

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 ANR Production Company

3. ADDRESS OF OPERATOR
 P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1945' FSL & 1533' FEL (NW/SE)
 At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 21.5 miles northwest of Duchesne, Utah.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1533'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640 (2 wells/section)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ± 2300'

19. PROPOSED DEPTH 14,650'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7342' GR

22. APPROX. DATE WORK WILL START* February, 1993

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-4624

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute Indian Tribe

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 Ute

9. WELL NO.
 2-28B6

10. FIELD AND POOL, OR WILDCAT
 Altamont *COAL RIM*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 28, T2S-R6W, USB&M

12. COUNTY OR PARISH Duchesne

13. STATE Utah

23. PROPOSED CASING AND CEMENTING PROGRAM Cmt Vol = 1.5 Annular Vol

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT **
17-1/2"	13-3/8" K-55	ST&C 54.5#	0-200'	208 CF Class "G"
12-1/4"	9-5/8" S-95	BT&C 40.0#	0-7000'	3288 CF Class "G"
8-3/4"	7" S-95	LT&C 26.0#	6800-10700'	883 CF 50/50 Poz Mix
8-3/4"	5-1/2" S-95	LT&C 23.0#	10700-14650'	1497 CF Class "G"

** Cement volumes may change due to hole size. Calculate from Caliper Log.

Operator proposes to test the Wasatch formation in a prudent manner consistent with State and Federal regulations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company, Nationwide Bond #U768806, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

RECEIVED
 JAN 10 1994

DIVISION OF
 OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true depths. If blowout preventer program, if any.

24. SIGNED *Joseph J. Adamski* TITLE Environ. & Regulatory Analyst DATE 1/14/94

(This space for Federal or State office use)
 PERMIT NO. 13-013-31434 APPROVAL DATE 2-11-94
 APPROVED BY *[Signature]* TITLE DATE: 2-11-94
 CONDITIONS OF APPROVAL, IF ANY: BY: *[Signature]*
 WELL SPACING: 139-42

*See Instructions On Reverse Side

T2S, R6W, U.S.B.&M.

ANR PRODUCTION CO.

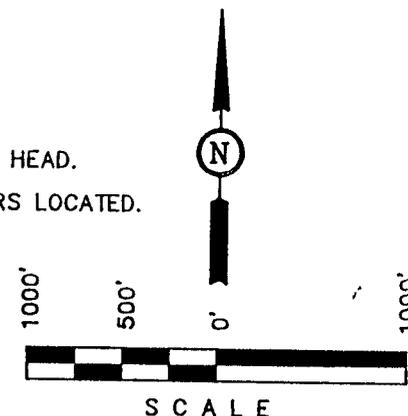
Well location, UTE #2-28B6, located as shown in the NW 1/4 SE 1/4 of Section 28, T2S, R6W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 29, T2S, R6W, U.S.B.&M. TAKEN FROM THE BLACKTAIL MTN. QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7613 FEET.

LEGEND:

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

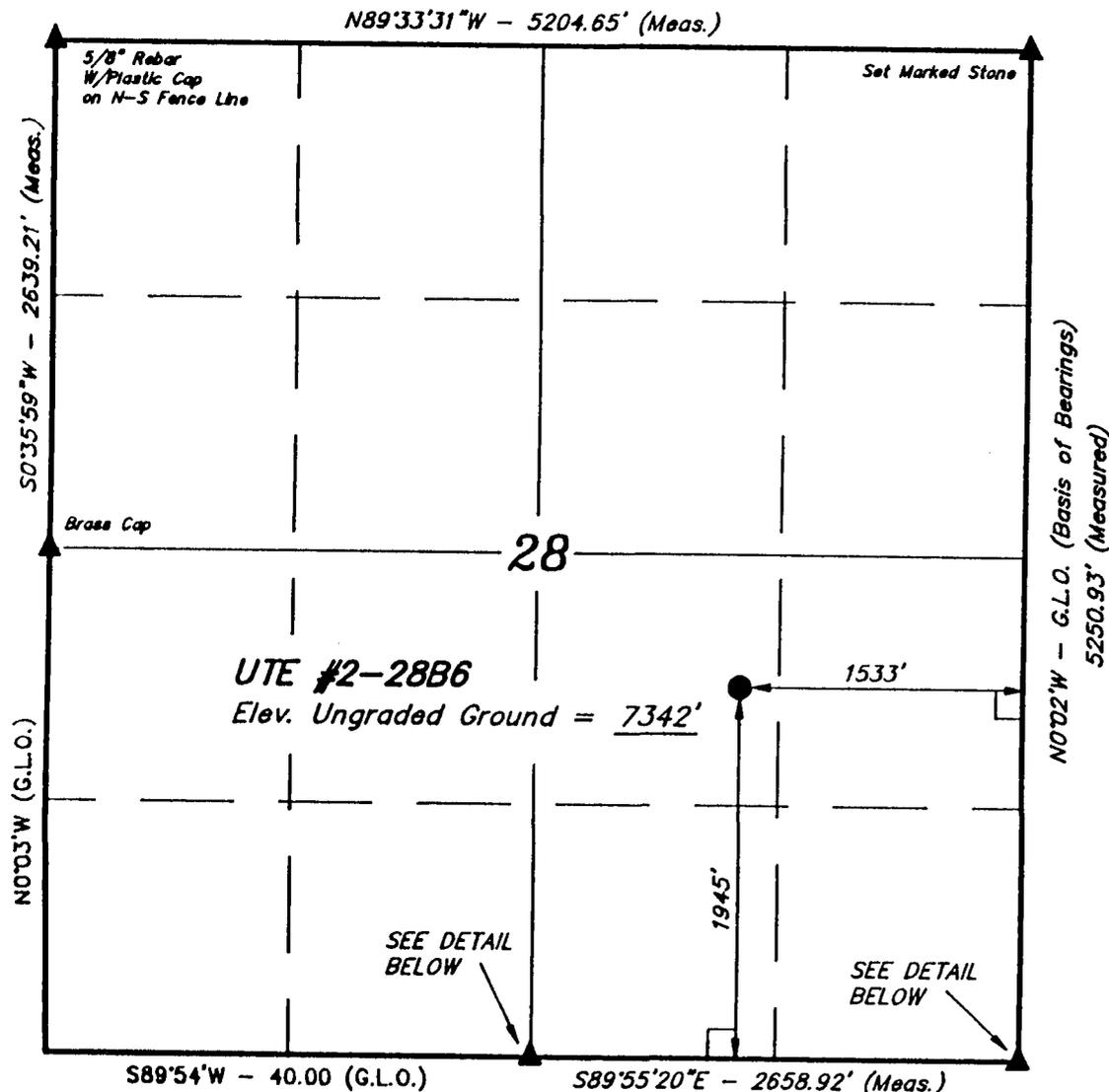


CERTIFICATE

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

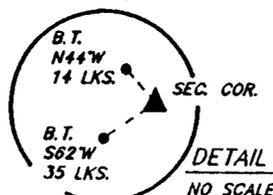
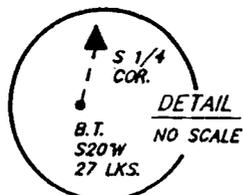
Robert J. King
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

UNTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-9-93	DATE DRAWN: 11-16-93
PARTY L.D.T. R.A. R.E.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE ANR PRODUCTION CO.	



Note:

Section Corner Locations Determined from Bearing Trees by Honoring Record Distances.



UTE #2-28B6
1945' FSL & 1533' FEL
NW/SE SECTION 28, T2S-R6W
DUCHESNE COUNTY, UTAH

ANR PRODUCTION COMPANY
BIA LEASE NO.: 14-20-H62-4614

EIGHT POINT RESOURCE PROTECTION PLAN

1. Well Status:

Location : 1945' FSL & 1533' FEL (NW/SE) Section 28, T2S-R6W
Elevation : 7342'
Proposed TD: 14,650'

2. Estimated Tops of Important Geologic Markers:

Undifferentiated Duchesne River/Uinta : Surface
Lower Green River : 9,035'
Wasatch : 10,500'
Top of Red Beds : 11,000'
Bottom of Red Beds : 12,800'
TD : 14,650'
Permit Depth : 14,650'

3. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formation:

Lower Green River	9,035'	Oil/Gas (Possible)
Wasatch	10,500'	Oil/Gas (Primary Objective)

All usable water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

4. Pressure Control Equipment:

A. BOPE Type: 11" Annular Preventer (Hydril), 11" Double Gate Hydraulic, Drilling Spool

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves and a check valve (2-inch minimum).
9. Upper and lower Kelly Cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

4. Pressure Control Equipment: (continued)

B. Pressure Rating: 5000 psi

C. Testing Procedure:

Annular Preventer (Hydril)

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

The Vernal District Office, Bureau of Land Management, will be notified twenty-four (24) hours in advance (at a minimum) of running pressure tests in order to have a BLM representative on location during testing.

D. Choke Manifold Equipment:

All choke lines will be straight lines, unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

4. Pressure Control Equipment: (continued)

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above pre-charge on the closing manifold without the use of the closing unit accumulator capacity and the fluid level will be maintained at the manufacturer's recommendations. The BOP system will have two (2) independent power sources to close the preventers.

Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications. The accumulator pre-charge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months, thereafter. The accumulator pressure will be corrected if the measured pre-charge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure.

The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the wellhead but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will be depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 100 feet (minimum) from the center of the drill hole to a separate flare pit.

5. The Proposed Casing and Cementing Program:

A. Casing Program: (All New)

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
17-1/2"	13-3/8"	54.5#	K-55	LT&C	0-200'
12-1/4"	9-5/8"	40.0#	S-95	BT&C	0-7000'
8-3/4"	7"	26.0#	S-95	LT&C	6800'-10700'
8-3/4"	5-1/2"	23.0#	S-95	LT&C	10700'-14650'

The casing string will be pressure tested to 0.22 psi/ft, or 1500 psi (not to exceed 70% of the internal yield strength of the casing), whichever is greater, after cementing and prior to drilling out from under the casing shoe.

5. The Proposed Casing and Cementing Program: (continued)

- B. Cementing Program : Cement Volume = 1.5 x Annular Volume
- Surface Conductor : 208 CF Class "G"
- Surface Casing : 3288 CF Class "G"
- Production Casing : 883 CF 50/50 Poz mix and 1497 CF Class "G" (calculate from Caliper Log)

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

The Vernal District Office, Bureau of Land Management, will be notified twenty-four (24) hours in advance (at a minimum) of running and cementing casing.

6. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-7000'	Air Misting	---	---	---
7000'-14650'	LSND to lightly dispersed mud.	9.9-10.2	40-45	8cc's

Sufficient mud material to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

7. Evaluation Program:

- Logs : DIL-SP-GR* : 14,650'-7,000'
 FDC-CNL-CR-CAL : 14,650'-7,000'
 BHC-Sonic-GR : 14,650'-7,000'

* Pull Gamma Ray to surface.

DST's & Cores : None.

The evaluation program may be altered at the discretion of the well site geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

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 to the Vernal District Office, Bureau of Land Management, not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

7. Evaluation Program: (continued)

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 Authorized Officer, Vernal District Office, Bureau of Land Management, 170 South, 500 East, Vernal, UT 84078, phone (801) 789-1362.

8. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottomhole pressure equals approximately 7,712 psi (calculated at 0.53 psi/foot) and maximum anticipated surface pressure equals approximately 4,511 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot). This condition would exist in a gas well. In this area, thirty-eight degree API oil is the formation fluid. Thirty-eight degree API oil translates to a specific gravity of .835 and a 6.96 ppg fluid.

Because oil is the invading fluid, the maximum expected surface pressure is 2,446 psi (7,712 psi - 5,266 psi). An offset well in the area, the Ute #1-27B6, had a maximum recorded shut-in pressure of 900 psi and a maximum flowing pressure of 600 psi.

9. Anticipated Starting Dates and Notification of Operations:

A. Drilling Activity

Anticipated Commencement Date : February 10, 1994
Drilling Days : Approximately 60 Days
Completion Days : Approximately 30 Days

B. Notification of Operations

The Vernal District Office, Bureau of Land Management, will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5).
2. Initiating pressure tests of the blow-out preventer and related equipment.
3. Running casing and cementing of ALL casing strings.

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 suspended status without prior approval of the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

In accordance with Onshore Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P. O. Box 17110, Denver, Colorado 80217.

9. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations (continued)

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences, shall be promptly reported in accordance with the provisions of NTL-3A or its current 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 Authorized Officer, and all conditions of this approved plan will be applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication no later than five (5) business days following the date on which the well is placed on production.

Pursuant to Onshore Operating Order #7, with the approval of the Authorized Officer, produced water may be temporarily disposed of into the reserve pit for a period of up to ninety (90) days. During this period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted to the Authorized Officer.

Pursuant to NTL-4A, lessees and operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of thirty (30) days or the production of fifty (50) MMCF of gas, whichever occurs first. An application must be filed with the Authorized Officer, and approval received, for any venting/flaring of gas beyond the initial thirty (30) days or otherwise authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4, shall be submitted to the Vernal District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All production lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer.

A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name; Well Name and Number; location by Quarter/Quarter; Section, Township, Range; and Federal or Indian Lease Number.

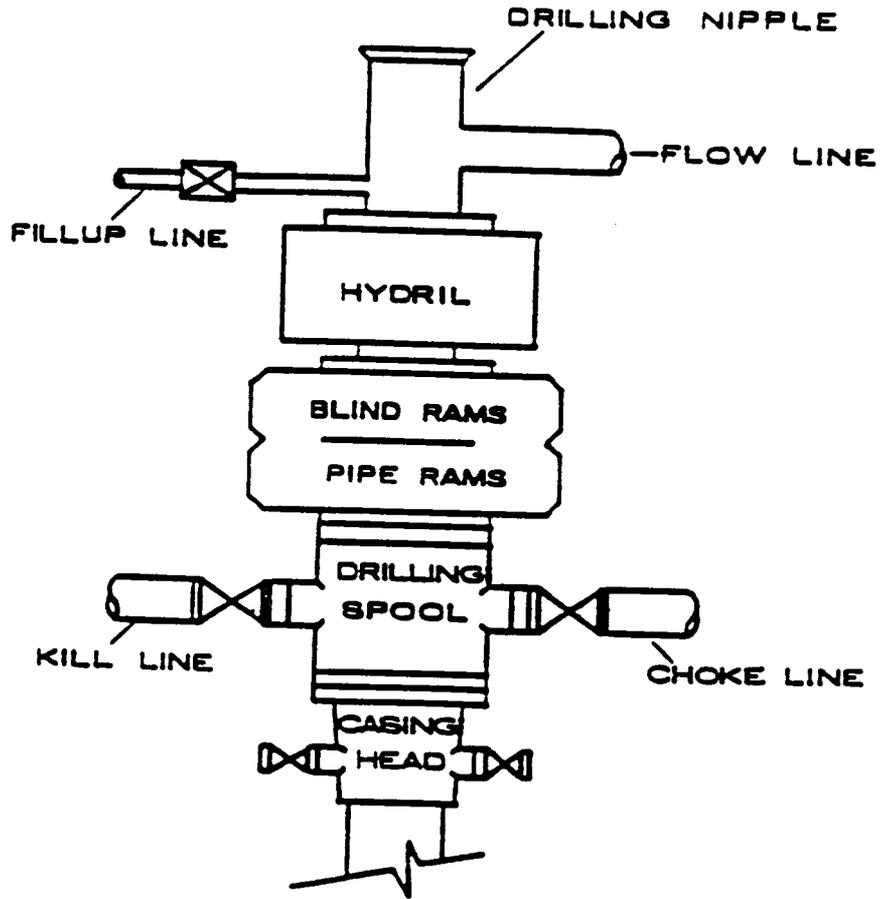
9. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations (continued)

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the wellbore. This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection. Final abandonment will not be approved until the surface reclamation work required by the approved "Application for Permit to Drill" has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Management Agency.

