite 2710 CITY Denver STATE Co ZIP 80202		PHONE NUMBER: (303) 339-5873	10. FIELD AND POOL, OR WILDCAT: Unnamed <i>Undesignated</i>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 577' FNL & 1760' FWL 613953X 39.866176 557 AT PROPOSED PRODUCING ZONE: same as above 4413544Y -109.667675		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: nenw 15 11S 20E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 18.5 miles from Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 577'	16. NUMBER OF ACRES IN LEASE: 1680	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) na	19. PROPOSED DEPTH: 9,450	20. BOND DESCRIPTION: BLM bond #UTB000160		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5255' graded ground level	22. APPROXIMATE DATE WORK WILL START: 7/1/2005	23. ESTIMATED DURATION: 8 days		

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4	9 5/8" J55 36	2,200	65/35 Pozmix	200 sxs	3.82 11.0
			'G'	300 sxs	1.15 15.8
7 7/8	4 1/2 N80 11.6	9,450	Hi-Fill V	200 sxs	3.12 11.6
			50/50 Pozmix	1200 sxs	1.25 14.36

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Todd S. McDonald TITLE Vice President

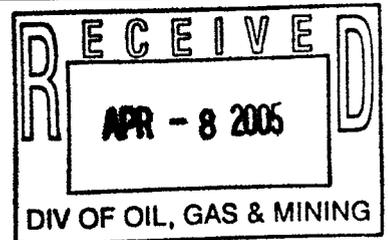
SIGNATURE *Todd S. McDonald* DATE 4/5/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36540

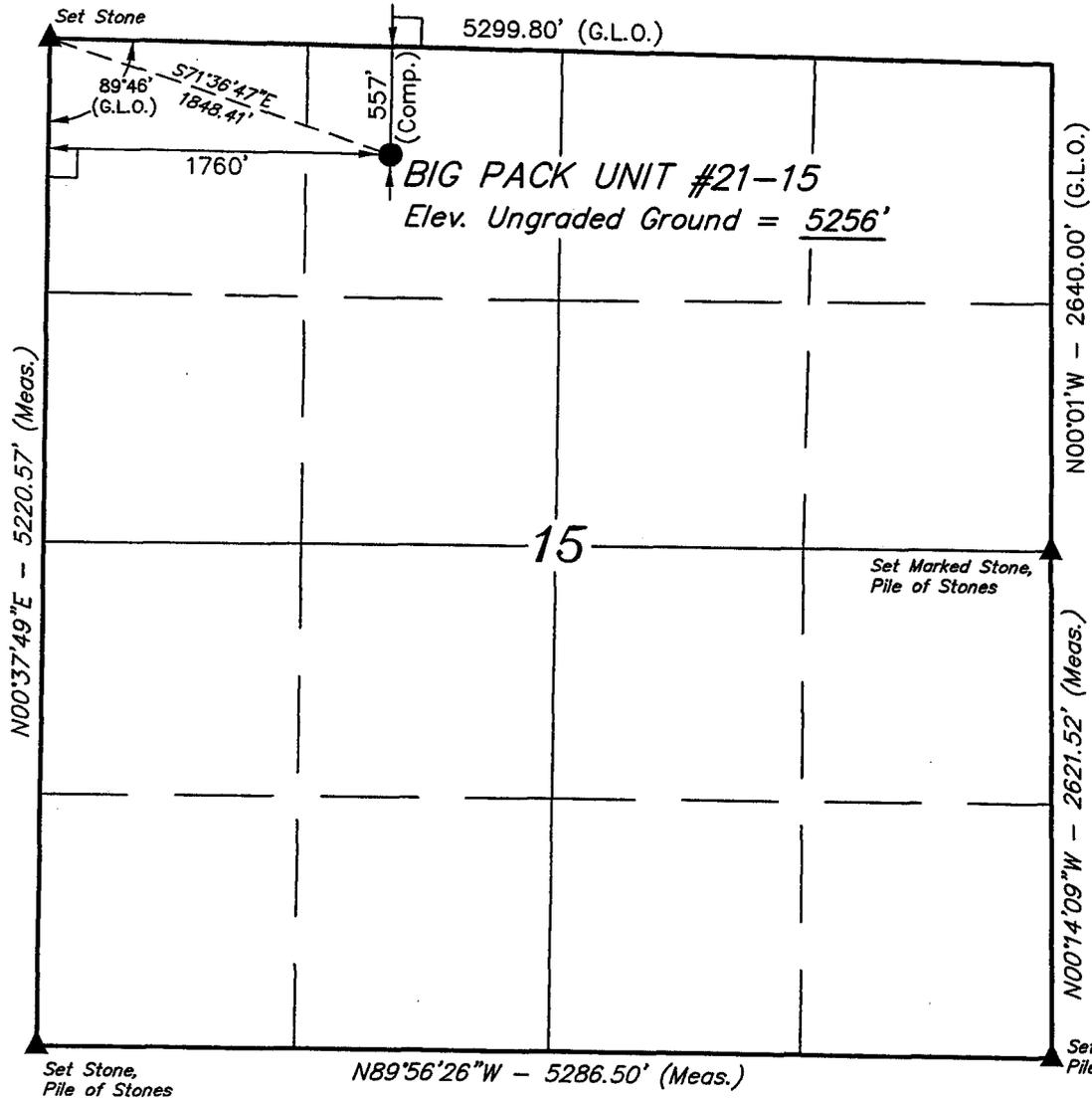
Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:
Date: 04-10-05
By: *[Signature]*
(See instructions on Reverse Side)



Federal Approval of this
Action is Necessary

T11S, R20E, S.L.B.&M.

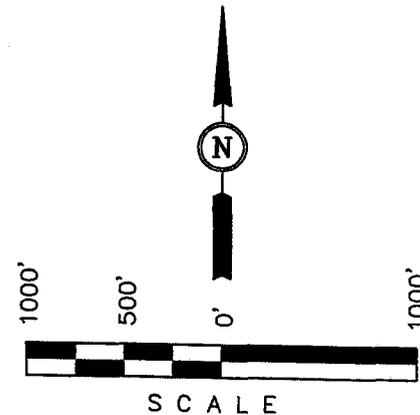


MAK J ENERGY

Well location, BIG PACK UNIT #21-15, located as shown in the NE 1/4 NW 1/4 of Section 15, T11S, R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW 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 5251 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
 REGISTRATION No. 161319
 STATE OF UTAH

BASIS OF BEARINGS

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

(NAD 83)
 LATITUDE = 39°51'57.06" (39.865850)
 LONGITUDE = 109°40'05.33" (109.668147)
 (NAD 27)
 LATITUDE = 39°51'57.18" (39.865883)
 LONGITUDE = 109°40'02.84" (109.667456)

LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 1-28-05	DATE DRAWN: 1-31-05
PARTY A.F. B.G. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE MAK J ENERGY	



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 11, 2005

Mak-J Energy Operating Company, LLC
370 17th St., Suite 2710
Denver, CO 80202

Re: Big Pack Unit #21-15 Well, 557' FNL, 1760' FWL, NE NW, Sec. 15,
T. 11 South, R. 20 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-36540.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

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

Operator: Mak-J Energy Operating Company, LLC
Well Name & Number Big Pack Unit #21-15
API Number: 43-047-36540
Lease: UTU-76266

Location: NE NW **Sec.** 15 **T.** 11 South **R.** 20 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.

APR 07 2005

Form 3160-3
(April 2004)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-76266	
6. If Indian, Allottee or Tribe Name na	
7. If Unit or CA Agreement, Name and No. na (proposed Big Pack Unit)	
8. Lease Name and Well No. Big Pack Unit #21-15	
9. API Well No. 43-047-3654D	
10. Field and Pool, or Exploratory Unnamed	
11. Sec., T. R. M. or Blk. and Survey or Area Section 15, T11S-R20E, S.L.B. &M.	
12. County or Parish Uintah	13. State Ut
14. Distance in miles and direction from nearest town or post office* 18.5 miles to Ouray, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 577'	16. No. of acres in lease 1,680
17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. na	19. Proposed Depth 9,450'
20. BLM/BIA Bond No. on file UTB000160	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5255' graded ground level	22. Approximate date work will start* 07/01/2005
23. Estimated duration 8 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 officer. |

25. Signature <i>Todd S. McDonald</i>	Name (Printed/Typed) Todd S. McDonald	Date 04/05/2005
Title Vice President		
Approved by (Signature) <i>Thomas B. Cleary</i>	Name (Printed/Typed)	Date 08/04/2005
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. **CONDITIONS OF APPROVAL ATTACHED**

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

*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

AUG 11 2005

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Mak-J Energy Operating LLC.
Well Name & Number: Big Pack Unit 21-15
Lease Number: U-76266
API Number: 43-047-36540
Location: NENW Sec. 15 T. 11S R. 20E
Agreement: Big Pack Unit

CONDITIONS OF APPROVAL FOR DRILLING

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. 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

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 & Gas Order No. 2, regarding air or gas drilling shall be adhered to.

3. Casing Program and Auxiliary Equipment

The top 200' of cement behind the production casing must consist of neat Class G or equivalent.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

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.

5. Coring, Logging and Testing Program

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

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.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

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. 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 emergencies, 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 onlease 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 Field 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.

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:

Kirk Fleetwood (435) 828-7874
Petroleum Engineer

Michael Lee (435) 828-7875
Petroleum Engineer

Matt Baker (435) 828-4470
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

The Willow Creek Trunkline will not be constructed.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 17 2006

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 **MAK-J ENERGY OPERATING COMPANY, LLC.**

3a. Address **370 17TH ST., SUITE 2710, DENVER, CO. 80202**
 3b. Phone No. (include area code) **303-339-5873**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
577' FNL & 1760' FWL, SECTION 15, T11S-R20E, S.L.B.&M

5. Lease Serial No.
UTU-76266

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA/Agreement, Name and/or No.
BIG PACK UNIT

8. Well Name and No.
BIG PACK UNIT #21-15

9. API Well No.
43-047-36540

10. Field and Pool, or Exploratory Area
WILDCAT

11. County or Parish, State
UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other permit extension
	<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 Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports 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.)

Mak-J Energy Operating Company LLC. respectfully requests a one year extension to the Federal Approved Permit to Drill dated 8/4/2005 for the subject well.

Accepted by the
Utah Division of
Oil, Gas, and Mining

CONDITIONS OF APPROVAL ATTACHED

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

TODD S. MCDONALD

Title **VICE PRESIDENT**

Signature *Todd McDonald*

Date **07/13/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Mark Baker*
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.

Petroleum Engineer

Title _____ Date **07/13/2006**

Office _____

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

(Instructions on page 2)

UDOGM

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AUG 10 2006

DIV OF OIL, GAS & MINING

CONDITIONS OF APPROVAL

MAK-J Energy Operating Co.

Notice of Intent APD Extension

Lease: UTU-76266
Well: Big Pack Unit 21-15
Location: SESW Sec 15-T11S-R20E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 08/4/07
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

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-76266
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: BIG PACK UNIT #21-15	9. API NUMBER: 4304736540
2. NAME OF OPERATOR: MAK-J ENERGY OPERATING COMPANY, LLC	10. FIELD AND POOL, OR WILDCAT: WILDCAT	
3. ADDRESS OF OPERATOR: 370 17TH STREET, STE 271 <small>CITY</small> DENVER <small>STATE</small> CO <small>ZIP</small> 80202	PHONE NUMBER: (303) 339-5871	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 577' FNL & 1760' FWL	COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 11S 20E	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"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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>APD extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Mak-J respectfully requests a one year extension to the approved State APD dated April 11, 2005. The Bureau of Land Management has required Mak-J to conduct an Environmental Assessment on a pipeline route to transport gas out of the Big Pack Unit. This process has been ongoing since late last summer. Anticipated completion and record of decision is anticipated in the fourth quarter of this year.