Pursuant to Onshore Operating Order #1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable Federal laws and regulations and with State and Local laws and regulations to the extent that such State and Local laws are applicable to operations on Federal and Indian lands.

BOP STACK



ANR ANR Production Company
An American Natural Resources Company

5000 PSI BOP EQUIPMENT

Ute 2-28 B6
1945' FSL & 1533' FEL
NWSE Sec. 28, T2S, R6W
Duschene County, Utah
Mineral Lease 14020-H62-4614

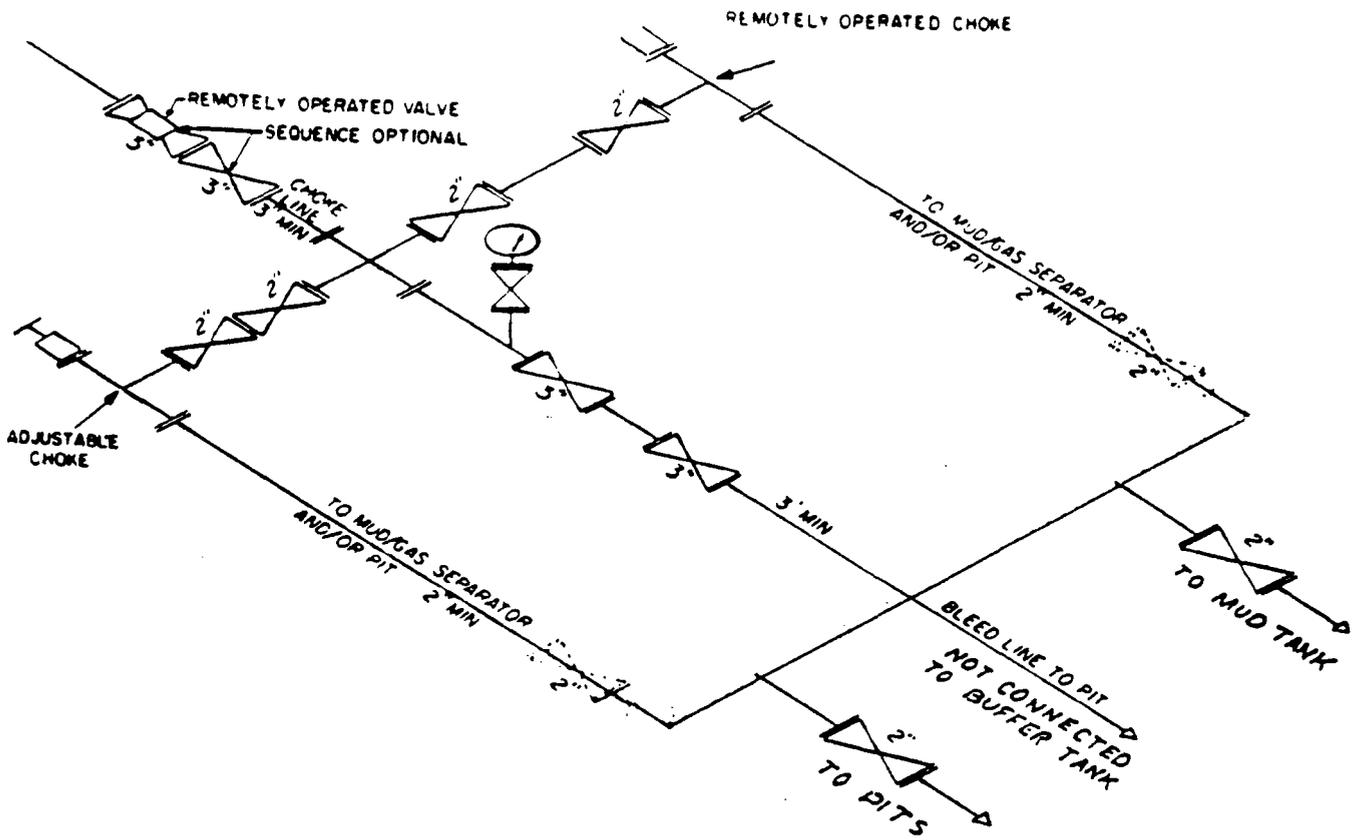
By:

Scale:

Date:

Rev.:

File #



ANR ANR Production Company
An American Natural Resources Company

5000 PSI CHOKING MANIFOLD

Ute 2-28B6
1945'FSL & 1533'FEL
NWSE Sec.28, T2S, R6W,
Duschene County, Utah
Mineral Lease 14-20-H62-4614

By:	Scale:
Date:	Rev.:

File #

UTE #2-28B6
1945' FSL & 1533' FEL
NW/SE SECTION 28, T2S-R6W
DUCHESNE COUNTY, UTAH

ANR PRODUCTION COMPANY
BIA LEASE NO.: 14-20-H62-4614

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

1. Existing Roads:

- A. Refer to Topo Maps "A" and "B".
- B. To reach the location from the community of Duchesne, Utah, proceed west on U.S. Highway 40 approximately 6.8 miles to an access road north; turn right and proceed in a northerly direction approximately 1.4 miles to a junction of this road and a road to the west; turn left and proceed westerly past the Koch Oil plant approximately 4.9 miles to a junction of this road and an existing road to the southwest; turn right and proceed west and then northerly approximately 1.3 miles to a junction of this road and an existing road west; turn right and proceed northerly approximately 1.0 miles to a junction of this road, a well, and a road northerly; turn left and proceed northwesterly approximately 0.6 miles to a junction of this road and a road to the northeast; turn left and proceed northerly approximately 3.4 miles to a junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly direction approximately 2.1 miles almost to the existing 1-28B6 well location; turn right before the 1-28B6 well pad and proceed in a southeasterly direction approximately 0.3 miles to the beginning of the proposed access road.
- C. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the Ute 2-28B6 well location.

2. Planned Access Roads:

- A. Approximate length is 1500'. Topo Map "B" is the vicinity map showing the proposed access road, power line, and pipeline.
- B. The finished surface of the planned access road will be approximately 20' wide with a total right-of-way width of 60' to include the planned surface pipeline and power line.
- C. Maximum grade will be 5% or less.
- D. No turnouts will be required.
- E. The road will be built to have positive drainage.
- F. No culverts will be required.
- G. Road surface material will be that of native material.
- H. No gates, cattleguards or fence cuts will be required.

2. Planned Access Roads: (continued)

- I. Road maintenance (during both the drilling and production phase of operations) - The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations. All traffic will be confined to the approved right-of-way.
- J. A BIA Right-of-Way application is being submitted.

3. Location of Existing Wells Within a One-Mile Radius: See Map "C".

A. Water Wells	0
B. Abandoned Wells	0
C. Temporarily Abandoned Wells	0
D. Disposal Wells	0
E. Drilling Wells	1
F. Producing Wells	1
G. Shut-in Wells	0
H. Injection Wells	0

4. Location of Existing and/or Proposed Facilities:

If well is productive, the following guidelines will be followed:

A. On Well Pad:

- 1. A diagram showing the proposed production facilities layout will be submitted via Sundry Notice Form 3160-5 prior to facilities installation.
- 2. All on well pad production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the back slope or top of the fill slope.
- 3. The on well pad production facilities, consisting primarily of a pumping unit at the wellhead, a line heater and a surface flowline, will require an area approximately 300' x 150'.

B. Off Well Pad:

- 1. Additional production facilities will be accommodated on the existing on lease Ute 2-21B6 well pad (NE/NW Section 21, T2S-R6W). Construction materials required for installation of the production facilities will be obtained from the site. Any additional materials required will be purchased from a local supplier having a permitted (private) source of materials.
- 2. A common on lease tank battery at the Ute 2-21B6 location (NE/NW Section 21, T2S-R6W) will be used. A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. Location of Existing and/or Proposed Facilities: (continued)

- C. All permanent (on-site for six months or longer) above the ground structures constructed or installed including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five (5) state Rocky Mountain Inter-Agency Committee.

All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act rules and regulations will be excluded from this painting requirement.

The required paint color is Desert Brown, Munsell standard color number 10 YR 6/3.

- D. If at any time the facilities located on public lands and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the Bureau of Land Management will process a change in authorization to the appropriate statute. The authorization will be subject to the appropriate rental or other financial obligation as determined by the Authorized Officer.
- E. The need for a production pit on the well location is not anticipated at this time; however, should one be necessary, the production (emergency) pit will be fenced with woven wire mesh topped with one (1) strand of barbed wire held in place with metal side posts and wooden corner "H" braces in order to protect livestock and wildlife. Please refer to Item #9.C (page #s 4 and 5) for additional information on the fencing specifications.
- F. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved "*Application for Permit to Drill*".
- G. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Bureau of Indian Affairs.

5. Location and Type of Water Supply:

- A. Freshwater for drilling will be obtained from the Duchesne City Culinary Water System, located in Sections 1 and 2, T4S-R5W, USM, Duchesne County, Utah, under the existing water rights held by the City of Duchesne, Utah or from the Ute Indian Tribe Water Right #1230 taken from the Jasper Pike Canal.
- B. Water will be transported over existing roads via tank truck from the point of diversion to proposed Ute 2-28B6 well location. No new construction will be required on/along the proposed water haul route. Access roads which cross off lease Tribal lands on/along the proposed water haul route will be authorized under a separate right-of-way grant/special use permit to be obtained from the Uintah & Ouray Indian Tribes and/or the Bureau of Indian Affairs, prior to commencement of operations, if required.
- C. No water well will be drilled on this location at this time.

6. Source of Construction Materials:

- A. Construction materials needed for surfacing of the well pad will be native from location and/or access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate surface management agency.

6. Source of Construction Materials: (continued)

- C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit or blooie pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve/blooie pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility or left to evaporate. The reserve pit will be closed within 120 days after the termination of drilling.
- C. The reserve pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be lined with either a synthetic plastic liner or bentonite. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. The reserve pit will be constructed so as not to leak, break, or allow discharge of liquids therefrom.
- D. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to the lined reserve pit or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval.
- E. Any spills of oil, gas, saltwater or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- F. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest approved sewage disposal facility.
- G. Garbage (trash) and other waste materials will be collected in a portable, self-contained and fully enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed), the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- H. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location upon termination of drilling and completion operations. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities: None anticipated.

9. Well Site Layout:

- A. See attached "Layout Diagram" to describe drill pad cross-sections, cuts and fills.
- B. See attached "Layout Diagram" to describe location of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).
- C. See attached "Layout Diagram" to describe rig orientation, parking areas, and access roads.
 - 1. Reserve pit will be located in the NW quadrant of the drill pad.
 - 2. Surface material (top soil) will be stockpiled on the north and/or east side(s) of the drill pad.
 - 3. Flare pit will be in the northeast quadrant of the drill pad.
 - 4. Access will be from the west.
 - 5. Corner numbers 2, 6, and 8, will be rounded off to minimize surface disturbance.

D. Fencing

Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides, according to the following minimum standards:

- 1. Thirty-nine (39) inch net wire shall be used with at least one (1) strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 - 2. The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least 42 inches.
 - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 5. All wire shall be stretched by using a stretching device before it is attached to the corner posts.
 - 6. The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.
- E. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. Before any dirt work to restore the location takes place, the reserve pit will be as dry as possible and all cans, barrels, pipe, etc., will be removed. Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
4. The reserve pit will be reclaimed within one-hundred and twenty (120) days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three (3) feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

5. For production, the fill & cut slopes will be reduced from a 1.5:1 slope to a 3:1 slope.
6. Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces (including the access road and well pad areas) will be reseeded with seed mixture to be recommended by the Authorized Officer, Bureau of Indian Affairs.

Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15, and prior to ground frost, or after Winter, before April 15.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Indian Affairs, abandoned well sites, roads, or other disturbed areas will be restored as near as practical to their original condition. This procedure will include:
 - a. Re-establishing irrigation systems where applicable.
 - b. Re-establishing soil conditions in irrigated field in such a way as to ensure cultivation and harvesting of crops.
 - c. Ensuring re-vegetation of the disturbed areas to the specifications of the Uintah & Ouray Indian Tribes or the Bureau of Indian Affairs at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed in the fall following completion of reclamation operations. Please refer to Item #10.A.6 for additional information regarding the reseeding operation.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands owned by the Uintah & Ouray Indian Tribes and administered in trust by:

Bureau of Indian Affairs
Uintah & Ouray Agency
P. O. Box 130
Fort Duchesne, Utah 84026
Phone: (801) 722-2406

This parcel of land is under the management of Ute Tribal Livestock Enterprise, Ft. Duchesne, Utah 84026.

12. Other Information:

- A. ANR Production Company will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts.

If historic or archaeological materials are uncovered, ANR Production Company will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer, Bureau of Indian Affairs. Within five (5) working days, the Authorized Officer will inform ANR Production Company as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If ANR Production Company wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, ANR Production Company will be responsible for mitigation costs.

The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, ANR Production Company will then be allowed to resume construction.

- B. ANR Production Company will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the Bureau of Land Management or the Uintah County Extension Office. On lands administered by the Bureau of Land Management, it is required that a "Pesticide Use Proposal" be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds. On lands administered by the Bureau of Indian Affairs, it is required that a "Pesticide Use Proposal" be submitted and approval obtained prior to the application of herbicides, pesticides or possible hazardous chemicals for the control of noxious weeds.

12. Other Information: (continued)

- C. Mineral Lease No. 14-20-H62-4614, Duchesne County, Utah, Township 2 South, Range 6 West, includes the following:

Section 22: S/2, S/2 N/2.

Section 23: S/2, S/2 N/2, N/2 NW 4, NW4 NE/4.

Section 26: All.

Section 27: All.

Section 28: All.

Section 35: All.

13. Additional Stipulations for Operations on Lands Administered by the Bureau of Indian Affairs:

- A. Operator's employees, including subcontractors, will not gather firewood along roads constructed by Operator. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization".

All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted permit from the BIA forester.

- B. If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the Bureau of Indian Affairs before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, right-of-ways will be obtained from the other entity.
- C. All roads constructed by oil and gas operators on the Uintah & Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state:
1. That the land is owned by the Uintah & Ouray Indian Tribes;
 2. The name of the operator;
 3. That firearms are prohibited by all non-Tribal members;
 4. That permits must be obtained from the Bureau of Indian Affairs before cutting firewood or other timber products; and
 5. Only authorized personnel are permitted to use said road.
- D. All well site locations on the Uintah & Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, section, township and range).
- E. ANR Production Company shall contact the Bureau of Land Management and the Bureau of Indian Affairs between 24 and 48 hours prior to commencement of construction activities.

13. Additional Stipulations for Operations on Lands Administered by the Bureau of Indian Affairs: (continued)

F. The BLM and BIA offices shall be notified upon site completion and prior to moving drilling tools onto the location.

14. Lessee's or Operator's Representative and Certification Representative:

ANR Production Company
Joseph J. Adamski
Environmental & Regulatory Analyst
P. O. Box 749
Denver, Colorado 80201-0749
Office: (303) 573-4476
Home: (303) 828-3045

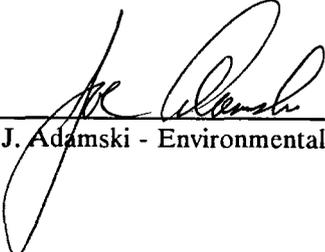
Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

ANR Production Company will be fully responsible for the actions of their subcontractors. A complete copy of the approved "*Application for Permit to Drill*" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

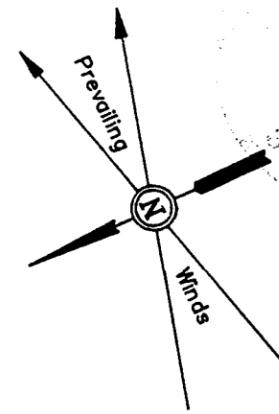
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by ANR Production Company, its contractors and subcontractors in conformity with this plan and the terms and 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.

1-17-99
Date

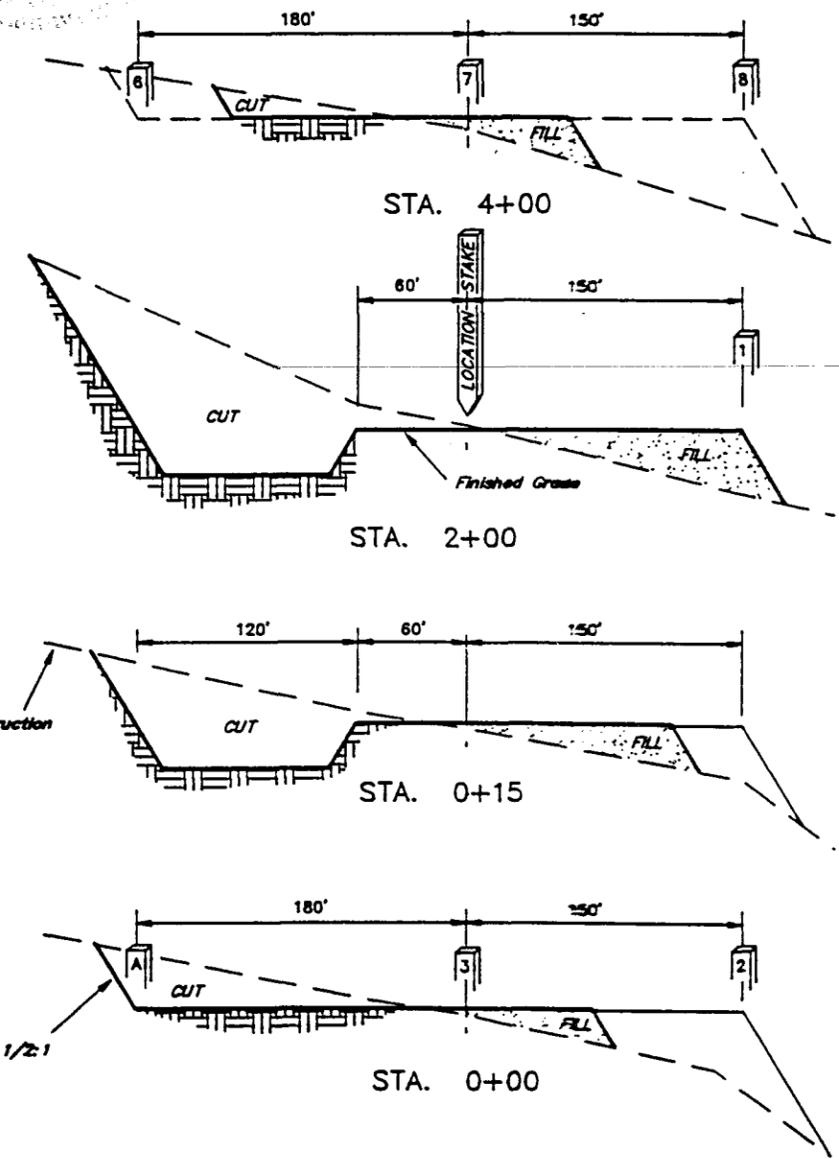


Joseph J. Adamski - Environmental & Regulatory Analyst

ANR PRODUCTION CO.
 LOCATION LAYOUT FOR
 UTE #2-28B6
 SECTION 28, T2S, R6W, U.S.B.&M.



SCALE: 1" = 50'
 DATE: 11-16-93
 DRAWN BY: R.E.H.



TYPICAL LOCATION LAYOUT
 TYPICAL CROSS SECTIONS

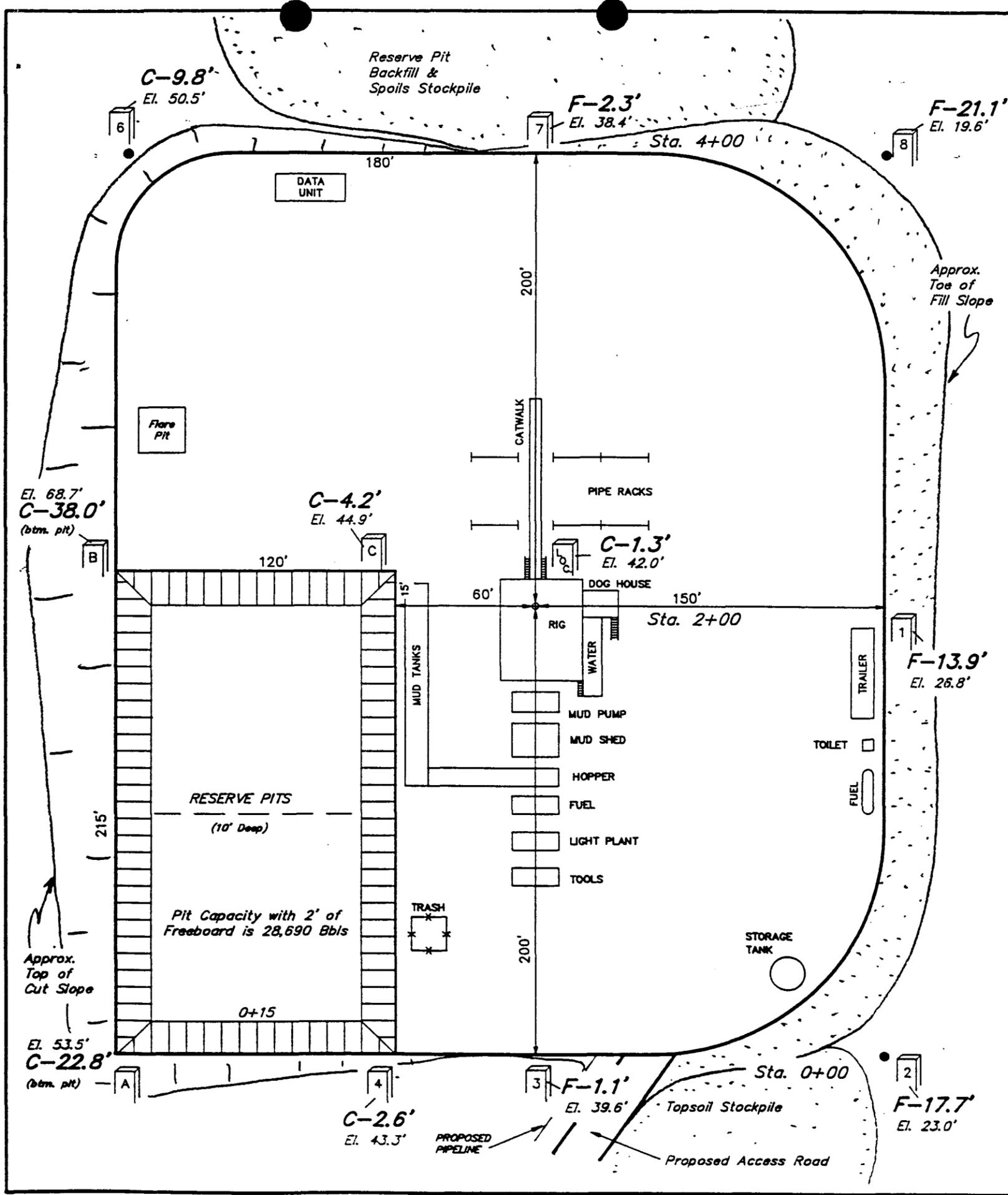
APPROXIMATE YARDAGES

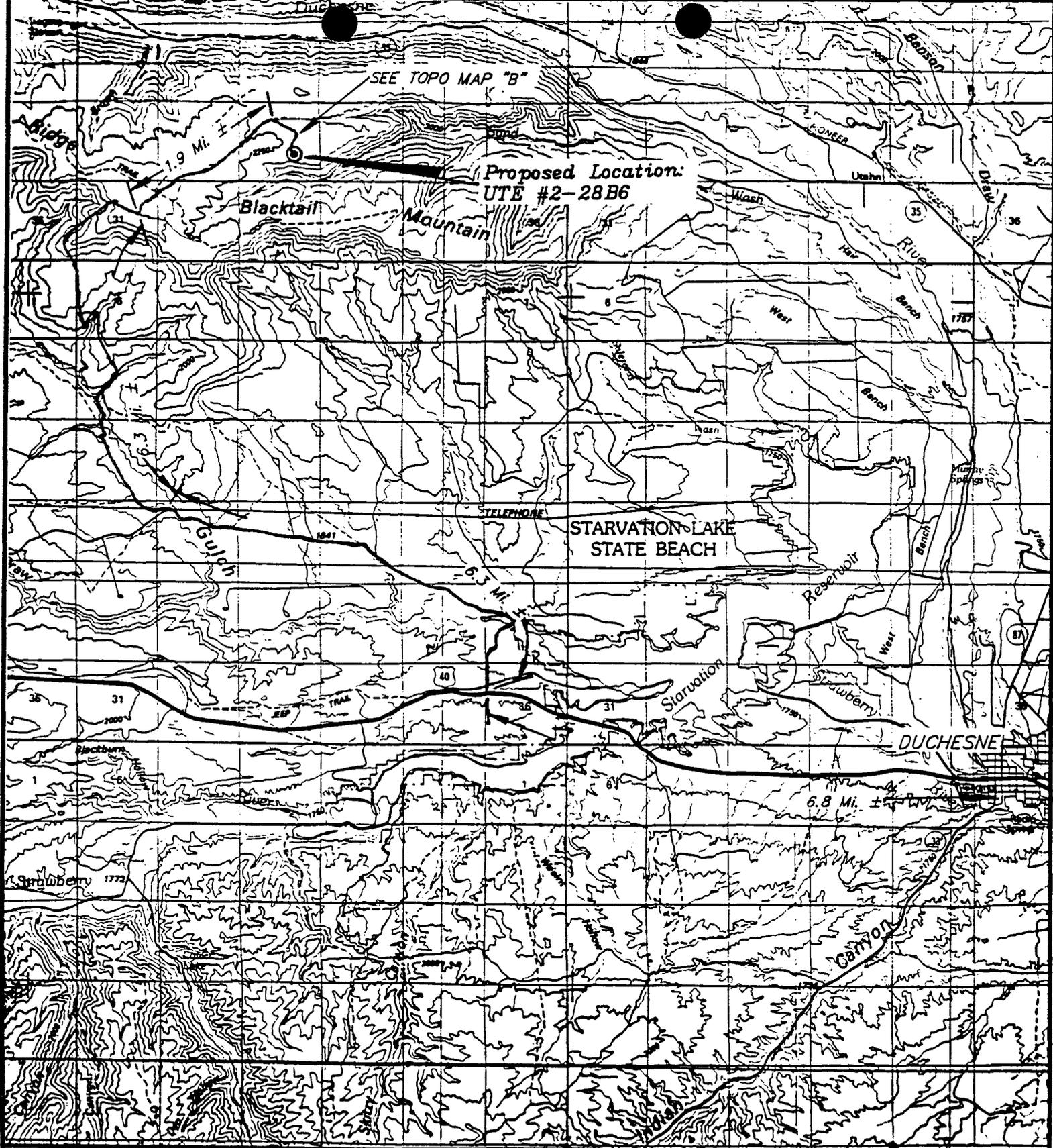
CUT (12") Topsoil Stripping	= 4,890 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 13,570 Cu. Yds.
Remaining Location	= 35,460 Cu. Yds.	Topsoil & Pit Backfillackfill (1/2 Pit Volume)	= 8,780 Cu. Yds.
TOTAL CUT	= 40,350 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 4,790 Cu. Yds.
FILL	= 25,440 CU.YDS.		