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

Date: 06-05-06
By: [Signature]

1010/106
RM

NAME (PLEASE PRINT) <u>TODD S. MCDONALD</u>	TITLE <u>VICE PRESIDENT</u>
SIGNATURE <u>[Signature]</u>	DATE <u>6/1/2006</u>

(This space for State use only)

RECEIVED
JUN 02 2006

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

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

API: 4304736540
Well Name: Big Pack Unit #21-15
Location: 577' FNL & 1760' FWL, Section 15, T11S-R20E
Company Permit Issued to: Mak-J Energy Operating Company, LLC
Date Original Permit Issued: 4/11/2005

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

Paul A. McQuill
Signature

6/1/2006
Date

Title: Vice President

Representing: Mak-J Energy Operating Company LLC

RECEIVED
JUN 02 2006

DEPT. OF OIL, GAS & ENERGY

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

1/25/2007

FROM: (Old Operator): N2670-Mak-J Energy Operating Company, LLC 370 17th St., Suite 2710 Denver, CO 80202 Phone: 1 (303) 339-5871	TO: (New Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Pkwy, Suite 600 Oklahoma City, OK 73134 Phone: 1-(405) 749-1300
CA No.	Unit:
	BIG PACK

SEE ATTACHED FOR WELL LIST

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/14/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/14/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/27/2007
- 4a. Is the new operator registered in the State of Utah: Business Number: 852894-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: 2/14/2007
6. **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 BIA
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **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: 2/28/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2007
3. Bond information entered in RBDMS on: 2/28/2007
4. Fee/State wells attached to bond in RBDMS on: 2/28/2007
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 2/14/2007

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 76S630500330
2. Indian well(s) covered by Bond Number: n/a
- 3a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 76S63050600
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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:

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76311
2. NAME OF OPERATOR: MAK-J ENERGY OPERATING COMPANY, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17TH STREET CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Big Pack Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER: See Attached List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Uintah
		STATE: UTAH

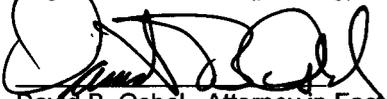
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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: <u>Transfer of APD's</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

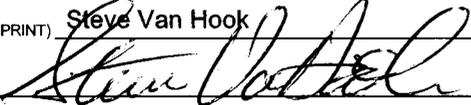
Mak-J Energy Partners, Ltd has sold its interest in the following referenced wells to Dominion Exploration & Production, Inc. effective: 01/25/2007. Dominion requests transfer of these approved APD's and any pending APDs

Big Pack Unit 12-15	Big Pack Unit 14-15	Big Pack Unit 21-15	Big Pack Unit 21-22
Big Pack Unit 34-22	Big Pack Unit 21-27	Big Pack Unit 24-27	Big Pack Unit 34-34
Big Pack Unit 12-2 (pending)			

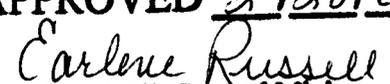

David B. Oshel, Attorney in Fact *RW*
Dominion Exploration & Production, Inc
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

1/24/07
Date

Above wells are covered by BLM Bond # 765630500330
UT Bond # WV3322

NAME (PLEASE PRINT) <u>Steve Van Hook</u>	TITLE <u>Vice President</u>
SIGNATURE 	DATE <u>1/25/2007</u>

(This space for State use only)

APPROVED 3138106

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
FEB 14 2007

DIV. OF OIL, GAS & MINING

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

Request to Transfer Application or Permit to Drill

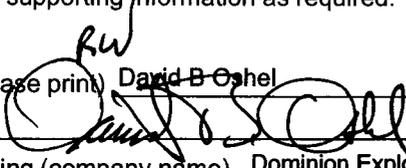
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Big Pack Unit 21-15
API number:	4304736540
Location:	Qtr-Qtr: NENW Section: 15 Township: 11S Range: 20E
Company that filed original application:	Mak-J Operating Co. LLC
Date original permit was issued:	04/11/2005
Company that permit was issued to:	Mak-J Operating Co. LLC

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	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
<input type="checkbox"/>	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?	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____	<input type="checkbox"/>	<input 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) David B Oshel Title Attorney in Fact
 Signature  Date 01/25/2007
 Representing (company name) Dominion Exploration & Production, Inc

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

RECEIVED

FEB 14 2007



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

FEB 27 2007

Dominion Exploration & Production, Inc.
Attn: Pam Robbins
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134-2600

Re: Big Pack Unit (UTU-82244X)
Uintah County, Utah

Gentlemen:

On February 20, 2007, we received an indenture dated January 25, 2007, whereby MAK-J Energy Operating Company, LLC resigned as Unit Operator and Dominion Exploration & Production, Inc. was designated as Successor Unit Operator for the Big Pack Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Big Pack Unit Agreement.

Your Wyoming nationwide oil and gas bond, No. WY3322 will be used to cover all Federal operations within the Big Pack Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ R. A. Mckee

R. A. Mckee
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED
MAR 01 2007
DIV. OF OIL, GAS & MINING

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

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

API: 43-047-36540
Well Name: BPU 21-15
Location: 577' FNL & 1760' FWL, Sec. 15-11S-20E
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 4/11/2005

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

4/25/2007
Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED
APR 30 2007
DIV. OF OIL, GAS & MINING

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - unless instructed otherwise	
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. UTU-76266
2. Name of Operator Dominion Exploration & Production, Inc.	6. If Indian, Allottee or Tribe Name Big Pack Unit
3a. Address 14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134	8. Well Name and No. BPU 21-15
3b. Phone No. (include area code) (405) 749-5237	9. API Well No. 43-047-36540
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 577' FNL & 1760' FWL, NE NW, Sec. 15-11S-20E	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Uintah, UT

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"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Name Change
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

Dominion requests permission to change the name and well number from BPU 21-15 to BPU 3-15H.

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

Name (Printed/Typed) Barbara Lester	Title Regulatory Specialist
Signature 	Date 5/10/2007

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, makes 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.

RECEIVED
MAY 14 2007

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED
VERNAL FIELD OFFICE
2007 JUL 27 PM 8:30

SUBMIT IN TRIPLICATE - Other Instructions on reverse side - THE UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Dominion Exploration and Production, Inc.

3a. Address
 P.O. Box 1360, Roosevelt, UT 84066

3b. Phone No. (include area code)
 (435) 722-4521

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 577' FNL & 1760' FWL, NE NW, SEC 15 - T11S - R20E

5. Lease Serial No.
 UTU - 76266

6. If Indian, Allottee or Tribe Name
 NA

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

8. Well Name and No.
 BPU 3-15H (Formerly BPU 21-15)

9. API Well No.
 43-047-36540

10. Field and Pool, or Exploratory Area
 Wildcat

11. County or Parish, State
 Uintah County, Utah

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

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

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

Dominion Exploration & Production, Inc. requests an extension to Federal Approved Permit to Drill dated 8/4/2005. A previously approved request by Mak J Energy allowed an extension until 8/4/07. The request for an additional extension is the result of Mak J Energy selling the property to Dominion E&P a short time ago and Dominion E&P now selling the property to XTO Energy. Dominion requests the Extension on behalf of XTO Energy who has committed to build and spud the well by September 30, 2007 and to begin drilling operations by October 31, 2007

AUG 30 2007

CONDITIONS OF APPROVAL ATTACHED

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

Name (Printed/Typed) Ken Secret Title Production Foreman

Signature *Ken Secret* Date July 27, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Matt Baker* Title Petroleum Engineer Date JUL 28 2007

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, makes 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.

CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-76266
Well: BPU 3-15H
Location: NENW Sec 15-T11S-R20E

A 60 day extension for the referenced APD is granted with the following conditions:

1. The well shall be spudded no later then 09/30/07
2. Drilling operations shall commence no later then 10/30/07

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: XTO ENERGY, INC

Well Name: BIG PACK U 3-15H

Api No: 43-047-36540 Lease Type: FEDERAL

Section 15 Township 11S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 09/21/07

Time _____

How DRY

Drilling will Commence: _____

Reported by RICK OMAN

Telephone # (435) 828-1456

Date 09/21/07 Signed CHD

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

7/1/2007

<p>FROM: (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 Phone: 1 (405) 749-1300</p>	<p>TO: (New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102 Phone: 1 (817) 870-2800</p>
--	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	Unit:	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST									

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: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: _____ Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- 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: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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
2. NAME OF OPERATOR: XTO Energy Inc. N2615		9. API NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600 **N1095**
Oklahoma City, OK 73134

James D. Abercrombie
James D. Abercrombie (405) 749-1300
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

(5/2000)

7

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

BIG PACK UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731775	WILLOW CREEK UNIT 1	SWNE	27	110S	200E	U-34705	10804	Federal	GW	S
4304736488	BIG PACK U 32-22	SWNE	22	110S	200E	UTU-76267	14929	Federal	GW	S
4304736489	BIG PACK U 31-34	NWNE	34	110S	200E	UTU-34705	14961	Federal	GW	OPS
4304736540	BIG PACK U 3-15H	NENW	15	110S	200E	UTU-76266	99999	Federal	GW	DRL
4304736555	BIG PACK U 41-3	NENE	03	120S	200E	UTU-76311	15030	Federal	GW	OPS



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Big Pack Bend Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Big Pack Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Big Pack Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

XTO ENERGY INC.

BPU 3-15H

APD Data

September 27, 2007

Location: 557' FNL & 1760' FWL, Sec. 15, T11S,R20E County: Uintah

State: Utah

GREATEST PROJECTED TD: 9450' MD
APPROX GR ELEV: 5255'

OBJECTIVE: Wasatch/Mesaverde
Est KB ELEV: 5269' (14' AGL)

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at ± 2200' in a 12.25" hole filled with 8.4 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-2200'	2200'	36#	J-55	ST&C	2020	3.66	394	8.921	8.765	2.10	3.66	4.97

Production Casing: 5.5" casing set at ±9450' in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9450'	9450'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.76	2.16	2.17

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

4. CEMENT PROGRAM:

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9450' in 7.875" hole.

LEAD:

±486 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft³/sk, 17.71 gal wtr/sx.

TAIL:

300 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 2042 ft³. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings.

9. COMPANY PERSONNEL:

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Home Phone</u>
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

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

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615
Address: 382 CR 3100
city AZTEC
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736540	BPU 3-15H BIG PACKU 3-15H		NENW	15	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16424	9/23/2007		10/17/07		
Comments: MNCS							

Well 2

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

Well 3

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

ACTION CODES:

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

HOLLY C. PERKINS

Name (Please Print)

Signature

Regulatory Compliance Tech

Title

10/16/2007

Date

RECEIVED

OCT 17 2007

DIV. OF OIL, GAS & MINING

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-76266
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
2. NAME OF OPERATOR XTO ENERGY INC.		8. WELL NAME and NUMBER: BPU 3-15H
3. ADDRESS OF OPERATOR 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		9. API NUMBER: 4304736540
4. LOCATION OF WELL FOOTAGES AT SURFACE: 557' FNL & 1760' FWL		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
QTR/QTR. SECTION. TOWNSHIP. RANGE, MERIDIAN: NENW 15 11S 20E		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: SPUD
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/23/2007			

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

XTO Energy Inc. spudded 12-1/4" hole from surface to 2200' MD. Ran 48 jts 9-5/8" , 36#, J55, ST&C surface casing to 2171' and set w/550 sx Hi Fill cement.

Drilling ahead . . .

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE	DATE 10/16/2007

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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-76266
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
2. NAME OF OPERATOR: XTO ENERGY INC.		8. WELL NAME and NUMBER: BPU 3-15H
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		9. API NUMBER: 4304736540
		10. FIELD AND POOL, OR WLD CAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 577' FNL & 1760' FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 11S 20E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/15/2007	<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: MONTHLY RPT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	10/6/07 - 11/15/07

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Monthly Report for 10/6/2007 to 11/15/2007 attached.

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NOV 23 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE	DATE 11/19/2007

(This space for State use only)

UINTAH

BPU 3-15H

LOCATION : NENW, Sec 15, T11S, R20E
CONTRACTOR: Patterson UTI, 12

DATE: 10/6/2007

OPERATION: Rig Down Rig. Move to BPU 3-15H

DFS: 13 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC: DWC: 29,200.00 CWC: 208,186.00

TIME DIST: (24.00) Rig Down Rig. Move to RBU 3-15H..

DATE: 10/7/2007

OPERATION: Rig Down Rig. Move to BPU 3-15H

DFS: 14 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC: DWC: 29,200.00 CWC: 237,386.00

TIME DIST: (24.00) Rig Down Rig. Move To RBU 3-15H..

DATE: 10/8/2007

OPERATION: Rig Down Rig. Move to BPU 3-15H

DFS: 15 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC: DWC: 10,700.00 CWC: 248,086.00

TIME DIST: (24.00) Rig Down Rig. Move To RBU 3-15H. No Rig Charge. Only Had Two Days To Move Rig Per. Contract. Trucking COst \$70000.00 Total.

DATE: 10/9/2007

OPERATION: Rig Up Rig.

DFS: 16 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC: DWC: 10,700.00 CWC: 258,786.00

TIME DIST: (24.00) Hook up two differnt mud pumps & light plant..

DATE: 10/10/2007

OPERATION: Rig Up Rig. BOP Test. PU BHA #1.

DFS: 17 Footage Made: Measured Depth:

MW: 8.4 VISC: 26

WOB: RPM:

DMC: CMC: DWC: 31,500.00 CWC: 290,286.00

TIME DIST: (2.00) Rig Up Rig.. (5.00) BOP Test 3000 psi high 250 psi low.. (2.50) RU Gas Buster & Flare Lines.. (0.50) Install Wear Bushing.. (2.00) PU BHA #1.. (6.50) PU Drill Pipe & Tag Cement.. (2.00) Rig Repairs. Repair Mud Pumps Leaks.. (1.00) Drill Cement.. (2.50) Rig Repairs. Repair Rotary Bearing..

DATE: 10/11/2007

OPERATION: Rig Repairs.

DFS: 18 Footage Made: Measured Depth:

MW: 8.4 VISC: 26

WOB: RPM:

DMC: CMC: DWC: 39,184.00 CWC: 329,470.00

TIME DIST: (24.00) Rig Repairs. Repair Rotary Bearings & Rotary Shaft..

DATE: 10/12/2007

OPERATION: Rig Repairs.

DFS: 19 Footage Made: Measured Depth:

MW: 8.4 VISC: 26

WOB: RPM:

DMC: CMC: DWC: 37,189.00 CWC: 366,659.00

TIME DIST: (24.00) Rig Repairs. Repair Rotary Shaft & Bearing..

DATE: 10/13/2007

OPERATION: Rig Repairs. Total Hrs Down 74.5 HRS.

DFS: 20 Footage Made: Measured Depth:

MW: 8.4 VISC: 26

WOB: RPM:

DMC: CMC: DWC: 30,700.00 CWC: 397,359.00

TIME DIST: (24.00) Rig Repair. Repair Rotary Shaft & Bearing. Total Hrs Dwn 74.5 Hrs..

DATE: 10/14/2007
OPERATION: Rig Repairs 77.5 HRS. Drilling Ahead F/ 2129' KB.
DFS: 21 Footage Made: 1,183 Measured Depth: 3,312
MW: 8.4 VISC: 26
WOB: 20 RPM: 53
DMC: CMC: DWC: 32,150.00 CWC: 429,509.00
TIME DIST: (3.00) Rig Repairs. Total Hrs Dwn 77.5 Hrs.. (1.00) Trip in hole to 2129' kb.. (1.50) Rig Repairs. Repair stand pipe gasket in union.. (2.50) Drill cement & float equipment.. (0.50) Service Rig.. (1.00) Drill cement & float equipment.. (2.00) Drilled 110' @ 55.00 ft/hr.. (0.50) Deviation Survey @ 2228' kb .42 Degrees.. (11.50) Drilled 1019' @ 88.17 ft/hr.. (0.50) Miss Run..

DATE: 10/15/2007
OPERATION: Drilling Ahead F/ 5184' KB. Drid 1872' @ 22.50 Hrs
DFS: 22 Footage Made: 1,872 Measured Depth: 5,184
MW: 8.5 VISC: 26
WOB: 20 RPM: 50
DMC: CMC: DWC: 36,797.00 CWC: 466,306.00
TIME DIST: (0.50) Deviation Survey @ 3275' KB 1.68 Degrees.. (8.50) Drilled 731' @ 86.00 FT/HR.. (0.50) Service Rig.. (3.50) Drilled 285' @ 81.43 FT/HR.. (0.50) Deviation Survey @ 4248' KB 1.21 Degrees.. (10.50) Drilled 856' @ 81.52 FT/HR..

DATE: 10/16/2007
OPERATION: Drilling Ahead F/6645' KB. Drid 1461' @ 23 Hrs.
DFS: 23 Footage Made: 1,461 Measured Depth: 6,645
MW: 8.5 VISC: 26
WOB: 20 RPM: 50
DMC: CMC: DWC: 39,974.47 CWC: 506,280.47
TIME DIST: (1.50) Drilled 128' @ 85.33 FT/HR.. (0.50) Deviation Survey @ 5237' KB 1.91 Degrees.. (16.50) Drilled 1116' @ 67.64 FT/HR.. (0.50) Deviation Survey @ 6343' KB 1.43 Degrees.. (5.00) Drilled 217' @ 43.40 FT/HR..

DATE: 10/17/2007
OPERATION: Drilling Ahead F/7755' KB. Drid 1110' @ 23.50 Hrs.
DFS: 24 Footage Made: 1,110 Measured Depth: 7,755
MW: 8.5 VISC: 26
WOB: 20 RPM: 50
DMC: CMC: DWC: 114,636.00 CWC: 620,916.47
TIME DIST: (11.50) Drilled 635' @ 55.22 FT/HR.. (0.50) Service Rig / Deviation Survey @ 7201' KB 1.70 Degrees.. (12.00) Drilled 475' @ 39.58 FT/HR..

DATE: 10/18/2007
OPERATION: Tripping For Bit Trip. Drid 662' For 18.00 Hrs.
DFS: 25 Footage Made: 662 Measured Depth: 8,417
MW: 9.1 VISC: 32
WOB: 30 RPM: 50
DMC: CMC: DWC: 36,407.00 CWC: 657,323.47
TIME DIST: (7.00) Drilled 286' @ 40.86 FT/HR.. (0.50) Service Rig.. (3.50) Drilled 195' @ 55.71 FT/HR.. (1.00) Rig Repairs. Change Out Swab On #2 Mud Pump. #1 Mud Pump can only pump a total of 300 GPM.. (7.50) Drilled 181' @ 24.13 FT/HR.. (4.50) Tooh For Bit Trip..

DATE: 10/19/2007
OPERATION: TOO H To Run Open Hole Logs.
DFS: 26 Footage Made: 629 Measured Depth: 9,046
MW: 9.3 VISC: 33
WOB: 20 RPM: 55
DMC: CMC: DWC: 33,990.00 CWC: 691,313.47
TIME DIST: (2.50) TIH W/ BHA.. (1.50) Cut & Slip Drill Line.. (4.00) TIH to 8417' KB.. (13.00) Drilled 629' @ 48.38 FT/HR.. (1.50) Circulate.. (1.50) TOO H For Open Hole Logs..

DATE: 10/20/2007
OPERATION: TOO H Laying Down DP.
DFS: 27 Footage Made: 0 Measured Depth: 9,046
MW: 9.7 VISC: 38
WOB: RPM:
DMC: CMC: DWC: 82,999.23 CWC: 774,312.70
TIME DIST: (2.00) Trip Out Of Hole For Open Hole Logs.. (9.00) Run Open Hole Logs To 9041' KB With Baker Hughes.. (1.00) Lay Down Mud Motor & Drilling Jars.. (4.50) TIH TO 9041' KB.. (1.50) Circulate Hole Clean.. (6.00) TOO H LD Drill Pipe..

DATE: 10/21/2007
OPERATION: Rigging Down Rig.
DFS: 28 Footage Made: 0 Measured Depth: 9,046
MW: VISC:
WOB: RPM:
DMC: CMC: DWC: 216,527.08 CWC: 990,839.78
TIME DIST: (2.00) LD BHA.. (0.50) Pull Wear Bushing.. (5.50) Run 5.500" To 9020.39'.. (6.00) Circulate & Wait On Halliburton. Drivers Out of DOT Hours.. (3.00) Cement With Halliburton. Lead Cement 181 Sacks. Tail Cement 1025 Sacks. Est Cement Tops Lead 1200' KB. Est Cement Tops Tail 3694' KB.. (1.00) Clean Rig Pits. Rig Released 2400 Hrs (Midnight) 10/20/2007.. (6.00) Rig Down Rig..

DATE: 10/22/2007
OPERATION: Rig Released. Moving Rig To Pattersons Yard.
DFS: 29 Footage Made: 0 Measured Depth: 9,046
MW: VISC:
WOB: RPM:
DMC: CMC: DWC: 30,200.00 CWC: 1,021,039.78
TIME DIST: (24.00) Rig Released. Moving Patterson Rig #12 To Pattersons Yard In Vernal..

DATE: 10/23/2007
OPERATION: Moving Rig To Pattersons Yard.
DFS: 30 Footage Made: 0 Measured Depth: 9,046
MW: VISC:
WOB: RPM:
DMC: CMC: DWC: 19,700.00 CWC: 1,040,739.78
TIME DIST: (24.00) Moving Patterson To Vernal Yard..

DATE: 10/23/2007
OPERATION: Moving Rig To Pattersons Yard.
DFS: 30.5 Footage Made: 0 Measured Depth: 9,046
MW: VISC:
WOB: RPM:
DMC: CMC: DWC: 19,700.00 CWC: 1,060,439.78
TIME DIST: (12.00) Move Patterson 12 To Pattersons Yard In Vernal..

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-76266
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
2. NAME OF OPERATOR: XTO ENERGY INC.			8. WELL NAME and NUMBER: BPU 3-15H
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		PHONE NUMBER: (505) 333-3100	9. API NUMBER: 4304736540
4. LOCATION OF WELL FOOTAGES AT SURFACE: 557' FNL & 1760' FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 11S 20E STATE: UTAH			10. FIELD AND POOL, OR WILDCAT: WILDCAT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/30/2007	<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: 1ST DELIVERY
	<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.
XTO Energy Inc. first delivered gas sales to Canyon Gas via XTO Little Canyon CDP on 11/30/2007. Initial Flow Rate: 1400 MCFPD.

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DEC 24 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u><i>Holly C. Perkins</i></u>	DATE <u>12/12/2007</u>

(This space for State use only)



Survey Report

Well Name: BPU 3-15H

43-047-36540
15 115 20e

Hint: Enter the date by the survey type for when this survey type started and that will control which surveys appear on the daily report.

Wellbores							
Wellbore Name	Deviation Survey	VS Dir (°)	Kick Off Depth (ftKB)	Kick Off Method	Lat/Long Datum	Latitude (DMS)	Longitude (DMS)
Original Hole	<Description?>		0.0		NAD 83	39° 51' 57.06" N	109° 40' 5.329" E

Deviation Surveys						
Date	Description					Declination (°)
10/9/2007						
MD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	TVD Tie In (ftKB)	NSTie In (ft)	EWTie In (ft)	
0.00	0.00		0.00			

Survey Data										
MD (ftKB)	Incl (°)	Azim (°)	Survey Company	Bad Data	Override Calc?	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
2,228.00	0.42		Patterson	No	No	2,227.98				
3,275.00	1.68		Patterson/Miss Run	No	No	3,274.78				
4,248.00	1.21		Patterson/Miss Run	No	No	4,247.47				
5,237.00	1.91		Patterson/Miss Run	No	No	5,236.10				
6,343.00	1.43		Patterson/Miss Run	No	No	6,341.63				
7,201.00	1.70		Patterson/Miss Run	No	No	7,199.30				

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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: UTU76266
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT
2. NAME OF OPERATOR: XTO ENERGY INC.		8. WELL NAME and NUMBER: BPU #3-15H
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		9. API NUMBER: 4304736540
4. LOCATION OF WELL FOOTAGES AT SURFACE: 557' FNL & 1760' FWL		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 11S 20E S		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/10/2008	<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: MONTHLY REPORTING
	<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.
Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008.

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CELRK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>1/14/2008</u>