NOTES:

Elev. Ungraded Ground At Loc. Stake = 7342.0'
 FINISHED GRADE ELEV. AT LOC. STAKE = 7340.7'

FIGURE #1





SEE TOPO MAP "B"

Proposed Location:
UTE #2-28B6

Blacktail
Mountain

STARVATION LAKE
STATE BEACH

DUCHESNEE

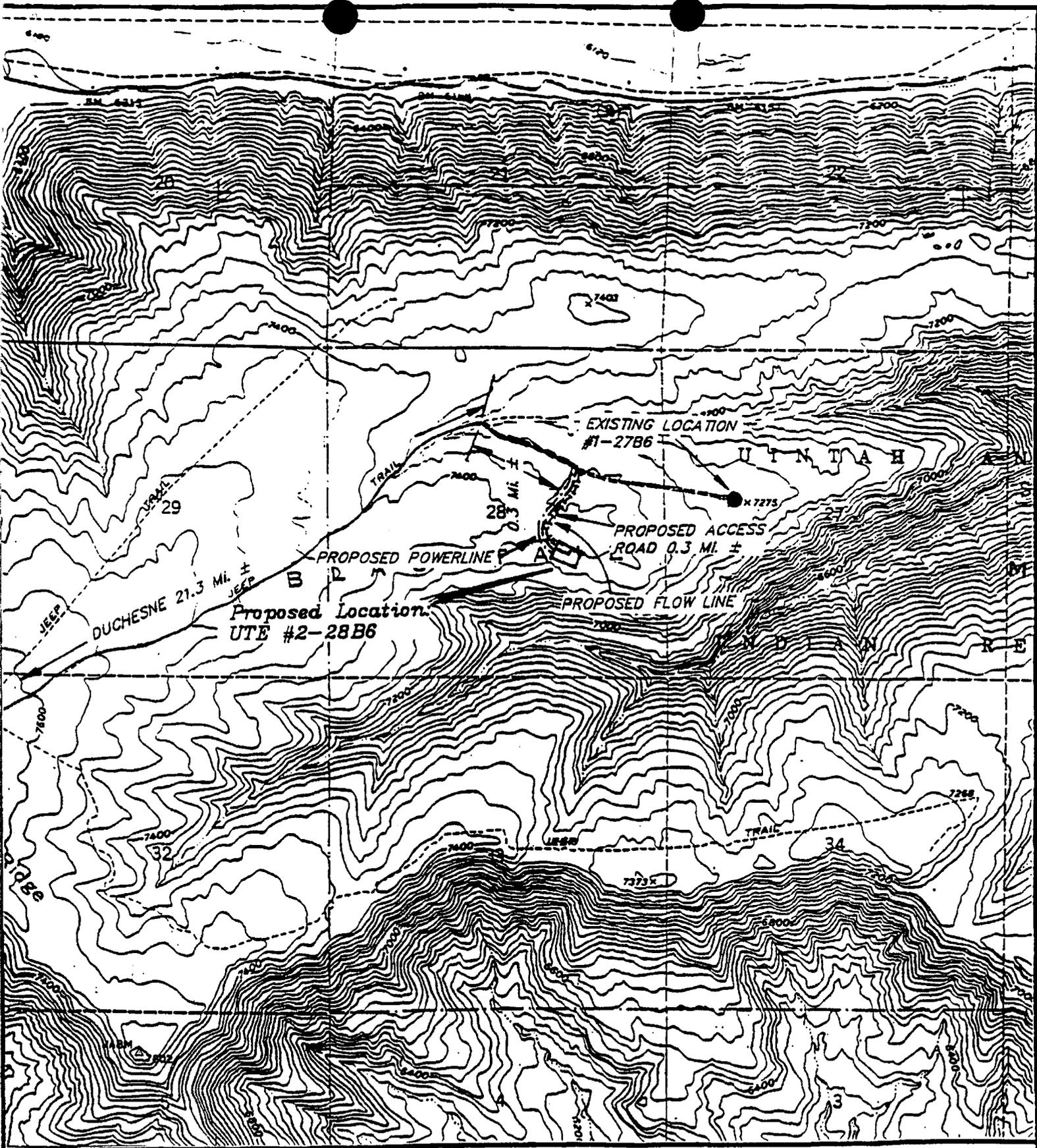
TOPOGRAPHIC
MAP "A"

DATE: 11-15-93 D.J.S.



ANR PRODUCTION CO.

UTE #2-28B6
SECTION 28, T2S, R6W, U.S.B.&M.



Proposed Location
UTE #2-28B6

EXISTING LOCATION
#1-27B6

PROPOSED ACCESS
ROAD 0.3 MI. ±

PROPOSED POWERLINE

PROPOSED FLOW LINE

Duchesne 21.3 Mi. ±

28 MI. ±

TRAIL 29

UTAH

WYOMING

TRAIL 34

ANR PRODUCTION CO.

UTE #2-28B6

SECTION 28, T2S, R6W, U.S.B.&M.

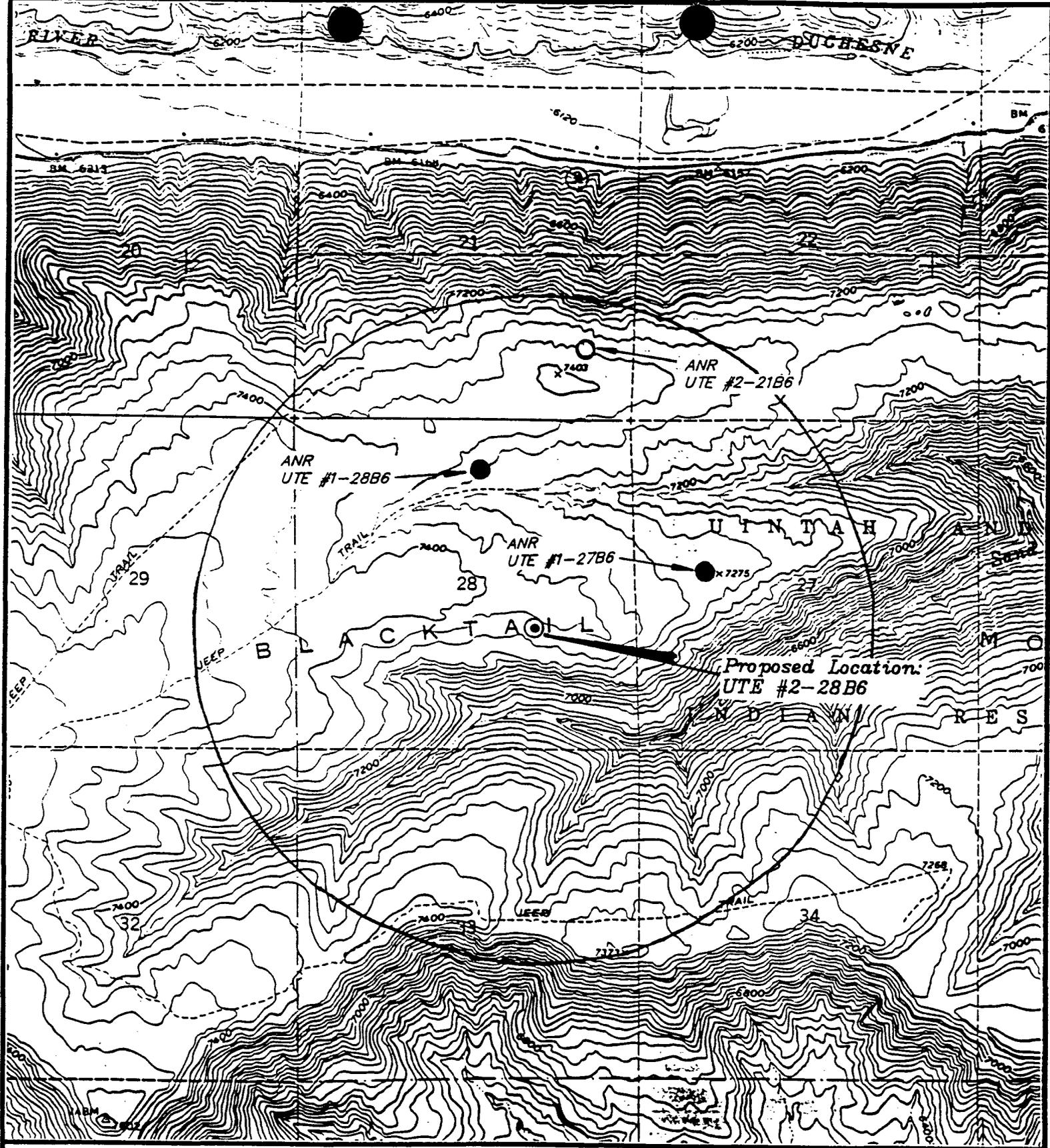
TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'

DATE: 11-15-93 O.J.S.





LEGEND:

- ⊕ = Water Wells
- = Abandoned Wells
- ⦿ = Temporarily Abandoned Wells
- ⊗ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



ANR PRODUCTION CO.

UTE #2-28B6
SECTION 28, T2S, R6W, U.S.B.&M.

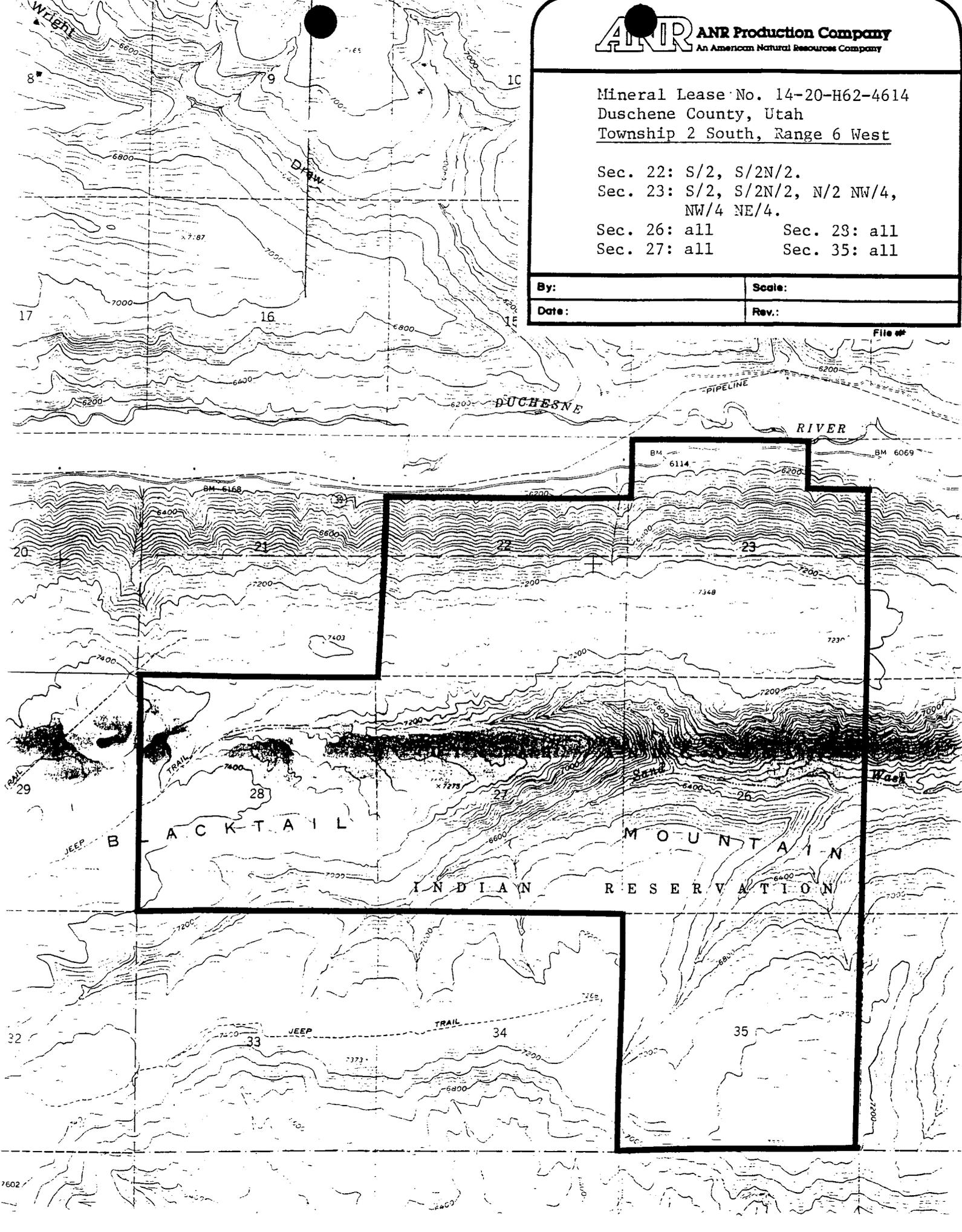
TOPO MAP "C"

DATE: 11-15-93 D.J.S.

Mineral Lease No. 14-20-H62-4614
 Duchesne County, Utah
 Township 2 South, Range 6 West

Sec. 22: S/2, S/2N/2.
 Sec. 23: S/2, S/2N/2, N/2 NW/4,
 NW/4 NE/4.
 Sec. 26: all Sec. 29: all
 Sec. 27: all Sec. 35: all

By:	Scale:
Date:	Rev.:



U.E.L.S., INC.

UINTAH ENG. & LAND SURVEYING, INC.

FACSIMILE TRANSMISSION

DATE: 2-10-94

TO: MIKE HEBERTSON

COMPANY: Division of Oil Gas & Mining

CITY:

FACSIMILE NO. (801)-359-3940

FROM:

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST
VERNAL, UTAH 84078

RE: Approval

NUMBER OF PAGES
INCLUDING THIS COVER
SHEET 3

COMMENTS: _____

Our Fax Machine number on a dedicated telephone line is:
(801)789-1813. If you experience a problem with this
transmission, please call ROBERT at (801)789-
1017.

February 10, 1994

3160
(UT08438)*M. Herrmann*
2-10-94

ANR Production Company
Attn: Joseph J. Adamski
P.O. Box 749
Denver, CO 80201-0749

Re: Well No. 2-28B6
NWSE, Sec. 28, T2S, R6W
Lease No. 14-20-H62-4622
Duchesne County, Utah

Dear Mr. Adamski:

Enclosed is an approved copy of the Application for Permit to Drill (APD) with attached Conditions of Approval for the above referenced well.

A copy of the approved APD with attached Conditions of Approval was hand delivered to your local representative on FEB 10 1994. The date of receipt is established as the date listed in the previous sentence.

If you have any questions concerning APD processing, please contact me at (801) 781-4492.