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DIV. OF OIL, GAS & MINING

Farmington Well Workover Report

BIG PACK UNIT	Well # 3-15H	NO WV
Objective:	Drill & Complete	
First Report:	10/27/2007	
AFE:	715191	
10/27/07	Hauled pipe & fittings to loc. Compl tie in 280' of 4" .188W X52 steel bare gas pipeline to 3" mtr run. Compl 3-3", 2-2", 4-4" welds. SDFWE WO sched for 10/29/07.	
10/30/07	Cont rpt for AFE # 715191 to D&C. MIRU Casedhole Solutions WL. RIH w/GR/CCL/CBL logging tls. Tgd PBDT @ 8958'. Run CBL under 750 psig fr/8948' - 1500' FS. Log indic TOC @ 1728'. POH & LD logging tls. RU pmp trk. PT csg & frac vlv to 5000 psig (OK). RIH & perf stg #1 MV perfs fr/8814' - 8889' w/Titan Exp T, 22.7 gr. chrgs, 3 jspf, 120 deg phasing, .36" EHD, 35.63" pene, 51 holes. POH & RDMO WL. SWI & SDFN. Compl X-ray of 6-4" & 1-3" welds. Project Complete.	
10/31/07	MIRU Halliburton frac crew. Held safety mtg & PT all surf lines to 7500 psig, held gd. BD MV stg #1 perfs fr/8,814' - 8,822', 8,851' - 8,856', 8,886' - 8,889' w/trtd KCl wtr. BD @ 4290 psig, EIR of 5 bpm @ 3200 psig. Found comm btw the 5-1/2" x 8-5/8" csg ann. MIRU Wellhead Inc. set back press vlv in 5-1/2" hgr, tstd gd. RDMO WH Inc. SWI. SDFN.	
11/1/07	SICP 0 psig. MIRU Action Hot Oil Serv and Casedhole Solutions WL. Pressured 8-5/8" csg to 1450 psig, EIR dwn 5-1/2" csg of 1-1/4 BPM @ 3400 psig, surface csg increased to 1700 psig. Bd 5-1/2" csg and 8-5/8" SICP dropped back to 1450 psig. RDMO WL & Hot Oiler. SWI. SDFN.	
11/3/07	MIRU Halliburton & Casedhole Solutions WL. RIH & set CBP @ 8700'. POH & LD tls. RDMO WL. NU & PT 5-1/2" csg to 6,000 psig, held good. Surf csg incr'd to 220 psig. RDMO Halliburton pmp trk. MIRU Coil Tbg Services. RIH w/Weatherford mtr & 4-3/4" bit, tg & DO CBP @ 8700'. Cont RIH & tgd @ 8927'. Circ well cln & repl sc inhib. POH & RDMO CTU. SWI. SDFWE.	
11/4/07	Wellview has all the drilling details and accumulated cost.	
11/8/07	Rpt for AFE #715191 to D&C. MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 15' Rocky Mountain O tk (SN 500348) w/500K htr & 12' x 15' Rocky Mountain wtr tk (SN 500351) w/500k htr. Set 3 ph Cimarron sep/dehy combo unit w/pre htr w/500k heater & 20" X 9' sep (SN 1295) & 16" x 16' absorber tower (SN 1278) & dehy w/250k htr (SN 0706-119). Build pad & set 3" sales mtr run w/Daniels Simplex w/600 psi flgs. Run 2" sch 80 TBE bare pipe fr/WH to combo unit & fr/combo unit to prod tk. Run 2" ln fr/combo unit to sales mtr. Run 1/2" steel tbg for heat tr to tk & WH. Inst tk containment ring 44" x 52" x 10 ga & paint Carlsbad Tan. Ins & tin flw ln & tk ln. Susp rept pending further activity.	
11/9/07	Cont fr/ AFE #715191 to D&C. MIRU Halliburton frac crew. Held safety mtg & PT all surface lines to 7500 psig, held gd. Frac'd MV stg #1 perfs fr/8,814' - 8,889' dwn 5-1/2" csg w/16,576 slurry gals wtr, Delta-R 70Q foamed frac fld, 11.9# gel, 2% KCL wtr carrying 45,300 lbs Premium White 20/40 sd. Max sd conc 4 ppg. ISIP 3330 psig, 5" SICP 3085 psig. Used 822,000 mscf N2, 395 BLWTR. RU Casedhole Solutions WL. RIH & set CFP @ 8750', PT plg to 6,000 psig, gd tst. Perf stg #2 perfs w/3-1/8" csg gun loaded w/Titan Exp T 22.7 gr. chrgs, 3 jspf, 120 deg phasing, 0.36" EHD, 35.63" pene, 52 holes, fr/8,520' - 8,524', 8,552' - 8,556', 8,562' - 8,566' & 8,616' - 8,620'. POH w/WL. Frac'd MV stg #2 perfs fr/8,520' - 8,620' dwn 5-1/2" csg w/21,816 gals wtr, 70Q Delta-R foamed frac fld, 12.3# gel, 2% KCl wtr carrying 72,600# Premium White 20/40 sd. Max sd conc 4 ppg, ISIP 3,549 psig, 5" SICP 3,284 psig, used 1,116,402 mscf N2, 559 BLWTR. RIH & set CFP @ 8,490', PT plg to 6,000 psig, gd tst. Perf stg #3 w/3-1/8" csg gun loaded w/Titan Exp T 22.7 gr. chrgs, 3 jspf, 120 deg phasing, 0.36" EHD, 35.63" pene, 52 holes, perfs fr/8,296' - 8,300', 8,326' - 8,330', 8,372' - 8,376' & 8,400' - 8,404'. Frac'd MV perfs fr/8,296' - 8,404' dwn 5-1/2" csg w/41,446 gals wtr, 70Q Delta-R foamed frac fld, 13.1# gel, 2% KCl wtr carrying 198,540 lbs Premium White 20/40 sd. Max sd conc 4 ppg, ISIP 4,016 psig, 5" SICP 3,359 psig, used 2,505,885 mscf N2, 1050 BLWTR. RIH & set CFP @ 7,400'. SWI & SDFN due to HES BD. 2004 BLWTR	
11/10/07	SICP 3,300 psig. Held safety mtg. PT plg to 6,000 psig, gd tst. RIH w/3-1/8 csg gun loaded w/Titan Exp T, 22.7 gr. chrgs, .36" EHD, 35.63" pene, 45 holes, perf stage #4 fr/6,962' - 6,966', 6976' - 6980', 7010' - 7016' w/3 jspf, 120 deg phasing. Frac'd MV perfs fr/6,962' - 7,016' dwn 5-1/2" csg w/17,393 gals wtr, 70Q Delta-R foamed frac fld, 11.91# gel, 2% KCl wtr carrying 59,392# Premium White 20/40 sd. Max sd conc 4 ppg, ISIP 3,700 psig, 5" SIP 2,934 psig, 414 BLWTR. RIH & set CFP @ 6,800', PT plg to 6,000 psig, gd tst. Unable to Perf stg #5 due to perf gun stuck in sd. Surge well and free gun. POH & LD setting tl. RIH & tgd sd over lwr perfs. SWI & prep to flw sd out of csg. 2,418 BLWTR ttl.	
11/11/07	SICP 1,850 psig. Flwd well to the pit tk for 12 hrs in an att to unload sd out of csg. Recd 480 BLW. RIH & set CFP @ 6,720', PT plg to 6,000 psig, gd tst. Perf stg #5 perfs w/3-1/8" csg gun loaded w/Titan Exp T, 22.7 gr. chrgs, 0.36" EHD, 35.63" pene., fr/6,470' - 6,474', 6,495' - 6,500' & 6,535' - 6,540' w/3 jspf, 120 deg phasing, 45 holes. POH w/WL. Att to frac stg #5, unable to estab enough rate to frac, after cutting 300 gals of 7-1/2% ac in the pad & ppg 1335 lbs of 0.25 lb/gal sd. RU ball inj & pmp 200 gals 7-1/2% HCl ac, 500 gals ac w/ 65 bio BS & 100 gals of 7-1/2% acid. BD perfs & Frac'd MV stg #5 perfs fr/6,470' - 6,540' dwn 5-1/2" csg w/44,551 slurry gals wtr, Delta-R 70Q foamed frac fld, 12# gel, 2% KCL wrt carrying 72,300# Premium White 20/40 sd. Max sd conc 4 ppg. ISIP 6200 psig, 5" SIP 5306 psig. Used 1,808,197 mscf N2, 1060 BLWTR. Screened out w/7100# sd in csg. SWI for 8 hrs. 2998 BLWTR ttl.	

11/12/07 FCP 3000 psig. F. 0 BO, 745 BLW, 22hrs.; 24-18/64" ck. FCP 3000 - 700 psig. Rets of gas, wtr, tr sd. 2,253 BLWTR.

Flow	Zone:	MV/WSTC			Top Interval:	6,470	Bottom Interval:	8,889
	Event Desc:	Flow Back						
		Avg	Choke	BCLS				
	Time	Press	Size	Rec	Comments			
	8:00:00 PM	3,000	24/64	0	Open to frac tk.			
	9:00:00 PM	3,000	24/64	61	Hvy fld & gas, lt sd.			
	10:00:00 PM	3,000	24/64	52	Hvy fld & gas, lt sd.			
	11:00:00 PM	3,000	24/64	57	Hvy fld & gas, lt sd.			
	12:00:00 AM	3,000	24/64	58	Hvy fld & gas, lt sd.			
	1:00:00 AM	3,000	24/64	34	Hvy fld & gas, lt sd.			
	2:00:00 AM	2,500	24/64	43	Hvy fld & gas, lt sd.			
	3:00:00 AM	2,400	24/64	19	Hvy fld & gas, lt sd.			
	4:00:00 AM	2,300	24/64	19	Hvy fld & gas, lt sd.			
	5:00:00 AM	2,200	24/64	34	Hvy fld & gas, lt sd.			
	6:00:00 AM	2,250	24/64	34	Lt sd.			
	7:00:00 AM	1,900	24/64	28	Lt sd.			
	8:00:00 AM	1,600	24/64	59	Lt sd.			
	9:00:00 AM	1,100	24/64	39	Lt sd.			
	10:00:00 AM	950	24/64	13	Lt sd.			
	11:00:00 AM	950	24/64	21	Lt sd.			
	12:00:00 PM	950	24/64	18	Lt sd.			
	1:00:00 PM	900	24/64	34	Lt sd.			
	2:00:00 PM	900	24/64	13	Lt sd.			
	3:00:00 PM	800	24/64	13	Lt sd.			
	4:00:00 PM	750	24/64	56	Lt sd.			
	5:00:00 PM	700	24/64	22	Lt sd.			
	6:00:00 PM	700	24/64	18	Lt sd.			
				Ttl Bbls:	745			

11/13/07 FCP 650 psig. F. 0 BO, 257 BLW, 11 hrs., 24/64" ck. FCP 650 - 600 psig. Rets of gas, wtr, tr sd. 3139 BLWTR. SWI @ 05:00. RIH & set CFP @ 6,420', PT plg to 6,000 psig, gd tst. Perf stg #6 perfs w/3-1/8" csg gun loaded w/Titan Exp T 22.7 gr.chrgs, 0.36" EHD, 35.63" pene, 25 holes, fr/6,254' - 6,262', 3 JSPF, 120 phasing. POH w/WL. Frac'd WA stg #6perfs fr/6,254' - 6,262' dwn 5-1/2" csg w/6,564 slurry gals wtr, Delta-R 70Q foamed frac fld, 12.7# gel, 2% KCL wrt carrying 25,500# Premium White 20/40 sd. Max sd conc 5 ppg. ISIP 6,400 psig, 5" SIP 6,020 psig. Used 307,206 mscf N2, 156 BLWTR. Screened out w/10,400 lbs of sd in formation & 15,100 lbs in the csg. Screened out when 3 lb sd hit formation. OWU to the pit tk in an att to flow back sd. F. well for 2.5 hrs, rec 100 BLW, sd & N2, press dropd fr/5,900 to 200 psig. Loaded csg w/93 bbls 2% KCl wtr and press incr to 6,200 psig. RIH w/3-1/8" shot tbg gun, tgd sd @ 4630'. SWI, WO CTU. RU CTU. 3,288 BLWTR.

Flow	Zone:	MV/WSTC			Top Interval:	6,470	Bottom Interval:	8,889
	Event Desc:	FLOW BACK						
		Avg	Choke	BCLS				
	Time	Press	Size	Rec	Comments			
	7:00:00 PM	650	24/64	8	Tr sd.			
	8:00:00 PM	650	24/64	35	Tr sd.			
	9:00:00 PM	650	24/64	8	No sd.			
	10:00:00 PM	650	24/64	43	No sd.			
	11:00:00 PM	650	24/64	26	Lt sd.			
	12:00:00 AM	650	24/64	12	Lt sd.			
	1:00:00 AM	650	24/64	43	Lt sd.			
	2:00:00 AM	600	24/64	26	No sd.			
	3:00:00 AM	600	24/64	17	No sd.			
	4:00:00 AM	600	24/64	22	No sd.			
	5:00:00 AM	600	24/64	17	No sd.			
				Ttl Bbls:	257			

11/14/07 SICIP 0 psig. TIH w/4-1/2" junk mill, 2-7/8" mud mtr, and circ in on 1-3/4" CT. CO frac fill to 6350', circ well ctn. Well std to unld. POH w/CT & LD tls. SWI & RDMO CTU. 3,288 BLWTR.

11/15/07 MIRU Halliburton frac crew, and Casedhole Solutions WL. Frac'd WA stg #6 perfs fr/6,254' - 6,262', dwn 5-1/2" csg w/25,442 slurry gals wtr, Delta-R 70Q foamed frac fld, 20# gel, 2% KCL wrt carrying 33,752# Premium White 20/40 sd. Max sd conc 3 ppg. ISIP 3,537 psig, 5" SIP 3,431 psig. Used 1,139,000 mscf N2, 606 BLWTR. RIH & set CFP @ 5,450', PT plg to 6,000 psig, gd tst. Perf stg #7 perfs w/Titan Exp T, 3-1/8" csg gun, 22.7 gr.,chrgs 3 JSPF, 120 deg phasing, .36" hole, 35.63" pen, 52 holes, fr/5,006' - 5,010', 5,078' - 5,082', 5,114' - 5,118', 5,128' - 5,132'. POH w/WL. Frac'd CW stg #7 perfs fr/5,006' - 5,132' dwn 5-1/2" csg w/21,816 gals wtr, 70Q Delta-R foamed frac fld, 16# gel, 2% KCl wrt carrying 80,961# Premium White 20/40 sd. Max sd conc 5 ppg, ISIP 2,188 psig, 5" SIP 2,133 psig, used 535,900 mscf N2, 387 BLWTR. RIH & set CFP @ 4,940', PT plg to 6,000 psig, gd tst. Perf stg #8 w/ Titan Exp T, 3-1/8" csg gun, 22.7 gr.chrgs, 3 JSPF, 120 deg phasing, .36" hole, 35.63" pen, 39 holes, perfs fr/4,782' - 4,786', 4,792' - 4,796', 4,802' - 4,806'. Frac'd CW stg #8 perfs fr/4,782' - 4,806' dwn 5-1/2" csg w/9,030 gallons wtr, 70Q Delta-R foamed frac fld, 16# gel, 2% KCl wrt carrying 41,000# Premium White 20/40 sd. Max sd conc 5 ppg, ISIP 2394 psig, 5" 2307 psig, used 302,000 mscf N2, 4496 BLWTR. SWI, prep to F back in 8 hrs. RDMO HES & WLU.

11/16/07 FCP 3000 psig. F. 0 BO, 600 BLW, 34 hrs, FCP 3000-1700 psig, 12-18/64 ck. Rets of sd, gas, wtr. 3896 BLWTR.