Sincerely,

Margie Herrmann

Margie Herrmann
Legal Instruments Examiner

Enclosure

MHerrmann:February 10, 1994

bcc: Central file
Reading file
Well file

Received by: *Robert L. Day*Date: FEB 10 1994

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
ANR Production Company

3. ADDRESS OF OPERATOR
P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1945' FSL & 1533' FEL (NW/SE)
At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 21.5 miles northwest of Duchesne, Utah.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1533'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640 (2 wells/section)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ± 2300'

19. PROPOSED DEPTH 14,650'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.) 7342' GR

22. APPROX. DATE WORK WILL START* February, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM Cmt Vol = 1.5 Annular Vol

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT **
17-1/2"	13-3/8" K-55	ST&C 54.5#	0-200'	208 CF Class "G"
12-1/4"	9-5/8" S-95	BT&C 40.0#	0-7000'	3288 CF Class "G"
8-3/4"	7" S-95	LT&C 26.0#	6800-10700'	883 CF 50/50 Poz Mix
8-3/4"	5-1/2" S-95	LT&C 23.0#	10700-14650'	1497 CF Class "G"

** Cement volumes may change due to hole size. Calculate from Caliper Log.

Operator proposes to test the Wasatch formation in a prudent manner consistent with State and Federal regulations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company, Nationwide Bond #U768806, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

RECEIVED

JAN 18 1994

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/19/94

API NO. ASSIGNED: 43-013-31434

WELL NAME: UTE 2-28B6
OPERATOR: ANR PRODUCTION COMPANY (N0675)

PROPOSED LOCATION:
NWSE 28 - T02S - R06W
SURFACE: 1945-FSL-1533-FEL
BOTTOM: 1945-FSL-1533-FEL
DUCHESNE COUNTY
ALTAMONT FIELD (055)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: IND
LEASE NUMBER: 14-20-H62-4614

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal State Fee
(Number 4768806)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number #1230)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

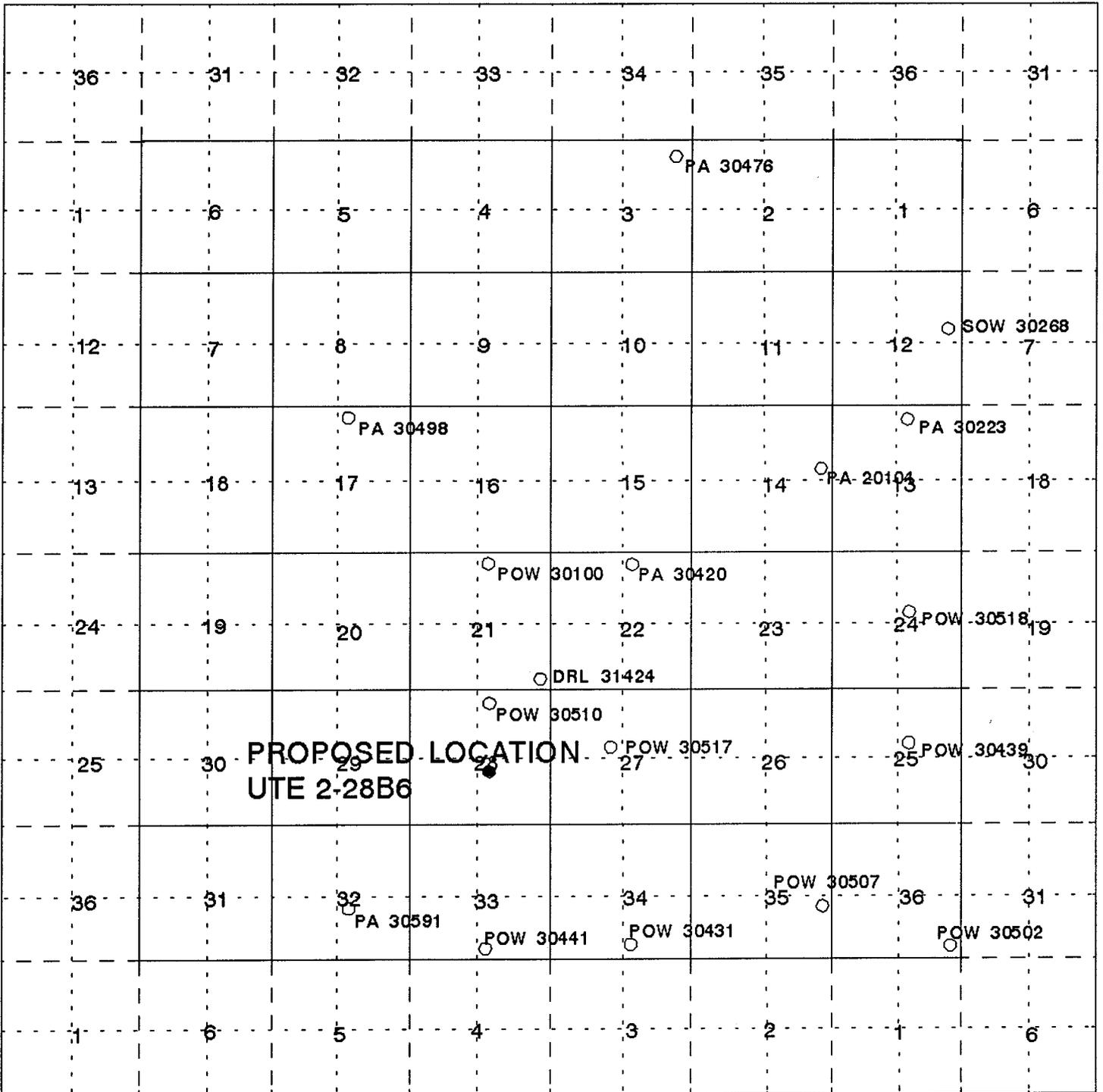
___ R649-2-3. Unit: _____
___ R649-3-2. General.
___ R649-3-3. Exception.
 Drilling Unit.
Board Cause no: 139-42
Date: 4/12/85

COMMENTS: _____

STIPULATIONS: _____

CONFIDENTIAL
PERIOD
EXPIRED
ON 8-19-95

PROPOSED LOCATION ANR UTE 2-28B6



T
2
S

R 6 W

DUCHESNE COUNTY, ALTAMONT FIELD

STATE OF UTAH

Operator: COSTAL OIL & GAS	Well Name: UTE 2-28B6
Project ID:	Location: NW/SE, SEC. 28, T2S, R6

Design Parameters:

Mud weight (8.33 ppg) : 0.433 psi/ft
 Shut in surface pressure : 5784 psi
 Internal gradient (burst) : 0.135 psi/ft
 Annular gradient (burst) : 0.433 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	7,000	9.625	40.00	S-95	Buttress	7,000	8.750

	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	3029	4230	1.396	5784	6820	1.18	244.34	1106	4.53 J

Prepared by : FRANK MATTHEWS, Salt Lake City, UT
 Date : 02-11-1994
 Remarks :

2 LINERS

Minimum segment length for the 7,000 foot well is 7,000 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.65, and a mean gas temperature of 147°F (Surface 74°F , BHT 220°F & temp. gradient 1.000°/100 ft.)
 Intermediate string:
 Next string will set at 14,650 ft. with 10.20 ppg mud (pore pressure of 7,763 psi.) The frac gradient of 1.000 psi/ft at 7,000 feet results in an injection pressure of 7,000 psi Effective BHP (for burst) is 6,729 psi, the BHP load is 3,700 psi (using an annular mud of 8.33 ppg) and the differential gradient is -0.300 psi/ft.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



Coastal
The Energy People

January 17, 1994

Mike Hebertson
State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180

RECEIVED

JAN 19 1994

DIVISION OF
OIL, GAS & MINING

Re: Ute 2-28B6
1945'FSL & 1533'FEL
NWSE Sec.28-T2S-R6W
Ute Tribal
Mineral Lease 14-20-H62-4614
Ute Tribal Surface

Dear Mike,

For your review please find enclosed a copy of the Application For Permit To Drill for the referenced well, which has been forwarded to the BLM office in Vernal, Utah. The on-site was conducted on January 6, 1994 with representatives from the Ute Tribe, the BIA, and the BLM attending.

Please contact me if ANR Production Company may provide additional information concerning this project.

Cordially,

Joseph J. Adamski
Environmental and Regulatory Analyst

ANR Production Company

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH STREET STE 800 SOUTH • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 ANR Production Company

3. Address and Telephone No.
 P.O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1945' FSL & 1533' FEL, NWSE, Sec. 28- T2S-R6W

5. Lease Designation and Serial No.
 14-20-H62-4622

6. If Indian, Allottee or Tribe Name
 UTE

7. If Unit or CA, Agreement Designation
 Altamont

8. Well Name and No.
 Ute 2-28B6

9. API Well No.

10. Field and Pool, or Exploratory Area
 ALTAMONT

11. County or Parish, State
 Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input checked="" type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

IN amendment to Item No. 5, THE PROPOSED CASING AND CEMENTING PROGRAM, of the Application for Permit to Drill, dated 1-14-94, please be advised that operator proposes to run a DV tool @3000' in the 9 5/8" 40:0# 8785 BT&C surface casing to better ensure that cement is circulated to surface.

VERNAL DIST.
 ENG. WPP (adms) 2/10/94
 GEOL. _____
 E.S. _____
 PEFT. _____
 A.M. _____

FEB 09 1994

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

Signed [Signature] Title Joseph J. Adamski Environmental Coordinator Date 2-9-94

(This space for Federal or State office use)

Approved by [Signature] Title ASSISTANT DISTRICT MANAGER MINERALS Date FEB 10 1994

Conditions of approval, if any:

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

NOTICE OF APPROVAL *See instruction on Reverse Side **CONDITIONS OF APPROVAL PRINTED TO OPERATOR'S COPY**

ANR production Company
Ute Tribal 2-28B6
NWSE S28, T2S, R6W

CONDITIONS OF APPROVAL

We have reviewed your request for technical adequacy and concur with the following conditions of approval.

1. If the tool is used sufficient volume cement will be pumped to reach the surface from 3000 ft.
2. A minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 9 5/8" X 13 3/8" annulus.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 11 1994

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

DIVISION OF
OIL GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 ANR Production Company

3. Address and Telephone No.
 P.O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1945'FSL & 1533'FEL, NWSE, Sec. 28- T2S-R6W

5. Lease Designation and Serial No.
 14-20-H62-4622

6. If Indian, Allottee or Tribe Name
 UTE

7. If Unit or CA, Agreement Designation
 Altamont

8. Well Name and No.
 Ute 2-28B6

9. API Well No.
 43-013-31434

10. Field and Pool, or Exploratory Area
 ALTAMONT

11. County or Parish, State
 Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input checked="" type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

IN amendment to Item No. 5, THE PROPOSED CASING AND CEMENTING PROGRAM, of the Application for Permit to Drill, dated 1-14-94, please be advised that operator proposes to run a DV tool @3000' in the 9 5/8" 40:0# S#95 BT&C surface casing to better ensure that cement is circulated to surface.

DATE: 2-14-94
 BY: [Signature]

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

Signed: [Signature] Title: Joseph J. Adamski Environmental Coordinator Date: 2-9-94

(This space for Federal or State office use)

Approved by: _____ Title: _____ Date: _____
 Conditions of approval, if any: _____

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



Coastal
The Energy People

February 4, 1994

RECEIVED
FEB 4 1994
DIVISION OF OIL GAS & MINING

RECEIVED

FEB 14 1994

DIVISION OF
OIL GAS & MINING

Bureau of Land Management
Oil and Gas
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attn: Margie Herrmann

RE: Ute 2-28B6
1945'FSL & 1533'FEL
NWSE Sec. 28-T2S-R6W
Duchesne County, Utah
BIA Lease No. 14-20-H62-4614²³

Dear Sir/Madam,

In amendment to the APPLICATION FOR PERMIT TO DRILL dated 1/14/94 for the referenced well please accept the following information concerning hazardous materials:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Please do not hesitate to contact me if ANR Production Company may provide additional information concerning this well.

Sincerely,

Joseph J. Adamski
Environmental Coordinator

ANR Production Company

ANR Production Company is an Equal Opportunity Employer. M/F/V/H/V. 10/1/83

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: ANR Production Company

Well Name & Number: Ute Tribal 2-28B6

API Number: 43-013-31434

Lease Number: 14-20-H62-4622

Location: NWSE Sec. 28 T. 2S R. 6W

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of **Onshore Oil and Gas Order No. 2** for a **5M, triple ram**, system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. In addition to the aforementioned BOP system, a minimum of a **2M BOP** system shall installed prior to drilling out the 13 3/8 in. conductor and shall remain in use until the surface casing is set. The 2M system shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 2M system. Chart recorders shall be used for all pressure tests.

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

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

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

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

Prior to drilling out the surface casing shoe a Cement Bond Log (CBL) will be run from shoe to surface to determine the top of cement. Approval will not be given to drill out until the Authorized Officer has inspected the log and determined if remedial cementing is required. Submit a field copy of the CBL to this office.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for production liner. The CBL shall be run from total depth to the liner top. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

7. Other Information

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

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

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

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Ute Tribe Energy & Minerals Department is recommending the following criteria to be adhered during all phases of construction activities..

1. Notification from ANR Production Company to the Ute Tribe Energy and Minerals that construction has commenced.
2. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in reports, and to the existing roadways and/or evaluated access routes.
3. All recommendations of the Bureau of Indian Affairs combined site specific environmental analysis report shall be strictly adhered, during and after construction.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. The personnel from the Ute Tribe Energy & Minerals Department should be consulted should cultural remains from subsurface deposits be exposed during construction work.

6.0 MITIGATION STIPULATIONS

1. Before the site is abandoned the company will be required to restore the well pad, access roads, and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on the right-of-way. If noxious weeds spread from the right-of-way, the company will be responsible for their control.
3. After the pipeline has been constructed and the right-of-way re-seeded, vehicular travel over the right-of-way will be limited to that which is absolutely necessary for the maintenance of the pipeline.
4. The pipeline will be constructed by using the following procedures:
 - A) Staging areas will be set up along roads or wellsites. The pipeline is welded in place at the staging area.
 - B) As the pipeline is welded it will be pulled to the next staging area by a suitable piece of equipment. Except for unusual conditions only one trip across the right-of-way with equipment is all that will be required.
5. Paleontology - To protect paleontology resources, surface pipeline construction will not occur when the soil is muddy. It will occur when the soil is either frozen, or dry.