Flow	Zone:	MV/WSTC			Top Interval:	4,782	Bottom Interval:	8,889
	Event Desc:	Flow Back						
			Avg	Choke	BBLs			
	Time	Press	Size	Rec	Comments			
	8:00:00 PM	3,000	12/64	0				
	9:00:00 PM	3,000	12/64	4	Lt fld, lt gas & med sd.			
	10:00:00 PM	3,000	12/64	5	Lt fld, hvy gas & med sd.			
	11:00:00 PM	3,050	12/64	4	Lt fld, lt gas & med sd.			
	12:00:00 AM	2,950	12/64	9	Med fld, med gas & lt sd.			
	1:00:00 AM	2,950	12/64	8	Med fld, med gas & lt sd.			
	2:00:00 AM	2,900	12/64	9	Med fld, med gas & lt sd.			
	3:00:00 AM	2,800	12/64	9	Med fld, med gas & lt sd.			
	4:00:00 AM	2,850	12/64	13	Med fld, med gas & lt sd.			
	5:00:00 AM	2,850	12/64	14	Med fld, med gas & lt sd.			
	6:00:00 AM	2,200	12/64	18	Lt sd.			
	7:00:00 AM	2,250	12/64	17	Lt sd.			
	8:00:00 AM	2,300	18/64	4	Slugs of fld.			
	9:00:00 AM	2,300	18/64	5	Slugs of fld.			
	10:00:00 AM	2,300	18/64	4	Gas & fld.			
	11:00:00 AM	2,200	18/64	11	Fld.			
	12:00:00 PM	2,200	18/64	26	Hvy slugs fld.			
	1:00:00 PM	2,200	18/64	38	Hvy slugs fld.			
	2:00:00 PM	2,200	18/64	14	Gas & fld.			
	3:00:00 PM	2,150	18/64	39	Hvy slugs fld.			
	4:00:00 PM	2,100	18/64	48	Hvy slugs fld.			
	5:00:00 PM	2,100	18/64	29	Hvy slugs fld.			
	6:00:00 PM	2,100	18/64	9	Gas cut fld.			
	7:00:00 PM	0	18/64	15	No sd.			
	8:00:00 PM	2,000	18/64	19	Gas cut fld.			
	9:00:00 PM	2,000	18/64	24	Slugs of fld.			
	10:00:00 PM	0	18/64	13	No sd.			
	11:00:00 PM	0	18/64	26	Slugs of fld.			
	12:00:00 AM	0	18/64	24	Slugs of fld.			
	1:00:00 AM	0	18/64	24	No sd.			
	2:00:00 AM	0	18/64	21	Slug of fld.			
	3:00:00 AM	0	18/64	35	Slug of fld.			
	4:00:00 AM	0	18/64	23	Slug of fld.			
	5:00:00 AM	1,700	18/64	19	No sd.			
	6:00:00 AM	0	18/64	20	No sd.			
			Ttl Bbls:	600				

11/17/07 FCP 1700 psig. F. 0 BO, 525 BLW, 24 hrs, FCP 1700 - 2100 psig, 18/64" ck. Rets of gas, wtr, lt sd. 3371 BLWTR.

Flow	Zone:	MV/WSTC			Top Interval: 4,782	Bottom Interval: 8,889
	Event Desc:	Flow Back				
			Avg	Choke	BBLS	
	Time		Press	Size	Rec	Comments
	6:00:00 AM		1,700	18/64	34	Hvy fld, lt sd, med gas.
	7:00:00 AM		1,700	18/64	14	Med fld, med sd, lt gas.
	8:00:00 AM		1,700	18/64	15	Med fld, med sd, lt gas.
	9:00:00 AM		1,700	18/64	25	Med fld, med sd, lt gas.
	10:00:00 AM		1,700	18/64	10	Hauled 130 bbls.
	11:00:00 AM		1,800	18/64	29	Med fld, med sd, lt gas.
	12:00:00 PM		2,100	18/64	19	Hauled 130 bbls.
	1:00:00 PM		2,100	18/64	25	Hvy fld, med gas, lt sd.
	2:00:00 PM		2,150	18/64	21	Hvy fld, med gas, lt sd.
	3:00:00 PM		2,150	18/64	26	Hvy fld, med gas, lt sd.
	4:00:00 PM		2,200	18/64	24	Hvy fld, med gas, lt sd.
	5:00:00 PM		2,200	18/64	19	Med fld, med gas, lt sd.
	6:00:00 PM		2,200	18/64	16	Fld, gas, lt sd.
	7:00:00 PM		2,200	18/64	18	Fld, gas, no sd.
	8:00:00 PM		2,200	18/64	17	Fld, gas, no sd.
	9:00:00 PM		2,200	18/64	18	No sd.
	10:00:00 PM		2,000	18/64	26	No sd.
	11:00:00 PM		2,100	18/64	26	Fld, gas, no sd.
	12:00:00 AM		2,100	18/64	13	Lt sd.
	1:00:00 AM		2,100	18/64	13	Lt sd.
	2:00:00 AM		2,100	18/64	30	Fld, gas, no sd.
	3:00:00 AM		2,100	18/64	26	No sd.
	4:00:00 AM		2,100	18/64	42	No sd.
	5:00:00 AM		2,100	18/64	9	Fld, gas.
	6:00:00 AM		2,100	18/64	10	Fld, gas.
					Ttl Bbls:	525

11/18/07 FCP 2100 psig. F. 0 BO, 528 BLW, 24 hrs, FCP 2100 - 1800 psig, 18/64" ck. Rets of gas, wtr, lt sd. 2843 BLWTR.

Flow	Zone:	MV/WSTC			Top Interval: 4,782	Bottom Interval: 8,889
	Event Desc:	Flow Back				
			Avg	Choke	BBLS	
	Time		Press	Size	Rec	Comments
	6:00:00 AM		2,100	18/64	17	Med fld, lt sd, med gas.
	7:00:00 AM		2,250	18/64	18	Med fld, med sd, hvy gas.
	8:00:00 AM		2,250	18/64	17	Med fld, lt sd, lt gas.
	9:00:00 AM		2,150	18/64	17	Med fld, lt sd, hvy gas.
	10:00:00 AM		2,000	18/64	38	Hvy fld, med gas, lt sd.
	11:00:00 AM		2,175	18/64	19	Med fld, med gas, med sd.
	12:00:00 PM		2,250	18/64	29	Hvy fld, hvy gas, lt sd.
	1:00:00 PM		2,200	18/64	19	Hvy fld, hvy gas, lt sd.
	2:00:00 PM		2,275	18/64	26	Hvy fld, hvy gas, lt sd.
	3:00:00 PM		2,225	18/64	19	Med gas, med fld, lt sd.
	4:00:00 PM		2,250	18/64	20	Med gas, med fld, lt sd.
	5:00:00 PM		2,250	18/64	13	Med fld, hvy gas, lt sd.
	6:00:00 PM		2,200	18/64	9	Med fld, med gas, lt sd.
	7:00:00 PM		2,200	18/64	17	Med fld, med gas.
	8:00:00 PM		2,200	18/64	9	Med fld, med gas, lt sd.
	9:00:00 PM		2,200	18/64	44	Hvy fld, med gas.
	10:00:00 PM		2,200	18/64	8	Med fld, med gas, lt sd.

11:00:00 PM	2,150	18/64	18	Med fld, med gas.
12:00:00 AM	2,200	18/64	26	Med fld, med gas.
1:00:00 AM	2,100	18/64	17	Med fld, med gas, lt sd.
2:00:00 AM	2,050	18/64	18	Med fld, med gas.
3:00:00 AM	1,900	18/64	23	Med fld, med gas.
4:00:00 AM	1,800	18/64	24	Med fld, med gas.
5:00:00 AM	1,800	18/64	24	Med fld, med gas, lt sd.
6:00:00 AM	1,800	18/64	39	Med fld, med gas, lt sd.
			Ttl Bbls:	528

11/19/07 FCP 1800 psig. F. 0 BO, 513 BLW, 24 hrs, FCP 1800 -1800 psig, 18/64" ck. Rets of sd, gas, wtr. 2330 BLWTR.

Flow **Zone:** MV/WSTC
Event Desc: Flow Back **Top Interval:** 4,782 **Bottom Interval:** 8,889

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLS Rec</u>	<u>Comments</u>
6:00:00 AM	1,800	18/64	17	Med fld, lt sd, med gas.
7:00:00 AM	1,800	18/64	18	Med fld, lt sd, med gas.
8:00:00 AM	1,950	18/64	17	Med fld, lt sd, lt gas.
9:00:00 AM	1,900	18/64	17	Med fld, med gas, no sd.
10:00:00 AM	1,900	18/64	38	Med fld, med gas, no sd.
11:00:00 AM	1,850	18/64	19	Med fld, med gas, lt sd.
12:00:00 PM	1,850	18/64	29	Med fld, med gas, lt sd.
1:00:00 PM	1,800	18/64	19	Med fld, med gas, no sd.
2:00:00 PM	1,800	18/64	26	Med fld, med gas, lt sd.
3:00:00 PM	1,800	18/64	19	Med fld, med gas, lt sd.
4:00:00 PM	1,800	18/64	20	Med fld, med gas, no sd.
5:00:00 PM	1,800	18/64	13	Med fld, med gas, no sd.
6:00:00 PM	1,800	18/64	39	Med fld, gas, no sd.
7:00:00 PM	1,800	18/64	19	Med fld, gas, no sd.
8:00:00 PM	1,850	18/64	14	Med fld, gas, no sd.
9:00:00 PM	1,800	18/64	20	Med fld, gas, no sd.
10:00:00 PM	1,800	18/64	14	Med fld, gas.
11:00:00 PM	1,850	18/64	38	Med fld, gas, no sd.
12:00:00 AM	0	18/64	26	Med fld, gas, no sd.
1:00:00 AM	1,850	18/64	17	Med fld, gas, no sd.
2:00:00 AM	1,800	18/64	13	More gas, no sd.
3:00:00 AM	0	18/64	13	More gas, no sd.
4:00:00 AM	0	18/64	19	More gas, no sd.
5:00:00 AM	0	18/64	14	More gas, no sd.
6:00:00 AM	0	18/64	15	More gas, no sd.
			Ttl Bbls:	513

11/20/07 FCP 1800 psig. F. 0 BO, 406 BLW, 24 hrs, FCP 1800 - 1800 psig, 18/64" ck. Rets of sd, gas, wtr, tr of sd. 1924 BLWTR.

Flow **Zone:** MV/WSTC
Event Desc: Flow Back **Top Interval:** 4,782 **Bottom Interval:** 8,889

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLS Rec</u>	<u>Comments</u>
6:00:00 AM	1,800	18/64	24	No sd.
7:00:00 AM	1,825	18/64	20	Med fld, gas.
8:00:00 AM	1,825	18/64	14	
9:00:00 AM	1,800	18/64	14	
10:00:00 AM	1,800	18/64	25	No sd.
11:00:00 AM	1,800	18/64	18	Med fld, med gas.

12:00:00 PM	1,850	18/64	19	
1:00:00 PM	1,800	18/64	15	No sd.
2:00:00 PM	1,825	18/64	14	Med fld, med gas.
3:00:00 PM	1,800	18/64	15	
4:00:00 PM	1,800	18/64	19	No sd.
5:00:00 PM	1,800	18/64	19	Med fld, med gas.
6:00:00 PM	1,800	18/64	4	Med fld, med gas, lt sd.
7:00:00 PM	1,800	18/64	10	Med fld, med gas.
8:00:00 PM	1,800	18/64	14	Med fld, med gas.
9:00:00 PM	1,800	18/64	34	Slugs of fld, med gas.
10:00:00 PM	1,800	18/64	5	Lt sd, med gas, med fld.
11:00:00 PM	1,800	18/64	9	No sd, med gas, fld.
12:00:00 AM	1,800	18/64	19	Lt sd, med gas, med fld.
1:00:00 AM	1,800	18/64	16	No sd, fld, gas.
2:00:00 AM	1,800	18/64	19	Fld, gas.
3:00:00 AM	1,800	18/64	9	Lt sd, med gas, med fld.
4:00:00 AM	1,800	18/64	24	No sd, fld, gas.
5:00:00 AM	1,800	18/64	15	Lt sd, med gas, med fld.
6:00:00 AM	1,800	18/64	12	
Ttl Bbbs:			406	

11/22/07 FCP 900 psig. F. 0 BO, 351 BLW, 24 hrs, FCP 900 - 950 psig, 18/64" ck. Rets of sd, gas, wtr. 1226 BLWTR.