6. Trees will be pushed into a pile off of location where it can be sold.

All well sites, access roads, and pipeline rights-of-way will be cleared by a qualified archaeologist/paleontologist so that cultural sites will be avoided or salvaged.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED
SUBMIT IN THIS DIRECTION
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

JAN 14 1994

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR ~~PLUG BACK~~ OIL GAS & MINING PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN OIL GAS & MINING PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 ANR Production Company

3. ADDRESS OF OPERATOR
 P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1945' FSL & 1533' FEL (NW/SE)
 At proposed prod. zone Same as above. **43-013-31434**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 21.5 miles northwest of Duchesne, Utah.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1533'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640 (2 wells/section)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ± 2300'

19. PROPOSED DEPTH 14,650'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7342' GR

22. APPROX. DATE WORK WILL START* February, 1993

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-4614 ²²

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute Indian Tribe

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 Ute

9. WELL NO.
 2-28B6

10. FIELD AND POOL, OR WILDCAT
 Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 28, T2S-R6W, USB&M

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

PROPOSED CASING AND CEMENTING PROGRAM Cmt Vol = 1.5 Annular Vol

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT **
17-1/2"	13-3/8" K-55	ST&C 54.5#	0-200'	208 CF Class "G"
12-1/4"	9-5/8" S-95	BT&C 40.0#	0-7000'	3288 CF Class "G"
8-3/4"	7" S-95	LT&C 26.0#	6800-10700'	883 CF 50/50 Poz Mix
8-3/4"	5-1/2" S-95	LT&C 23.0#	10700-14650'	1497 CF Class "G"

** Cement volumes may change due to hole size. Calculate from Caliper Log.

Operator proposes to test the Wasatch formation in a prudent manner consistent with State and Federal regulations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company, Nationwide Bond #U768806, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

JAN 17 1994

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Joseph J. Adamski* TITLE Environ. & Regulatory Analyst DATE 1/14/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY *David B. Cleary* TITLE ASSISTANT DISTRICT MANAGER MINERAL DATE FEB 10 1994
 CONDITIONS OF APPROVAL, IF ANY.

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

Div OG&M



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 11, 1994

ANR Production Company
P.O. Box 749
Denver, Colorado 80201-0749

Re: Ute 2-28B6 Well, 1945' FSL, 1533' FEL, NW SE, Sec. 28, T. 2 S., R. 6 W., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-6, (1953, as amended) and the order issued by the Board of Oil, Gas and Mining in Cause No. 139-42 dated April 12, 1985, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after commencing drilling operations.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Reclamation Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2
ANR Production Company
Ute 2-28B6 Well
February 11, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31434.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

Idc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-4622

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

Ute #2-28B6

2. Name of Operator

ANR Production Company

9. API Well No.

43-013-31434

3. Address and Telephone No

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

10. Field and Pool, Or Exploratory Area

Altamont

4. Location of Well (Footage, Sec., T, R, M., Or Survey Description)

1945' FSL & 1533' FEL (NW/SE)

Section 28-T2S-R6W

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Tite Hole Request

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(NOTE Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Operator requests all information concerning this well be tite holed.

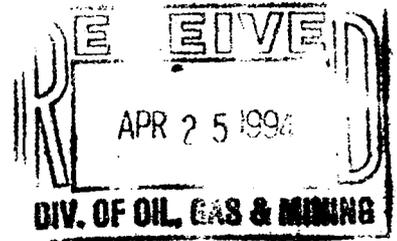
MAR 2 1994

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

Signed Joe Adamski Title Environmental Coordinator Date 02/28/94

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____
Conditions of approval, if any:



April 22, 1994

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203
Attn: Debra Eatchel

Re: Coastal Oil & Gas Corp. &
ANR Production Company
Proposed Drillsites located in
Uintah & Duchesne Counties, Utah

Dear Debra,

As per your telephone conversation with Joe Adamski, please be advised that Coastal/ANR requests that the following wells be held in a Confidential - Tight Hole Status. Your cooperation would be appreciated. The wells are as follows:

1. CIGE #180-16-9-21, SE SW Sec. 16, T9S - R21E, Uintah Co., Utah
2. CIGE #182-7-10-21, SE SE Sec. 7, T10S - R21E, Uintah Co., Utah
3. COG #6-18-9-21 GR, SE NW Sec. 18, T9S - R21E, Uintah Co., Utah
4. COG #8-19-9-21 GR, NE NE Sec. 19, T9S - R21E, Uintah Co., Utah
5. COG #10-30-9-21 GR, SW NE Sec. 30, T9S - R21E, Uintah Co., Utah
6. COG #11-22-9-20 GR, SE NE Sec. 22, T9S - R20E, Uintah Co., Utah
7. NBU #214, NW SW Sec. 27, T9S - R21E, Uintah Co., Utah
8. NBU #215, NW NW Sec. 12, T10S - R21E, Uintah Co., Utah
9. NBU #217, NE SW Sec. 28, T9S - R21E, Uintah Co., Utah
10. Ute #1-27B6, NW/4 Sec. 27, T2S - R6W, Duchesne Co., Utah
11. Ute #1-28B6, NE/4 Sec. 28, T2S - R6W, Duchesne Co., Utah
12. Ute #2-28B6, SE/4 Sec. 28, T2S - R6W, Duchesne Co., Utah
13. Ute #2-21B6, NE/4 Sec. 21, T2S - R6W, Duchesne Co., Utah
14. Ute #2-22B6, SE/4 Sec. 22, T2S - R6W, Duchesne Co., Utah
15. Ute #2-33B6, NE/4 Sec. 33, T2S - R6W, Duchesne Co., Utah

Permitco Incorporated
A Petroleum Permitting Company

April 22, 1994
Utah Division of Oil, Gas & Mining
Page 2

If you should have any questions, please contact Joe Adamski at 303/573-4476.

Sincerely,

PERMITCO INC.



Lisa L. Smith

Consultant for:

Coastal Oil & Gas Corp.

ANR Production Co.

cc: Joe Adamski



Permitco

Permitco Incorporated
A Petroleum Permitting Company

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886

Blacktail Prospect
Duchesne County, UT
Parker #232/Unibar

WI: 100% ANR AFE: 00142

ATD: 14,550' SD: 3/25/94

Csg: 13 $\frac{3}{8}$ " @ 233' GL, 9 $\frac{5}{8}$ " @ 7193'
7" & 5 $\frac{1}{2}$ " @ 14,546'

DHC(M\$): 1,251.5

Section 28-T2S-R6W

2/16-18/94 Building location.

2/20/94 211' GL. WORT. Spud well @ 10:30 AM, 2/19/94, w/Leon Ross Drlg Co. Drill 17 $\frac{1}{2}$ " hole to 220'. RIH w/5 jts 13 $\frac{3}{8}$ " 54.5# 8RD ST&C. Tally ran = 213.04. Set @ 211' GL. Insert FC @ 169'. RU Howco. Mix & pmp 280 sx type "V" AG w/2% CaCl₂ $\frac{1}{4}$ #/sx Flocele, yield 1.18, 15.6# gal. Disp w/26 bbl H₂O. Circ 10 bbl cmt to pit. Cmt in place @ 6:00 PM, 2/20/94. CC: \$25,906.

2/22-3/17 WORT. CC: \$25,906.

3/18/94 WO CIP approval.

3/21-23 RU drlg rig.
Expect to spud 3/25/94.

3/24/94 211' GL. MI RURT. Should spud 3/25/94. CC: \$103,532.

3/25/94 211' GL. RURT. Weld on csg hd. Should spud this PM. CC: \$129,147.

3/26/94 426' Install rot hd. Drlg frm @ 11:30 PM, 2/25/94. 193 $\frac{1}{4}$ hrs. Blow out rat & mouse hole w/air. NU BOP, function test diverter system, witnessed by J. Barnes. PU BHA, install rot hd. Unload hole, test lines to 1200 psi. Drill insert float, cmt, shoe tag cmt @ 172'. Drlg. Pulled rot hd rubber into change out same. Drlg. LD 5 jts DP, PU 5 DC's, 8 $\frac{1}{2}$ " OD, install rot hd. Air mist. CC: \$160,783.

3/27/94 629' Mill on junk. 203 $\frac{1}{2}$ hrs. PU 8 $\frac{1}{2}$ DC, install rot hd. Drlg. Service rig. WL svy. Drlg. Change rot hd, lost all 8 bolts out of drive bushing. Circ hole clear w/air. WL svy. TOOH, 3 bolts jammed in bit. TIH w/11 $\frac{1}{2}$ " OD magnet & junk sub. Work junk & circ. TOOH, rec 1 bolt in magnet. TIH w/11 $\frac{1}{2}$ " OD magnet & junk sub. Circ & work junk. TOOH, rec nothing, LD magnet. PU 12 $\frac{1}{4}$ " flat btm mill, TIH. W&R @ 544', TIH. Mill from 619' to 629', work junk. Air mist. Svys: 1 $\frac{1}{4}$ ° @ 475', 1 $\frac{1}{2}$ ° @ 570'. CC: \$186,074.

3/28/94 1902' Drlg 1273 $\frac{1}{2}$ /19 hrs. TOOH w/mill, rec 1 bolt in junk sub. TIH. Drlg. Service rig. Drlg, WL svy. Drlg, WL svy. Drlg, WL svy. Drlg. Hit H₂O @ 1550'. Air mist. Svys: 2 $\frac{1}{4}$ ° @ 1038', 3 $\frac{1}{2}$ ° @ 1525', 3° @ 1850'. CC: 207,569.

3/29/94 2770' Drlg 868 $\frac{1}{2}$ /19 $\frac{1}{2}$ hrs. Drlg bit bouncing & torquing up. TOOH to check bit - ok. TIH. Drlg. Service rig. Drlg. Fish slip insert out top rot hd. Drlg. Survey. Drlg. Air mist. Svy: 3 $\frac{1}{4}$ ° @ 2370'. CC: 230,503.

3/30/94 3230' Drlg 460 $\frac{1}{2}$ /17 hrs. Drlg. Trip for string float. Svy. Attempt to break circ, bit plugged. TOOH. Unplug bit sub, shack sub, 6' btm DC scale & rust from DP. MU new bit, TIH. W&R 75' to btm, hole out of gauge. Drlg. Air mist. Svy: 3 $\frac{1}{4}$ ° @ 2864'. CC: \$251,803.

3/31/94 3648' Drlg 418 $\frac{1}{2}$ /22 $\frac{1}{2}$ hrs. Drlg, service rig. Drlg, svy. Drlg, svy. Drlg. Air mist. Svys: 2 $\frac{1}{4}$ ° @ 3307', 2 $\frac{1}{2}$ ° @ 3510'. CC: \$266,191.

4/1/94 4090' Drlg 442 $\frac{1}{2}$ /22 $\frac{1}{2}$ hrs. Drlg, service rig. Drlg, svy. Drlg, change rot hd rubber. Drlg. Res pit full, will shut air off this AM to see if we can get rid of some water. Aerated water. Svy: 2 $\frac{1}{4}$ ° @ 3751'. CC: 284,317.

4/2/94 4419' TOOH, twisted off lost 60,000# string wt. 329 $\frac{1}{2}$ /21 $\frac{1}{2}$ hrs. Drlg, service rig. Drlg, svy. Drlg w/H₂O & aerated H₂O. Lost 60,000# string wt. TOOH to PU fshg tools. H₂O/Aerated water. Svy: 2° @ 4230'. CC: \$294,374.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 2

- 4/3/94 4488' Drlg 69'6½ hrs. Slip & cut drlg line. TOOH Magnaflex DC's #7-8 Cr Box. DC #8 broken box pin. Top fish @ 3962'. PU fshg tools, TIH w/10½" O/S, bumper sub & tongs. Fish - PU same, came off btm free. TOOH w/fish, LD fshg tools. TOOH w/fish, check DC's, LD #11 Cr Box & pin #12 Cr Box. PU DC's & jars, TIH. W&R 65' to btm, no fill. Drlg w/aerated H₂O. CC: \$326,504.
- 4/4/94 4842' Drlg 354'/23 hrs. Drlg, service rig. Drlg, svy. Drlg. Aerated H₂O. Svy: 1½° @ 4734'. CC: \$336,146.
- 4/5/94 5215' Drlg 373'/23½ hrs. Drlg, service rig. Drlg. Mud Logger on @ 5000'. Uintah, BGG 15U, ConnG 30U, 10% ss, 20% ls, 70% sh. MW 8.4, vis 27, aerated H₂O. CC: \$348,992.
- 4/6/94 5514' Drlg 299'/23½ hrs. Drlg w/air & H₂O, service rig. Drlg w/air & H₂O. GR 90% sh, 10% ss, BGG 50, Conn 650. Shows: #1 5270-80', ROP 3½-1½-3½, BGG 15-240-20, TR fluor wk cut; #2 5360-76', ROP 4½-2½-5, BGG 20-300-20, TR fluor no cut; #3 5428-38', ROP 7-3½-7, BGG 20-360-50, TR fluor no cut. MW 8.4, vis 27, aerated H₂O. CC: \$361,083.
- 4/7/94 5784' Drlg w/air & H₂O. 270'/16½ hrs. Drlg w/H₂O, no returns. D/svy & TOOH for bit. Chng bit & TIH w/bit. W&R 20' to btm. Drlg w/air & H₂O. Circ & WL svy @ 5541'. Drlg w/air & H₂O. GR 50% ss, 40% sh, 10% ls, BGG 100, Conn 400, TG 400. Show #4 5608-26', ROP 5-1½-3½, BGG 60-300-100, TR blk oil, no fluor, wk cut. MW 8.4, vis 27, aerated wtr. Svy: 1½° @ 5541'. CC: \$391,549.
- 4/8/94 6193' Drlg w/air & H₂O. 409'/23 hrs. Drlg w/air & H₂O. WL svy @ 6060'. Drlg w/air & H₂O. GR 60% ss, 40% sh, BGG 100, Conn 220. Shows: #5 5764-76', ROP 3-1½-3½, BGG 80-580-100, TR blk oil, TR fluor, wk cut; #6 5890-99', ROP 2½-1½-2½, BGG 120-270-120, TR blk oil, TR fluor, wk cut; #7 5956-68' ROP 3-1½-2, BGG 120-240-120, TR blk oil, TR fluor, wk cut. MW 8.4, vis 27. Svy: 3° @ 6060'. CC: \$402,278.
- 4/9/94 6498' Drlg w/air & H₂O. 305'/23½ hrs. Drlg w/air & H₂O. Circ & WL svy @ 6290'. Drlg w/air & H₂O. GR 70% sd, 30% sh, BGG 75, Conn 220. Shows: #8 6256-66', ROP 5-2½-5, BGG 50-90-50, TR blk oil, TR fluor, wk cut; #9 6412-26', ROP 5-2-4½, BGG 100-180-100, TR blk oil, TR fluor, wk cut; #10 6446-60', ROP 4½-1½-5, BGG 100-220-100, TR blk oil, TR fluor, wk cut. MW 8.4, vis 27, pH 10.5, ALK 4.0/8.4, CL 5200, Ca 56. Svy 2½° @ 6290'. CC: \$418,620.
- 4/10/94 6742' Drlg w/air & H₂O. 244'/15½ hrs. Drlg w/air & H₂O. Drop svy & TOOH for bit. Change bit & TIH w/bit. W&R 35' to btm. Drlg w/air & H₂O, circ & WL svy @ 6649' MSF. Drlg w/air & H₂O. GR 80% ss, 20% sh, BGG 100, Conn 220, TG 350. Shows: #11 6498-6506', ROP 4½-1½-4½, BGG 80-160-80, TR blk oil, TR fluor, wk cut; #12 6520-38', ROP 3½-1½-3½, BGG 90-200-80, TR blk oil, TR fluor, wk cut; #13 6554-66', ROP 3½-1½-4, BGG 80-100-70, TR blk oil, 10% fluor, wk cut; #14 6604-20', ROP 4-1½-5, BGG 70-200-100, TR blk oil, 10% fluor, wk cut. MW 8.4, vis 27, pH 10.5, ALK 5.0/9.2, CL 4800, Ca 48. CC: \$439,787.
- 4/11/94 7100' Drlg w/air & H₂O. 358'/23½ hrs. Drlg w/air & H₂O. Circ & WL svy @ 6756'. Drlg w/air & H₂O. GR 70% ss, 30% sh, BGG 150, Conn 220. Show #15: 6896-6914', ROP 7½-2½-6½, BGG 80-200-150, TR blk oil, 10% fluor, wk cut. MW 8.5, vis 27, pH 11.0, ALK 6.4/15.4, CL 10,000, Ca 68. Svy: 2° 2 6756'. CC: \$450,952.
- 4/12/94 7200' TOH w/BHA to run csg. 100'/7 hrs. Drlg w/air & H₂O, RS. Drlg w/air & H₂O. Circ & cond for logs w/no returns. TOOH for logs & SLM out strap 7201, no corr. RU Schlumberger & run DLL-SP & sonic from TD to 5000' & CAL-GR to surface logger TD 7195', temp 104°, FL 2800'. RD logger. TIH w/bit & change out jars. Circ & cond for csg w/no returns. POOH for csg. GR 60% sd, 40% sh, BGG 100, Conn 200. MW 8.5, vis 27, pH 10.5, ALK 9.6/27.7, CL 15,000, Ca 100. CC: \$479,213.
- 4/13/94 7200' WOC. DV tool @ 3018', pkr @ 3022'. POOH for csg. RU, LD mech & LD 8½" DC & pull wear ring. RU T&M csg tools. Run 9½" 40# CF-95 Butt R-3. Run 104