<i>Flow</i>	Zone:	MV/WSTC			
	Event Desc:	Flow Back		Top Interval: 4,782	Bottom Interval: 8,889
		Avg	Choke	Bbbs	
	Time	Press	Size	Rec	Comments
	6:00:00 AM	900	18/64	34	No sd.
	7:00:00 AM	850	18/64	5	Fld & gas.
	8:00:00 AM	950	18/64	4	
	9:00:00 AM	950	18/64	10	
	10:00:00 AM	950	18/64	13	No sd.
	11:00:00 AM	950	18/64	13	Fld & gas.
	12:00:00 PM	900	18/64	13	
	1:00:00 PM	900	18/64	14	No sd.
	2:00:00 PM	900	18/64	9	Fld & gas.
	3:00:00 PM	900	18/64	17	
	4:00:00 PM	900	18/64	17	No sd.
	5:00:00 PM	900	18/64	17	Fld & gas.
	6:00:00 PM	900	18/64	13	Fld & gas.
	7:00:00 PM	900	18/64	13	No sd.
	8:00:00 PM	900	18/64	9	
	9:00:00 PM	900	18/64	8	
	10:00:00 PM	950	18/64	18	
	11:00:00 PM	950	18/64	21	Fld & gas.
	12:00:00 AM	950	18/64	22	No sd.
	1:00:00 AM	900	18/64	13	
	2:00:00 AM	900	18/64	13	
	3:00:00 AM	950	18/64	13	
	4:00:00 AM	950	18/64	12	
	5:00:00 AM	950	18/64	18	
	6:00:00 AM	950	18/64	12	
	Ttl Bbbs:			351	

11/23/07 FCP 950 psig. F. 0 BO, 284 BLW, 24 hrs, FCP 950 - 950 psig, 18/64" ck. Rets of sd, gas, wtr. 942 BLWTR.

Flow	Zone:	MV/WSTC				Top Interval: 4,782	Bottom Interval: 8,889
	Event Desc:	Flow Back	Avg	Choke	BBLS		
	Time	Press	Size	Rec	Comments		
	6:00:00 AM	950	18/64	15	Fld & gas.		
	7:00:00 AM	950	18/64	0	No sd.		
	8:00:00 AM	950	18/64	0			
	9:00:00 AM	950	18/64	25	Fld & gas.		
	10:00:00 AM	950	18/64	10			
	11:00:00 AM	950	18/64	0			
	12:00:00 PM	950	18/64	18	Fld.		
	1:00:00 PM	950	18/64	27			
	2:00:00 PM	950	18/64	4			
	3:00:00 PM	950	18/64	9	Fld & gas.		
	4:00:00 PM	950	18/64	9	No sd.		
	5:00:00 PM	950	18/64	9	Fld & gas.		
	6:00:00 PM	950	18/64	30	No sd.		
	7:00:00 PM	950	18/64	0			
	8:00:00 PM	950	18/64	25			
	9:00:00 PM	950	18/64	10	Fld & gas.		
	10:00:00 PM	950	18/64	11			
	11:00:00 PM	950	18/64	10	Fld & gas.		
	12:00:00 AM	950	18/64	15			
	1:00:00 AM	950	18/64	0			
	2:00:00 AM	950	18/64	13			
	3:00:00 AM	950	18/64	29	Fld & gas.		
	4:00:00 AM	950	18/64	0	No sd.		
	5:00:00 AM	950	18/64	5			
	6:00:00 AM	950	18/64	10			
				Ttl Bbls:	284		

11/24/07 FCP 950 psig. F. 0 BO, 309 BLW, 24 hrs, FCP 950 - 900 psig, 18/64" ck. Rets of sd, gas, wtr. 633 BLWTR.

Flow	Zone:	MV/WSTC				Top Interval: 4,782	Bottom Interval: 8,889
	Event Desc:	Flow Back	Avg	Choke	BBLS		
	Time	Press	Size	Rec	Comments		
	6:00:00 AM	950	18/64	10	Fld & gas.		
	7:00:00 AM	950	18/64	29	No sd.		
	8:00:00 AM	900	18/64	15			
	9:00:00 AM	900	18/64	14			
	10:00:00 AM	950	18/64	18	Fld & gas.		
	11:00:00 AM	950	18/64	8	No sd.		
	12:00:00 PM	900	18/64	9			
	1:00:00 PM	950	18/64	13			
	2:00:00 PM	900	18/64	10	Fld & gas.		
	3:00:00 PM	900	18/64	14			
	4:00:00 PM	900	18/64	10	No sd.		
	5:00:00 PM	900	18/64	14			
	6:00:00 PM	950	18/64	0	Fld & gas.		
	7:00:00 PM	950	18/64	5	No sd.		
	8:00:00 PM	950	18/64	26	Fld & gas.		
	9:00:00 PM	950	18/64	0			
	10:00:00 PM	900	18/64	35	Fld & gas.		
	11:00:00 PM	900	18/64	5			

12:00:00 AM	900	18/64	9	
1:00:00 AM	900	18/64	5	
2:00:00 AM	900	18/64	15	Fld & gas.
3:00:00 AM	900	18/64	15	No sd.
4:00:00 AM	900	18/64	10	
5:00:00 AM	900	18/64	10	
6:00:00 AM	900	18/64	10	
Ttl Bbls:			309	

11/25/07 FCP 900 psig. F. 0 BO, 420 BLW, 24 hrs, FCP 900 - 850 psig, 18/64" ck. Rets of sd, gas, wtr. 213 BLWTR.

Flow **Zone:** MV/WSTC
Event Desc: Flow Back **Top Interval:** 4,782 **Bottom Interval:** 8,889

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLs Rec</u>	<u>Comments</u>
6:00:00 AM	900	18/64	20	
7:00:00 AM	900	18/64	14	
8:00:00 AM	900	18/64	19	
9:00:00 AM	900	18/64	15	
10:00:00 AM	900	18/64	5	
11:00:00 AM	950	18/64	14	
12:00:00 PM	900	18/64	9	
1:00:00 PM	900	18/64	10	
2:00:00 PM	900	18/64	8	
3:00:00 PM	950	18/64	13	
4:00:00 PM	900	18/64	22	
5:00:00 PM	900	18/64	17	
6:00:00 PM	900	18/64	0	Gas.
7:00:00 PM	900	18/64	5	No sd.
8:00:00 PM	900	18/64	4	
9:00:00 PM	850	18/64	22	Fld & gas.
10:00:00 PM	850	18/64	5	
11:00:00 PM	850	18/64	67	Fld.
12:00:00 AM	900	18/64	13	
1:00:00 AM	850	18/64	27	Fld & gas.
2:00:00 AM	900	18/64	9	No sd.
3:00:00 AM	850	18/64	36	Fld.
4:00:00 AM	850	18/64	36	Fld.
5:00:00 AM	850	18/64	15	
6:00:00 AM	850	18/64	15	
Ttl Bbls:			420	

11/26/07 FCP 900 psig. F. 0 BO, 420 BLW, 24 hrs, FCP 900 - 850 psig, 18/64" ck. Rets of sd, gas, wtr. 213 BLWTR.

11/27/07 FCP 900 psig. F. 0 BO, 231 BLW, 24 hrs, FCP 900 - 1000 psig, 18/64" ck. Rets of sd, gas, wtr. 0 BLWTR. SICP 1300 psig. MIRU Temples WS rig #2 & Casedhole Solutions WL. RIH & set CBP @ 4510'. BD csg, ND frac vlv & NU BOP. TIH w/ 4-3/4" rock tooth bit, SS, BRS, 2-3/8" SN & 137 jts of 2-3/8" 4.7#, J-55, EUE, 8rd tbg. Tgd CBP & RU pwr swivel. Prep to CO plugs in the morning. SWI & SDFN.

Flow **Zone:** MV
Event Desc: FLOW BACK **Top Interval:** 4,782 **Bottom Interval:** 8,889

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLs Rec</u>	<u>Comments</u>
6:00:00 AM	900	18/64	9	
7:00:00 AM	900	18/64	14	
8:00:00 AM	900	18/64	0	
9:00:00 AM	850	18/64	0	

10:00:00 AM	900	18/64	22
11:00:00 AM	900	18/64	26
12:00:00 PM	900	18/64	13
1:00:00 PM	900	18/64	8
2:00:00 PM	900	18/64	13
3:00:00 PM	1,000	18/64	9
4:00:00 PM	1,000	18/64	9
5:00:00 PM	1,000	18/64	9
6:00:00 PM	1,000	18/64	0
7:00:00 PM	1,000	18/64	5
8:00:00 PM	1,000	18/64	10
9:00:00 PM	1,000	18/64	15
10:00:00 PM	1,000	18/64	10
11:00:00 PM	1,000	18/64	5
12:00:00 AM	1,000	18/64	10
1:00:00 AM	1,000	18/64	5
2:00:00 AM	1,000	18/64	16
3:00:00 AM	1,000	18/64	4
4:00:00 AM	1,000	18/64	9
5:00:00 AM	1,000	18/64	5
6:00:00 AM	1,000	18/64	5

Ttl Bbls: 231

11/28/07 SITP 0 psig, SICP 0 psig. Estb circ, DO CBP @ 4,510' & CFP's @ 4,940', 5,450', 6,420', 6,800', 7,400', 8,490', & 8,750'. Cont to TIH. Tgd fill @ 8,920'. CO to 8,955'. Circ well cln. LD 15 jts tbg. Ld 258 jts, 4.7#, J-55, 8rd, EUE tbg on hgr w/EOT @ 8,510', SN @ 8,508'. CW perfs fr/4,782' - 5,132'. UB perfs fr/6,254' - 6,262'. MV perfs fr/6,470' - 8,889'. PBD @ 8,958'. RIH w/1.901" tbg broach to 8,510', POH LD tls. ND BOP, drop ball & NU WH. SICP 1000 psig. SWI & SDFN. Ttl wtr pmpd today 280 bbls, Ttl wtr rec today 320 bbls. 0 BLWTR.

<i>Tubing</i>	Location:	Lower					
	ZONE 1	Desc: MV/WSTC	Top Perf: 4,782	Btm Perf: 8,889	OH:	No	
	Qty	Type	Description	Cond	Top Depth	Btm Depth	Length
	258	Tubing	2-3/8", 4.7#, J-55, EUE, 8rd Tubing	New	18	8,508	8,489.95'
	1	Tubing	2-3/8" SN	New	8,508	8,509	1.10'
	1	manual	2-3/8" Weatherford BRS	New	8,509	8,510	0.95'
						Total	8,492.00'
						Landed @	8,492.00'

11/29/07 SITP 0 psig, SICP 1,700 psig. Drop ball, ppd 40 bbls of trtd 2% KCl wtr dwn tbg, unable to see bit rls. RU swb tls, BFL 1,700' FS. S. 0 BO, 59 BLW, 7 runs, 7 hrs, FFL 3,000' FS. Well KO flwg. FTP 380 psig, SICP 1,600 psig. Fld smpls showed cln wtr. RD swb tls, NU well to Breco tst sep. OWU to the pit tk on a 24/64" ck. Turn well over to production. RDMO rig and equip. Ttl wtr ppd 40 bbls, ttl wtr rec 59 bbls, 0 BWLTR.

11/30/07 FTP 200 psig, SICP 1750 psig. F. 0 BO, 236 BLW, 24 hrs, FTP 200 - 1300 psig, SICP 1750 - 1550 psig, 24/64" ck. Rets of gas, wtr, lt sd. 0 BLWTR.

<i>Flow</i>	Zone:	MV/WSTC				
	Event Desc:	Flow Back	Top Interval:	4,782	Bottom Interval:	8,889
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	6:00:00 AM	1,750	24/64	0	Tbg 200 psig.	
	7:00:00 AM	1,750	24/64	0	Tbg 200 psig.	
	8:00:00 AM	1,750	24/64	4	Tbg 200 psig.	
	9:00:00 AM	1,750	24/64	15	Tbg 200 psig.	
	10:00:00 AM	1,750	24/64	34	Tbg 700 psig.	
	11:00:00 AM	1,750	24/64	4	Tbg 1,700 psig.	
	12:00:00 PM	0	24/64	0	Tbg 0 psig. SWI for roustabouts.	

1:00:00 PM	0	24/64	0	Tbg 0 psig. SWI for roustabouts.
2:00:00 PM	1,700	20/64	26	Tbg 1,450 psig.
3:00:00 PM	1,700	20/64	30	Tbg 1,400 psig.
4:00:00 PM	1,700	20/64	13	Tbg 1,400 psig.
5:00:00 PM	1,700	20/64	9	Tbg 1,450 psig.
6:00:00 PM	1,700	20/64	8	Tbg 1,450 psig.
7:00:00 PM	1,700	20/64	4	Tbg 1,450 psig.
8:00:00 PM	1,700	20/64	9	Tbg 1,400 psig.
9:00:00 PM	1,650	20/64	8	Tbg 1,350 psig.
10:00:00 PM	1,650	20/64	9	Tbg 1,350 psig.
11:00:00 PM	1,600	20/64	4	Tbg 1,350 psig.
12:00:00 AM	1,600	20/64	5	Tbg 1,350 psig.
1:00:00 AM	1,600	20/64	8	Tbg 1,350 psig.
2:00:00 AM	1,600	20/64	13	Tbg 1,350 psig.
3:00:00 AM	1,550	20/64	5	Tbg 1,300 psig.
4:00:00 AM	1,550	20/64	9	Tbg 1,300 psig.
5:00:00 AM	1,550	20/64	14	Tbg 1,300 psig.
6:00:00 AM	1,550	20/64	5	Tbg 1,300 psig.

Ttl Bbls: 236

12/1/07 Cont rpt for AFE #715191 to D&C. FTP 1,310 psig, SICP 1,580 psig. OWU @ 1:30 p.m., 11-30-07. Delv first gas sales to Canyon Gas via XTO Little Canyon CDP. IFR 1,400 MCFPD.

12/2/07 F. 0 , 173 , 460 MCF, FTP 1205 psig, SICP 1580 psig, 16/64, LP 126 psig, SP 0 psig, DP 0 psig, 11 hrs.

12/3/07 F. 0 , 241 , 1234 MCF, FTP 1015 psig, SICP 1585 psig, 16/64, LP 112 psig, SP 0 psig, DP 0 psig, 24 hrs.

12/4/07 F. 0 , 214 , 1261 MCF, FTP 1000 psig, SICP 1550 psig, 17/64, LP 168 psig, SP 0 psig, DP 0 psig, 24 hrs. FR for AFE #715191 to D&C.

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: UTU76266	
		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: BIG PACK UNIT	
		8. WELL NAME and NUMBER: BPU 3-15H	
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		9. API NUMBER: 4304736540	
2. NAME OF OPERATOR: XTO ENERGY INC.		10. FIELD AND POOL, OR WLDCAT: WASATCH-MESAVERDE	
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		PHONE NUMBER: (505) 333-3100	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 557' FNL & 1760' FWL		COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 11S 20E S		STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/31/2008	<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: MONTHLY DRILLING REPORT
	<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.
Attached is XTO Energy's monthly report for the period of 01/01/2008 to 01/31/2008.

NAME (PLEASE PRINT) DOLENA JOHNSON	TITLE OFFICE CLERK
SIGNATURE <i>Dolena Johnson</i>	DATE 2/5/2008

(This space for State use only)

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Farmington Well Workover Report

BIG PACK UNIT	Well # 003-15H	MV/WSTC
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Objective: Drill & Complete

First Report: 10/27/2007

AFE: 715191

1/28/08 MIRU Larose Construction. Fence rmvd 12/20/08. Pit reclaimed 1/17/08. RDMO Larose Construction. Rpt suspd pending futher activity.

RECORD CLEAN UP

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____
b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR: XTO Energy Inc. 7. UNIT or CA AGREEMENT NAME: BIG PACK UNIT

3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410 PHONE NUMBER: (505) 333-3100 9. API NUMBER: 4304736540

4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 557' FNL & 1760' FWL 10. FIELD AND POOL, OR WLD/CAT: NATURAL BUTTES
AT TOP PRODUCING INTERVAL REPORTED BELOW: 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 11S 20E
AT TOTAL DEPTH: 12. COUNTY: UINTAH 13. STATE: UTAH

14. DATE SPURRED: 9/23/2007 15. DATE T.D. REACHED: 10/19/2007 16. DATE COMPLETED: 12/1/2007 ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL): 5255' GL

18. TOTAL DEPTH: MD 9,046 TVD 19. PLUG BACK T.D.: MD 8,975 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

GRICLUCBL, BOREHOLE PROFILE, GR/DLL
COMP-2 / COMP NEUT / GR

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	9 5/8 J55	36#	0	2,171		H-F 550	0	SURF	0
7 7/8"	5 1/2 S80	17#	0	9,020		V 1,206	0	SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,510							

26. PRODUCING INTERVALS 27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WSTCH	4,782	8,889			4,782 8,889	0.36	361	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
WSTCH	Acidized w/200 gals 7.5% HCl acid w/65 Bio BS and 100 gals 7.5% HCl acid. Frac'd w/195,604 slurry gals water, Delta R 70Q foamed frac fluid, 12# gel, 2% KCl water carrying 588,345#
	Premium White 20/40 sand.

29. ENCLOSED ATTACHMENTS: 30. WELL STATUS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

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31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/1/2007		TEST DATE: 12/3/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 1,234	WATER - BBL: 1,015	PROD. METHOD: F
CHOKE SIZE: 16/64	TBG. PRESS. 1,015	CSG. PRESS. 1,585	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,234	WATER - BBL: 1,015	INTERVAL STATUS: P	

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

33. 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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				WASATCH TONGUE	3.201
				UTELAND LIMESTONE	3.537
				WASATCH	3.679
				CHAPITA WELLS	4.602
				UTELAND BUTTE	5.700
				MESAVERDE	6,375

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) HOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH
 SIGNATURE Holly C. Perkins DATE 2/7/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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

Phone: 801-538-5340
 Fax: 801-359-3940

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-76266

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

7. UNIT or CA AGREEMENT NAME
BIG PACK UNIT

8. WELL NAME and NUMBER:
BPU 3-15H

2. NAME OF OPERATOR:
XTO Energy Inc.

9. API NUMBER:
4304736540

3. ADDRESS OF OPERATOR:
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:
(505) 333-3100

10. FIELD AND POOL, OR WLDCAT
NAT BUTTES/WSTCH/MVRD

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 557' FNL & 1760' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENW 15 11S 20E

12. COUNTY
UINTAH

13. STATE
UTAH

14. DATE SPURRED:
9/23/2007

15. DATE T.D. REACHED:
10/19/2007

16. DATE COMPLETED:
12/1/2007

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5255' GL

18. TOTAL DEPTH: MD 9,046
TVD

19. PLUG BACK T.D.: MD 8,975
TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
GR/CCL/CBL

23.
WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	9 5/8" J55	36#	0	2,171		H-F 550	0	SURF	0
7 7/8"	5 1/2" S80	17#	0	9,020		V 1,206	0	SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,510							

26. PRODUCING INTERVALS

27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WSTCH/MVRD	4,782	8,889			4,782 8,889	0.36	361	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
WSTCHMVRD	Acidized w/200 gals 7.5% HCl acid w/65 Bio BS and 100 gals 7.5% HCl acid. Frac'd w/195,604 slurry gals water, Delta R 70Q foamed frac fluid, 12# gel, 2% KCl water carrying 588,345#
	Premium White 20/40 sand.

29. ENCLOSED ATTACHMENTS:

30. WELL STATUS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

RECEIVED

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/1/2007		TEST DATE: 12/3/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,234	WATER - BBL: 1,015	PROD. METHOD: F
CHOKE SIZE: 16/64	TBG. PRESS. 1,015	CSG. PRESS. 1,585	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,234	WATER - BBL: 1,015	INTERVAL STATUS: P

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

33. 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.

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				WASATCH	3.679
				CHAPITA WELLS	4.602
				UTELAND BUTTE	5.700
				MESAVERDE	6.375

35. ADDITIONAL REMARKS (Include plugging procedure)

** AMENDED RPT TO REFLECT WSTCH/MVRD (previous submittal only stated WSTCH)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) HOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH
 SIGNATURE *Holly C. Perkins* DATE 3/11/2008

This report must be submitted within 30 days of

- completing or plugging a new well
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- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
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 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

4304736540



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/ut/st/en.html>



IN REPLY REFER TO
3180
UT-922

March 23, 2009

Mick Dow
XTO Energy, Inc.
810 Houston Street
Fort Worth, TX 76102-6298

Re: Initial Wasatch Mesaverde Formation
Participating Area "A"
Big Pack Unit
Uintah County, Utah

Dear Mr. Dow:

The Initial Wasatch Mesaverde Formation Participating Area "A", Big Pack Unit, UTU82244A, is hereby approved effective as of November 1, 2007, pursuant to Section 11 of the Big Pack Unit Agreement, Uintah County, Utah.

The Initial Wasatch Mesaverde Formation Participating Area "A" results in an Initial Participating Area of 160.00 acres and is based upon the completion of Well No. 3-15H, API No. 43-047-36540, in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 15, Township 11 South, Range 20 East, SLM&B, Federal Unit Tract No. 4, Lease No. UTU76266, as being a well capable of producing unitized substances in paying quantities.

16424

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Wasatch Mesaverde Formation Participating Area "A", Big Pack Unit, and the effective date.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond
Chief, Branch of Fluid Minerals

RECEIVED

MAR 31 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: BIG PACK
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BIG PACK U 3-15H
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047365400000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0557 FNL 1760 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 11.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/1/2010	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: PWOP

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

XTO Energy Inc. intends to acidize & put this well on a pump per the attached procedure.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 10, 2009

By: *Don K. Quist*

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 12/9/2009	

BPU 3-15H
Sec 15, T 11S, R 20 E
Uintah County, Utah
API- 43-047-36540
XTO # 165245

AFE # 907192

Acidize and put well on pump

Surf csg: 9-5/8", 36#, J-55, ST&C csg @ 2189' Cmt to surface
Prod csg: 5-1/2", 17#, Seah-80, LT&C csg @ 9020'
Tbg: 2-3/8" J-55 EUE tubing w/ SN and top of BRS @ 8510'
Perfs: **WA:** 4782'-86', 4792'-96', 4802'-06', 5006'-10', 5078'-82', 5114'-18',
5128'-32'
MV: 6254'-62', 6470'-74', 6495'-6500', 6535'-40', 6962'-66', 6976'-80',
7010'-16', 8296'-8300', 8326'-30', 8372'-76', 8400'-04', 8520'-24',
8552'-56', 8562'-66', 8616'-20', 8814'-22', 8851'-56', 8886'-89'

PWOP Procedure

- 1) MI and set a Lufkin RM 456-365-144 pumping unit (min ECB 19,000#) with a C-106 engine. Install 9" sheave on engine to run 650 RPM at 4 SPM. Set CB weights as follows:

Description	Weight	Position
Left Lag	ORO + 1-OS	9" from end of crank
Left Lead	ORO + 1-OS	9" from end of crank
Right Lag	ORO + 1-OS	9" from end of crank
Right Lead	ORO + 1-OS	9" from end of crank

- 2) MIRU PU. Blow down casing and kill well w/ 2% KCl. ND WH, NU BOP. Unseat tubing hanger. Lower tubing to tag, then tally out of hole. Monitor tubing for indications of scale corrosion, or crimping. If scale heavy scale is found on tubing, make clean out run with 4 3/4" bit.
- 3) If minor indications of scale are found on tubing, PU 4 3/4"x 4' short wash joint and TIH. Wash down to BRS and attempt to "drill down" to ± 9000'. POH w/ wash joint. If "drill down" is not successful, consider overshot run to recover BRS, then drill out to 9000'. Circulate hole clean.

- 4) TIH w/ "TS" bridge plug, "HD" packer, and 2 3/8" tubing. Treat individual zones per below table. Note that perfs 4782'-4806', and 5006'-5132' are to have a 30 BBL scale pill and 50 BW spacer ahead of the acid. After stages are treated, release tools and POH.

Packer Depth Ft	Plug Depth Ft	Perforations Ft	Scale Pill BBL	Spacer BBL	Acid Gal	Flush BBL
4750	4840	4782'-4806'	30	50	268	21
4975	5170	5006'-5132'	30	50	357	22
6220	6300	6254'-6262'			179	27
6450	6580	6470'-6540'			312	28
6930	7050	6962'-7016'			312	30
8260	8450	8296'-8404'			357	35
8490	8650	8520'-8620'			357	36
8780	8920	8814'-8889'			357	37
Total			60	100	2500	236

Note: 2500 gal 15% HCL to contain: 5 g/1000 MA-844, 20 g/1000 EGBME mutual solvent, FE 200 & FE 100 iron sequesterant, and CI 350 corrosion inhibitor for 48 hrs protection at 180 °F. 60 BBL Chemical pill to contain 220 gal Nalco EC 6652A Scale inhibitor, 5 gal Nalco EC 6106 Biocide & 5g/1000 MA-844 in fresh water w/ KCL substitute. Spacer to be water w/ KCL substitute. POH, lay down 2 3/8" J-55 tubing.

- 5) RIH with production string as follows:

- 2 3/8" x 5 1/2" TEC tubing anchor
- 2 3/8" x 6' EUE tubing sub
- 2 3/8" x 4' EUE perforated tubing sub
- 2 3/8" x 1.78" S/N
- 2 3/8" 4.7# EUE L-80 tubing to surface

Land tubing in tension with TAC at ±8950'. ND BOP, NU wellhead.