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 3

- jts w/FS, FC & 5 cent. PU 9 5/8" CTC csg pkr, DV tool & run 73 jts 9 5/8" 40# CF-95 Butt R-3, w/4 cent, total ft. 7204.91. RU Halliburton & circ w/no returns. Cmt 1st stage w/325 sx Hi-fill cmt, WT 11#/gal, yld 3.82 CF/sx, followed by 675 sx 50-50 POZ w/2% gel, 10% salt, 1/4#/sx Flocele, 0.3% Halad 322, WT 14.2#/gal, yld 1.29 CF/sx. Pmp tail cmt w/200 sx Class H w/1/4# per sx Flocele. Drop plug & disp w/542 bbls FW. Pmp plug w/500 psi, no lift, circ, cmt returns. Pkr open w/1400 psi, inflate w/0.6 bbl. Drop bomb & open DV tools. Cmt 2nd stage w/675 sx Hi-fill cmt, WT 11#/gal, yld 3.82 CF/sx. Pmp tail cmt w/200 sx Premium type 5 cmt w/2% CaCl₂, 1/4#/sx Flocele, WT 15.6#/gal, yld 1.18 CF/sx. Drop plug & disp w/229 bbls FW. Pmp plug w/2000 psi, no circ, cmt returns & lift. WOC from Vernal. MW 8.5, vis 27, pH 11.0, ALK 9.5/22, CL 15,000, Ca 48. CC: \$519,702.
- 4/14/94 7200' PT BOPE. WOC. Run 200' 1" pipe, cmt w/90 sx Hi-fill cmt, WT 11#/gal, yld 3.82 CF/sx, 200 sx Thioxotropic, WT 13.7#/gal, yld 1.80 CF/sx. WOC. Run 200' 1" pipe, cmt w/200 sx Thioxotropic, WT 13.7#/gal, yld 1.80 CF/sx. WOC. Run 200' 1" pipe, cmt w/150 sx type 5 Premium AG cmt, WT 15.6#/gal, yld 1.18 CF/sx. WOC. Run 189' 1" pipe, cmt w/ 60 sx type 5 Premium AG cmt, WT 15.6#/gal, yld 1.18 CF/sx. ND BOPE & set slip. NU 9 5/8" csg hd. NU BOPE. PT BOPE. MW 8.5, vis 27, pH 10.5, ALK 8.5/21.5, CL 15,000, Ca 64. CC: \$721,537.
- 4/15/94 7200' POOH w/bit for CBL. PT chk manifold 5000 psi 10 min--ok; csg 1500 psi 30 min--ok; all rams, BOPs, valves, HCR valve, upper & lower kelly cock, safety valve 5000 psi 10 min--ok; & Hyd 2500 psi 10 min--ok. PU bit, JS, BS & 16-6 1/2 DC. Magna flux DC, LD 6 cracked DC. TIH w/ bit. Drlg cmt, DV tool & PT csg 1500 psi 10 min--ok. TIH w/bit to 6989'. Drlg cmt to float. Circ btm up. POOH for CBL. MW 8.5, vis 27, pH 10.5, ALK 8.6/22.3, CL 15,000, Ca 52. CC: \$756,169.
- 4/16/94 7425' Drlg w/air & H₂O. 225'/9 hrs. TOOH w/bit for CBL. RU OWP & run CBL from FC to surf, logger TD 7140', cmt 7140-4680', 4680-3040' free pipe from DV tool, 3030-1870' cmt, 1870-1550' free pipe, 1550'-surf csg, cmt & RD logger. PT csg 1500 psi 30 min, ok. PU bit, 3 pt, IBS, TIH w/bit, place DP rubbers on 50 std. Pull function test on BOP's for BLM. Drlg FC, cmt & shoe. Drlg 10' fm 7200-7210'. No shoe test pmp 4 bbls H₂O, no press. Drlg w/air & H₂O, GR 60% sh, 40% ss, BGG 360, Conn 1400, TG 50. MW 8.5, vis 27, pH 11.0, ALK 9.0/21.5, CL 14,000, Ca 48. CC: \$778,097.
- 4/17/94 7835' Drlg w/air & H₂O. 410'/22 1/2 hrs. Drlg w/air & H₂O. RS & check BOP's. Drlg w/air & H₂O, circ & WL svy @ 7558'. Drlg w/air & H₂O. GR 60% sh, 40% ss, BGG 100, Conn 500. Shows: #20 7428-50', ROP 3 1/2-1-3 1/2, BGG 200-500-200, TR blk oil, 20% fluor, wk cut; #21 7468-82', ROP 3 1/2-1-3 1/2, BGG 200-500-200, TR blk oil, 20% fluor, wk cut. MW 8.7, vis 27, pH 11.0, ALK 12.8/36, CL 20,000, Ca TR. Svy: 2 1/2° @ 7558'. CC: \$793,991.
- 4/18/94 8215' Drlg w/H₂O & no returns. 380'/23 hrs. Drlg w/air & H₂O. RS & check BOP's. Drlg w/air & H₂O, cut air off 11:00 PM. Lost 600 psi after conn pmp solf line & check pmp & surf equip. Drlg w/H₂O & no returns, lost @ 8136'. GR 70% sd, 30% sh, BGG 70, Conn 400-600. Shows: #22 7894-7906', ROP 3-1-4 1/2, BGG 100-200-100, TR brn oil, 10% fluor, wk cut; #23 8022-30', ROP 5-2 1/2-4 1/2, BGG 75-300-75, TR blk oil, 10% fluor, wk cut; #24 8120-28', ROP 4-2 1/2-4 1/2, BGG 72-300-75, TR blk oil, 10% fluor, wk cut. MW 8.8, vis 27, pH 10.5, ALK 14.1/36.7, CL 25,000, Ca TR. CC: \$809,905.
- 4/19/94 8381' TIH w/bit. 166'/10 hrs. Drlg w/H₂O, no returns. Pmp gel & LCM sweep. Drlg w/air & H₂O. RS & check BOP's. Drlg w/air & H₂O. Load hole w/H₂O & pmp gel & LCM pill, no returns. POOH w/bit, LD 24 jts DP, pull rubber off DP. Change bit, work rams & TIH w/bit. Cut drlg line. TIH w/bit, PU 24 jts DP & rubber DP. 1850 psi @ 10:05 PM. GR 60% ss, 40% sh, BGG 50, Conn 200. MW 8.8, vis 27, pH 10.5, ALK 12.3/31.6, CL 25,000, Ca 40. CC: \$823,343.
- 4/20/94 8885' Drlg. 504'/21 hrs. Brk circ & W&R from 8290-8381'. Drlg w/aerated wtr, RS. Drlg w/ aerated wtr to 8641'. WL svy @ 8604'. Drlg w/aerated wtr, ran LCM sweeps @ 8846' & 8712'. GR 60% sh, 40% ls, BGG 60, CG 200, TG 1000. Shows: #26 8514-24', ROP 3 1/2-1-2 1/2, BGG 100-200-150, TR blk oil, TR fluor, wk cut; #27 8572-

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 4

- 94', ROP 2½-1-3, BGG 150-200-150, TR blk oil, TR fluor, wk cut. MW 8.8, vis 27, ALK 11.3/29.3, CL 23,000, Ca 48. Svy: 3½° @ 8604'. CC: \$841,029.
- 4/21/94 9316' Drlg. 431'/22½ hrs. Drlg w/aerated wtr. RS, function test BOP's. Drlg w/wtr, mix LCM sweeps @ 8950' & 9000'. Hole circ w/90% returns. Start mud up @ 9020'. Repairs: valve in stand pipe & FL valve. Drlg from 9086'-9316', tight on conn @ 9117' & 9148'. GR 90% sh, 10% ls, BGG 10, CG 40. Lost approx 150 bbls of mud after mud up. MW 8.8, vis 34, FL 48.8, PV 4, YP 2, LCM TR, solids 1%, pH 10.5, ALK 11.8/32.8, CL 25,000, Ca 40, gels 0/1, wall cake 2/32ND. CC: \$856,366.
- 4/22/94 9483' Drlg. 167'/11 hrs. Drlg 9316'-9399', tight conn @ 9368'. RS & check BOP's. Drlg. Totco & slug pipe. Trip for bit #10, gauge tool jts, LD & PU 18 jts DP, W&R 65' to btm. Drlg 9461'-9483'. GR 90% sh, 10% ls. Show #28 9342-70', ROP 4-2½-3½, BGG 30-60-30, 10% fluor, wk cut. BGG 20, CG 50, TG 250. Lost approx 300 bbls mud last 24 hrs. MW 8.9, vis 30, FL 62.4, PV 4, YP 4, LCM 2%, solids 2%, pH 10.5, ALK 10/27.4, CL 23,000, Ca 32, gels 1/2, wall cake 2/32ND. Svy: 4½° @ 9419'. CC: \$896,439.
- 4/23/94 9628' Drlg. 145'/16 hrs. Drlg 9483'-9487', RS. Drlg 9487'-9496'. Trip for bit #11, no fill. Drlg 9496'-9628'. GR 90% sh, 10% ls, BGG 20, CG 70, TG 150. Shows: #29 9524-32', ROP 4-2½-4, BGG 50-70-50, TR fluor, wk cut, no oil show; #30 9560-66', ROP 4-2½-4½, BGG 40-70-40, TR fluor, wk cut, no oil show. No mud lost last 24 hrs. MW 8.8, vis 33, FL 52, PV 5, YP 5, LCM 1.5%, solids 2%, pH 10.5, ALK 8.4/24.3, CL 22,000, Ca 32, gels 1/3, wall cake 2/32ND. CC: \$917,190.
- 4/24/94 9888' Drlg. 260'/20 hrs. Drlg, RS, check BOP's. Drlg, lost circ @ 9880'. Mix mud & LCM pills, regain full circ, lost 450 bbls of mud. Drlg. GR 90% sh, 10% ls, BGG 10, CG 30. Shows: #31 9664-88', ROP 5½-2½-4, BGG 10-40-10, TR fluor, wk cut, no oil; #32 9756-70', ROP 4½-2½-5, BGG 10-35-10, TR fluor, wk cut, no oil. MW 8.8, vis 37, FL 37.6, PV 7, YP 11, LCM 5%, solids 2%, pH 10.5, ALK 6.2/18.8, CL 17,000, Ca 36, gels 2/6, wall cake 2/32ND. CC: \$929,284.
- 4/25/94 10,176' Drlg. 288'/23½ hrs. Drlg, RS & check BOP's. Drlg. GR 80% sh, 20% sd, BGG 10, CG 20. Shows: #33 9918-40', ROP 4-2½-4½, BGG 10-70-10, TR fluor, wk cut, no oil; #34 9954-70', ROP 5-2-5, BGG 10-50-10, 30% fluor, gd cut, no oil; #35 10,088-104', ROP 6-2½-6, BGG 10-20-10, 20% fluor, wk cut, no oil; #36 10,122-40', ROP 7½-2½-7, BGG 10-30-10, 30% fluor, wk cut, no oil. Lost 100 bbls mud last 24 hrs. MW 8.9, vis 34, FL 36, PV 6, YP 12, LCM 10%, pH 10, ALK 5.9/17.1, CL 16,000, Ca 12, gels 8/10, wall cake 2/32ND. CC: \$941,297.
- 4/26/94 10,332' Tripping in hole w/bit #12. 156'/15 hrs. Drlg, RS & check BOP's. Drlg. Repairs - dwks blower motor. Drlg. Totco, TOOH for bit #12, LD 30 jts 5" 19.5# S135 DP. Chng out bit, 3 pt & 1 IBS. PU 3 DC's & TIH w/BHA. GR 90% sh, 10% ss, BGG 10, CG 20. Show #37 10,298-312', ROP 5-1-5½, BGG 10-40-10, 10% fluor, wk cut, no oil. Lost approx 50 bbls mud last 24 hrs due to fractures. MW 9.0, vis 33, FL 40, PV 6, YP 8, LCM 8%, solids 3.5%, pH 10, ALK 5.6/16, CL 16,000, Ca 16, gels 5/5, wall cake 2/32ND. Svy: 3° @ 10,309'. CC: \$956,787.
- 4/27/94 10,442' Drlg. 110'/10½ hrs. TIH. Repairs - dwks clutch. PU 27 jts 19.5# "E" DP & TIH, hit bridge @ 9392'. W&R 9392'-10,332' (9392'-9950' slow reaming, 9951'-10,332' very few tight spots). Drlg 10,332'-10,442'. Fm M-1 marker 90% sh, 10% sd, top of M-1 marker 10,290', BGG 10, CG 45, TG 40. Show #38 10,388-96', ROP 5½-3-5½, BGG 10-50-10, TR fluor, wk cut, no oil. No mud lost last 24 hrs. MW 8.9, vis 33, FL 32.8, PV 6, YP 9, LCM 8%, solids 4%, pH 10, ALK 5.1/16, CL 14,000, Ca 40, gels 3/6, wall cake 2/32ND. CC: \$971,346.
- 4/28/94 10,622' Drlg. 180'/19 hrs. Drlg, RS. Drlg. Lost circ (fracture) @ 10,618'. Mix & pmp LCM, regain circ. Lost approx 500 bbls. Drlg, RS. GR 50% lm, 30% sh, 20% ss, BGG 10, CG 20. Show #39 10,537-56', ROP 8-3-7, BGG 10-20-10, 80% fluor, fair cut, no oil. Total mud lost last 24 hrs: approx 500 bbls. MW 9.0, vis 35, FL 25, PV 7, YP 3, LCM 20%, solids 4%, pH 10.5, ALK 5.1/13.5, CL 13,500, Ca 72, gels 2/2, wall cake 2/32ND. CC: \$984,446.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 5