- 6) Swab tubing until returns are clean and able to be pumped. RIH w/ pump and rod string as follows:

- 2"x 1 1/2"x 20' RXBC, w/ 8' dip tube

- 3/4" x 4' rod sub
 - 3/4" – 21,000 lb HF shear tool
 - 10- 1 1/4" API K Sinker Rods
 - 30 - 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
 - 172 - 3/4" Norris 96 Rods w/ "T" couplings
 - 146 – 7/8" Norris 96 Rods w/ slim hole couplings
 - 7/8"- Norris 96 rod pony rods as necessary to space out
 - 1 1/4" x 22' Polish rod w/ 1 1/2" liner
- 7) Space out pump as required with pony rods. Load tubing and long stroke with rig to ensure pump action. RDMO PU.
- 8) Start well pumping at 4 SPM and 144" SL. Run dyno and shoot fluid level \pm 1 week after unit has started.
- 9) Report pre and post start up data to Tom Boyce

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: BIG PACK
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BIG PACK U 3-15H
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047365400000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0557 FNL 1760 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 11.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/3/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

XTO Energy Inc. has performed an acid treatment on this well per the attached summary report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 11, 2010

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 1/8/2010	

EXECUTIVE SUMMARY REPORT

11/7/2009 - 1/8/2010
Report run on 1/8/2010 at 11:38 AM

Big Pack Unit 03-15H

Section 15-11S-20E, Uintah, Utah, Roosevelt

- 11/30/2009 MIRU Frac Tech. Load tubing w/ 34 BBL 2% KCL water, verify tubing is open. Pump down tubing 500 gal 15% HCL, displace with w/ 21 BBL 2%. SD and let acid soak for 1 hr. Displace w/ additional 12 BW to clear tubing. SI tubing. Pump down annulus 25 gal Frac Tech IPA 2000, followed by 3 BW spacer Pump down annulus 30 BBL Chemical pill containing: 110 gal Nalco DVE 40 005 Scale inhibitor, 5 gal Nalco Nalco EC 6106 Biocide. Pump down annulus 20 BBL 2% KCL spacer. Pump down annulus 1000 gal 15% HCL w/ FE 200, FE 100L, CI 300 HT, EGBME mutual solvent, and NE 100 non emulsifier. Pump down annulus 134 BBL 2% KCL flush, SD let acid soak 1 hr. Pump down annulus 25 BBL 2% KCL flush, let soak overnight.
- 12/1/2009 ===== Big Pack Unit 03-15H =====
Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,509'. BFL 3,100' S. 0 BO, 36 BW, 6 run, 13 hrs. FFL 6,500' FS. SDFN Tech Swabbing SWU.
- 12/2/2009 ===== Big Pack Unit 03-15H =====
Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,509'. BFL 4,900' FS S. 0 BO, 28.38 BW, 8 run, 9 hrs. FFL 8,000' FS. SDFN Tech Swabbing SWU.
- 12/3/2009 ===== Big Pack Unit 03-15H =====
Tech Swabbing SWU. Bd Tbg. PU & RIH w/swb tls. SN @ 8,509'. BFL 8,000' FS S. 0 BO, 5.01 BW, 3 run, 9 hrs. FFL 8,000' FS. SDFN Tech Swabbing SWU. Unable to get past 8,000' due to scale. Report suspended as per engineer.

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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0557 FNL 1760 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 11.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/5/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: PWOP

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 XTO Energy Inc. has acidized this well & put it on a pump per the attached summary report.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 10, 2010

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 2/9/2010	

EXECUTIVE SUMMARY REPORT

12/18/2009 - 2/9/2010
Report run on 2/9/2010 at 2:43 PM

Big Pack Unit 03-15H

Section 15-11S-20E, Uintah, Utah, Roosevelt

1/7/2010 First report for PWOP. WA/MV perms 4,786' - 8,889'. PBSD 8,975'. MIRU Temples WS rig #2. Bd well. ND WH. NU BOP. TOH & LD 2-3/8" donut tbgr, 258 jts 2-3/8", 4.7#, J-55, EUE 8rd, tbgr, 2-3/8" SN & top half of BRS sub (Had up to 1/4" of ac soluble sc fr/5,000' - 5,200' & 7,300' - 8,400'). PU & TIH w/4-3/4" mill shoe, xo sub, BS & 70 jts 2-3/8", 4.7#, L-80, EUE 8rd, tbgr. EOT 2,310'. SWI. SDFN. Used 190 bbls 2% kcl wtr to cntl well today.

1/8/2010 Bd well. Contd PU & TIH w/mill shoe BHA & 189 jts 2-3/8" tbgr (259 ttl jts to tg). Tgd @ 8,523'. TOH w/20 jts 2-3/8" tbgr. EOT 7,877'. SWI. SDFWE. Used 240 bbls 2% KCl wtr to cntl well today.

1/11/2010 Bd well and contrl tbgr w/30 bbls of trtd 2% KCL wtr. TIH w/21 jts of tbgr. Tgd @ 8,523'. RU pwr swivel, and brk circ w/AFU. CO sc w/shoe fr/8,523' to 8,620', 8,850' to 8,955', and 8,975' to 9,000'. Circ well cln for 2 hrs. Att to work shoe over BRS with no success. TOH w/143 jts of tbgr. EOT @ 4,300'. Left well opn to the pit tk on a 32/64 ck overnight. Prep to cont to TOH w/CO assy, & TIH w/isolation tls in the A.M.

1/12/2010 Contrl tbgr w/20 bbls of trtd 2% KCL wtr. Cont'd to TOH, LD shoe assy. TIH w/5-1/2" RBP, 5-1/2" PKR & 2-3/8" tbgr. MIRU Frac-Tech. PT surf equip to 4,000 psig. Proceed w/8 stage ac trtmnt as follows: Stage #1. Isol MV perms fr/8,814' - 8,889'. Trtd perms w/357 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/37 bbls 2% KCL wtr. Max trtg press 2,900 psig @ 1.5 BPM. ISIP 2,500 psig, 5" SIP 1,400 psig. Stage #2. Move tls & Isol MV perms fr/8,520' - 8,620'. Trtd perms w/357 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/36 bbls 2% KCl wtr. Max trtg press 2,980 psig @ 2.5 BPM. ISIP 2,300 psig, 5" SIP 900 psig. Stage #3. Move tls. Isol MV perms fr/8,296' - 8,404'. Trtd perms w/357 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/35 bbls 2% KCL wtr. Max trtg press 2,980 psig @ 3.5 BPM. ISIP 0 psig, 5" SIP 0 psig. Stage #4. Move tls. Isol MV perms fr/6,962' - 7,016'. Trtd perms w/312 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/30 bbls 2% KCL wtr. Max trtg press 2,900 psig @ 4.5 BPM. ISIP 1,450 psig, 5" SIP 0 psig. Rls PKR and left hanging @ 6,917', RBP @ 7,050. SWI & SDFN. Prep to cont ac trtmnt in the A.M.

Big Pack Unit 03-15H

EXECUTIVE SUMMARY REPORT

12/18/2009 - 2/9/2010
Report run on 2/9/2010 at 2:43 PM

- 1/13/2010 Opn csg to the pit tk. Isol stg #5 w/5-1/2" RBP, 5-1/2" PKR & 2-3/8" tbg. MIRU Frac-Tech. PT surf equip to 4,000 psig. Cont w/8 stage ac trtmnt as follows: Stage #5. Isol MV perfs fr/6,470' - 6,540'. Trtd perfs w/312 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/28 bbls 2% KCL wtr. Max trtg press 3,160 psig @ 1 BPM. ISIP 2,500 psig, 5" SIP 46 psig. Stage #6. Move tls & Isol WA perfs fr/6,254' - 6,262'. Trtd perfs w/179 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/27 bbls 2% KCl wtr. Max trtg press 2,800 psig @ 3.5 BPM. ISIP 1,600 psig, 5" SIP 0 psig. Stage #7. Move tls. Isol WA perfs fr/5,006' - 5,132'. Trtd perfs w/30 bbl 2% KCl wtr chem pill containing sc inhibitor & biocide, 50 bbl 2% KCL spacer, 357 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/22 bbls 2% KCl wtr. Max trtg press 1,420 psig @ 6 BPM. ISIP 0 psig. Stage #8. Move tls. Isol WA perfs fr/4,782' - 4,806'. Trtd perfs w/30 bbl 2% KCL wtr chem pill containing sc inhibitor & biocide, 50 bbl 2% KCL spacer, 268 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/21 bbls 2% KCl wtr. Max trtg press 1,400 psig @ 6.2 BPM. ISIP 0 psig. TOH, LD PKR & RBP. TIH w/5-1/2" TAC, 6' x 2-3/8" tbg sub, 4' x 2-3/8" perf'd tbg sub, SN, and 271 jts of 2-3/8", 4.7#, L-80, 8rd tbg. EOT @ 8,931'. Left well opn to the pit tk on a 32/64 ck overnight & SDFN. Prep to Ld tbg on hgr, and swb well in the A.M.
- 1/14/2010 ===== Big Pack Unit 03-15H =====
Bd well and contrl tbg w/30 bbls of trdt 2% KCL wtr. RU swb tls. RIH w/ XTO's 1.90" tbg broach to SN @ 8,927' (no ti spts). POH & LD broach. ND BOP. Set TAC @ 8,938'. Ld tbg in 15K ten w/donut tbg hgr. SN @ 8,927', EOT @ 8,942', & PBD @ 9,000'. WA/MV perfs fr/4,786' - 8,889'. NU WH. RU swab tls. BFL @ 4,200' FS. 0 BO, 69 BLW, 18 runs, 2 hrs, FFL @ 4,800' FS, SICP 600 psig. RD swb tls. SWI & SDFN. Prep to cont to swb in the A.M.
- 1/15/2010 ===== Big Pack Unit 03-15H =====
RU & RIH w/swb tls. BFL @ 4,500' FS. S. 0 BO, 84 BLW, 21 runs, 9 hrs, FFL @ 5,600' FS. FTP 0 psig, SICP 740 psig. Fld smpls showed drk wtr w/lt sed. RD swb tls & SWIFPBU. SDFWE.
- 1/18/2010 ===== Big Pack Unit 03-15H =====
RU swb tls & RIH, tgd FL @ 4,800', POH & RD swb tls. PU & loaded 2" x 1-1/2" x 20' RXBC pmp (XTO #246) w/1-1/4" x 8' GAC w/btm 1' perf. PU & TIH w/pmp BHA, shear tl pinned to 21K, 4' x 3/4" rod sub, ST, 10 - 1-1/4" sbs, 30 3/4" Norris 96 skr d w/T cplgs & 5 molded guides pr rod, 172 3/4" Norris 96 skr d w/T cplgs, 143 7/8" Norris 96 skr d w/T cplgs, 2 - 7/8" rod subs (8', & 2') & 26' x 1-1/2" PR. Seated pmp. PT tbg to 1,500 psig w/15 bbls trtd 2% KCL wtr & 30 gals diesel for 10". Tstd ok. Rlsd press. LS pmp w/rig to 500 psig. Gd PA. Rlsd press. SWO & clamped off rods for PU installation. SWI & RDMO TWS rig #2. Unable to RWTP. Rpts suspnd, turn well over to facilities.
- 2/5/2010 ===== Big Pack Unit 03-15H =====
The Big Pack Unit 3-15H PWOP. Stroke Length 144. 3.5 SPM. This well is on Route #209. XTO allocation Meter # RS 0720 RF. RTU Group 10. Address 187. Waynes Check CDP Meter #RS1264CT. RWTP @ 12:00 p.m., 2/5/10.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: BIG PACK
2. NAME OF OPERATOR: XTO ENERGY INC		8. WELL NAME and NUMBER: BIG PACK U 3-15H
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		9. API NUMBER: 43047365400000
PHONE NUMBER: 303 397-3727 Ext		9. FIELD and POOL or WILDCAT: HILL CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0557 FNL 1760 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 11.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/12/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

XTO Energy Inc. performed an acid treatment on this well per the following: 2/5/2015: MIRU SLU. RIH w/fish tls. Tgd @ SN. POH. Rec pacemaker sleeve & ball. RIH w/fish tls. Tgd @ SN. Could not latch BHBS. POH. Left plngr out will pump ac job 2/10/15. RWTP on timer 2/5/15. 2/10/2015: MIRU acid pmp trk. NU hd lines to csg vlv. Tstd hd lines to 700 psig. Tstd gd. Pmpd 800 gal 15% HCL acid dwn csg. Pmpd 40 bbls TFW flush dwn csg. SITP 420 psig. SICP 0 psig. SWIFPB. 2/12/2015: Swab. Dropd pacemaker plng w/ball. SWI 40". Cycld plngr to surf & RWTP 2/12/15.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 20, 2015**

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/19/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: BIG PACK
2. NAME OF OPERATOR: XTO ENERGY INC		8. WELL NAME and NUMBER: BIG PACK U 3-15H
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155		9. API NUMBER: 43047365400000
PHONE NUMBER: 303 397-3727 Ext		9. FIELD and POOL or WILDCAT: HILL CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0557 FNL 1760 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 11.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/19/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. performed an acid treatment on this well per the following: 6/17/2015: MIRU acid pmp trk. NU hd lines to csg vlv. Tstd hd lines to 1000 psig. Tstd gd. Pmpd 750 gal 15% HCL acid dwn csg. Pmpd 40 bbls TFW flush & 5 gal H2S scavenger dwn csg. SWIFPBU. RDMO pmp trk. 6/19/2015: MIRU SWU. TIH w/ swb tls. Swab 2 runs in 1-1/2 hrs. Well KO and Flwg. Drop Plgr. Plgr cycled in 8 min. RWTP 6/19/15.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 17, 2015**

NAME (PLEASE PRINT) Tiffani Spinelli-Genovese	PHONE NUMBER 303 397-3677	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/16/2015	