- 4/29/94 10,830' Drlg. 208'/24 hrs. Drlg. Fm: 80% sh, 20% sd, BGG 5, CG 10. Shows: #40 10,624-34', ROP 7-2-9, BGG 10-100-10, TR fluor, very wk cut, no oil; #41 10,712-22', ROP 8-1-10, BGG 10-40-10, 40% fluor, wk cut, no oil. MW 9.0, vis 34, FL 20, PV 7, YP 8, LCM 8%, solids 4%, pH 10, ALK 4.8/14.3, Lm 12.5, CL 13,000, Ca 20, gels 2/5, wall cake 2/32ND. CC: \$994,959.
- 4/30/94 10,945' LD BHA (10 DC's left in hole). 115'/16½ hrs. Drlg, RS. Drlg. Totco TOOH & LD BHA. 70% sh (20% rods), 30% ss, BGG 10, CG 18. Show #42 10,846-64', ROP 10-3-8, BGG 5-35-10, no fluor, no cut, no oil. MW 9.1, vis 36, FL 20, PV 8, YP 13, LCM 6%, pH 10.5, ALK 5.0/16.5, CL 14,000, Ca 20, gels 5/10, wall cake 2/32ND. CC: \$1,011,449.
- 5/1/94 11,040' Drlg. 95'/9 hrs. Finish LD BHA. PU BHA for 7½" hole. TIH to 4000'. Cut DL. PU 21 jts DP & TIH to 10,900', change DP rubbers, lost circ while TIH. Lost circ - mix mud & LCM. Wash to btm (90% returns), drlg w/100% returns. Wasatch 90% sh (70% rods), 10% ss, BGG 10, CG 20, TG 160. No shows. Lost 800 bbls mud last 24 hrs. MW 9.0, vis 34, FL 32, PV 6, YP 4, LCM 6%, solids 4%, pH 10.5, ALK 5.0/15.5, Lm 0.2, CL 14,000, Ca 64, gels 2/4, wall cake 2/32ND. Svy: 3¼° @ 10,915'. CC: \$1,048,765.
- 5/2/94 11,190' Drlg. 150'/23½ hrs. Drlg, RS. Drlg. Wasatch 80% sh, 20% sd, BGG 5, CG 10. No shows. No mud lost last 24 hrs. MW 8.9, vis 34, FL 20.8, PV 7, YP 8, LCM 8%, solids 3.5%, pH 11, ALK 5.6/14.6, Lm 0.23, CL 14,000, Ca 40, gels 3/6, wall cake 2/32ND. CC: \$1,058,837.
- 5/3/94 11,355' TFNB. 165'/21½ hrs. Drlg, RS. Drlg. Spot 50 bbls LCM pill on btm & slug pipe. TOOH. Wasatch 90% sh, 10% ss, BGG 5, CG 10. Show #43 11,240-52', ROP 6½-3½-6, BGG 5-15-5, no fluor, cut, or oil. No mud lost last 24 hrs. MW 9.0, vis 36, FL 20, PV 9, YP 9, LCM 8%, solids 4%, pH 11, ALK 6.3/16, Lm 0.1, CL 14,000, Ca 20, gels 5/10, wall cake 2/32ND. CC: \$1,077,953.
- 5/4/94 11,555' Drlg. 200'/15½ hrs. TOOH FNB. PU bit, change DC. TIH w/PDC. W&R 39' to btm, no fill. Drlg. Wasatch 90% sh, 10% ss, BGG 10, CG 15, TG 160, 80% Red. No shows. MW 9.0, vis 36, FL 18.8, PV 7, YP 14, LCM 8%, solids 5%, pH 11.5, ALK 6.2/15, Lm 0.2, CL 15,000, Ca TR, gels 8/8, wall cake 2/32ND. CC: \$1,100,325.
- 5/5/94 11,880' Drlg. 325'/23½ hrs. Drlg. RS & check BOP's. Drlg. Lost 60 bbls last 24 hrs. Wasatch 90% sh, 10% ss, BG 5, CG 10. MW 9.1, vis 34, FL 20.4, PV 7, YP 16, LCM 6%, solids 5.7%, pH 11.5, ALK 7.0/14, CL 14,000, Ca TR, gels 12/8, wall cake 2/32ND. CC: \$1,100,687.
- 5/6/94 11,965' Drlg. 85'/12½ hrs. Drlg. RS & check BOP's. Drlg. Pmp pill & svy. TOOH w/PDC. WO PDC, check stab & work rams. TIH w/PDC & change DP rubbers. W&R 17' to btm, no fill. Drlg. Lost 100 bbls in 24 hrs. Wasatch 80% sh, 10% ss, 10% ls, BG 5, CG 10. Show #44 11,908-18', ROP 4½-2½-6½, BGG 5-40-5, no oil, no fluor, no cut. MW 9.1, vis 38, FL 8.8, PV 7, YP 18, LCM 5%, solids 6%, pH 12.0, ALK 7.8/13.5, Lm 0.18, CL 15,000, Ca TR, gels 9/9, wall cake 2/32ND. Svy: 3¼° @ 11,850'. CC: \$1,111,915.
- 5/7/94 12,106' Drlg. 141'/23½ hrs. Drlg. RS & check BOP's. Drlg. Wasatch 90% sh, 10% ss, BG 4, CG 8, TG 50. MW 9.3, vis 30, FL 8.0, PV 4, YP 4, LCM 8%, solids 6%, pH 12.5, ALK 8.8/10.5, Lm 3.4, CL 13,000, Ca 28, gels 0/1, wall cake 2/32ND. CC: \$1,129,599.
- 5/8/94 12,165' Drlg. 59'/10½ hrs. Drlg. Pmp pill, TOOH PDC & work tight hole from 12,117'-11,741'. Change bit, RS, & work rams. TIH w/PDC & change jars. W&R from 12,064'-12,109'. Lost returns, mix LCM pill, pmp @ 20 to 30% & W&R from 12,109'-12,117'. Drlg. Lost 600 bbls last 24 hrs. Wasatch 90% sh, 10% ss, BG 4, CG 8, TG 70. MW 9.3, vis 34, FL 8.0, PV 7, YP 4, LCM 12%, solids 6%, pH 12.5, ALK 7.5/11.5, Lm 1.1, CL 14,000, Ca 12, gels 0/1, wall cake 2/32ND. CC: \$1,148,776.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 6

- 5/9/94 12,233' PT BOPE & prep to TIH w/new bit. 68'/16½ hrs. Drlg. RS & work BOP's. Drlg & spot LCM pill on btm. Pmp pill & TOOH w/PDC. Pull wear ring & PT blind rams, BOPE valves, ack valves, manifold valves 5000 psi 10 min, ok. Lost 60 bbbls last 24 hrs. Wasatch 90% sh, 10% ss, BG 4, CG 8. Show #45 12,182-94', ROP 7-3½-13, BGG 4-30-4, no oil, no fluor, no cut. MW 9.0, vis 38, FL 8.0, PV 8, YP 12, LCM 9%, solids 4%, pH 12.0, ALK 6.5/10.5, Lm 1.5, CL 12,500, Ca TR, gels 3/8, wall cake 2/32ND. CC: \$1,160,471.
- 5/10/94 12,313' Drlg. 80'/12½ hrs. Finish PT pipe rams, upper & lower kelly cock, BOP's, valves to 5000 psi, 10 min, ok & HYD to 2500 psi, 10 min, ok. Install wear bushing. PU bit, 3-6¼" DC & TIH w/bit to 7000'. Cut drlg line. PU kelly, break circ @ 7000'. Finish TIH w/bit. W&R to btm from 12,158'-12,233', 5' fill. Drlg. Wasatch 90% sh, 10% ss, BG 4, CG 8, TG 225. MW 9.1, vis 34, FL 12, PV 7, YP 6, LCM 10%, solids 5%, pH 12.0, ALK 5.1/10.2, Lm 1.13, CL 12,800, Ca TR, gels 2/5, wall cake 2/32ND. CC: \$1,181,260.
- 5/11/94 12,456' Drlg. 143'/23½ hrs. Drlg. RS & check BOP's. Drlg. Wasatch 90% sh, 10% ss, BG 4, CG 8. MW 9.3+, vis 36, FL 10.4, PV 8, YP 7, LCM 10%, solids 6%, pH 12.0, ALK 4.5/9.0, Lm 1.2, CL 12,500, Ca TR, gels 2/6, wall cake 2/32ND. CC: \$1,192,438.
- 5/12/94 12,603' Drlg. 147'/23 hrs. Drlg. RS & work BOP's. Drlg. 20 bbbls mud gain, check for flow, well not flowing, BOP, drill. Drlg. Lost 75 bbbls last 24 hrs. Wasatch 80% sh, 20% sd, BG 3, CG 6. Show #46 12,450-60', ROP 10-6½-9½, BGG 4-40-4, no oil, 10% fluor, wk cut. MW 9.4, vis 34, FL 11.2, PV 8, YP 4, LCM 10%, solids 7%, pH 12.0, ALK 4.4/9.2, Lm 1.75, CL 12,000, Ca 20, gels 1/2, wall cake 2/32ND. CC: \$1,203,539.
- 5/13/94 12,713' Drlg. 110'/18½ hrs. Drlg. RS & work BOP's. Drlg lost returns @ 12,670'. Mix & pmp 25-30% LCM pills, lost 900 bbbls mud. Drlg lost returns @ 12,673'. Mix & pmp LCM pills w/30% LCM. Drlg. Lost a total of 1200 bbbls of mud in last 24 hrs. Wasatch 80% sh, 20% ss, BG 20, CG 125, DT-LCZ 30. Show #47 12,670-78', ROP 9-5-14, BGG 3-350-20, no oil, TR fluor, wk cut. MW 9.0, vis 37, FL 11.2, PV 8, YP 6, LCM 10%, solids 4%, pH 11.5, ALK 2.4/4.8, Lm 1.4, CL 8,000, Ca TR, gels 3/7, wall cake 2/32ND. CC: \$1,212,781.
- 5/14/94 12,800' Drlg. 87'/15 hrs. Drlg & spot 80 bbbls LCM pill. Pmp pill & TOOH w/bit. RS, work rams, change bit & gauge IBS. TIH w/bit & wash 39' to btm, no fill. Drlg. Lost 40 bbbls last 24 hrs. Wasatch 80% sh, 20% sd, BG 12, CG 30, TG 350. MW 9.0+, vis 36, FL 8.4, PV 8, YP 4, LCM 10%, solids 4%, pH 11.5, ALK 1.0/1.8, Lm 0.8, CL 8,000, Ca TR, gels 1/2, wall cake 2/32ND. CC: \$1,239,603.
- 5/15/94 12,952' Drlg. 152'/23½ hrs. Drlg. RS & function test BOP's. Drlg. Lost 20 bbbls @ 12,914-15'. Wasatch 70% sh, 20% ss, 10% ls, BG 6, CG 10, no shows. MW 9.1+, vis 37, FL 7.0, PV 9, YP 6, LCM 10%, solids 5%, pH 11.5, ALK 0.8/1.5, Lm 0.73, CL 9,000, Ca 20, gels 0/2, wall cake 2/32ND. CC: \$1,253,775.
- 5/16/94 13,102' Drlg. 150'/23½ hrs. Drlg. RS, work BOP's & drill. Drlg. Wasatch 80% sh, 20% ss, BG 4, CG 8. Show #48 12,968-74', ROP 11-9-11, BG 5-15-5, no oil, no fluor, wk cut. MW 9.2, vis 38, FL 6.4, PV 11, YP 6, LCM 8%, solids 5%, pH 11.5, ALK 0.9/1.6, Lm 1.1, CL 7,500, Ca 60, gels 1/1, wall cake 2/32ND. CC: \$1,264,573.
- 5/17/94 13,227' Drlg. 125'/23½ hrs. Drlg. RS & check BOP's. Drlg. Wasatch 90% sh, 10% ss, BG 8, CG 16. Show #49 13,088-98', ROP 11½-4-11½, BGG 4-40-4, no oil, no fluor, no cut. MW 9.3, vis 37, FL 7.2, PV 11, YP 4, LCM 5%, solids 6%, pH 12.0, ALK 1.7/3.3, Lm 1.2, CL 7,000, Ca 56, gels 0/1, wall cake 2/32ND. CC: \$1,277,338.
- 5/18/94 13,278' Drlg. 51'/9½ hrs. Drlg & spot LCM pill on btm. Pmp pill & TOOH w/bit. Magna flux, BHA, LD 4 cracked DC. Change bit, check rams, TIH w/PDC & PU 1 DC. PU kelly, brk circ @ 7200'. Finish TIH w/PDC. W&R from 13,195'-13,265'. Drlg. Lost 30 bbbls mud in 24 hrs. Wasatch 100% sh, BG 10, CG 17, TG

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 7

120. MW 9.3, vis 41, FL 7.2, PV 13, YP 7, LCM 5%, solids 6.5%, pH 11.5, ALK 1.2/2.8, Lm 1.2, CL 6,000, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,316,439.
- 5/19/94 13,480' Drlg. 202'/23½ hrs. Drlg, RS. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 10, CG 16. Shows: #50 13,328-38', ROP 9-5½-8, BGG 10-50-10, no oil, no fluor, no cut; #51 13,404-14', ROP 6½-5½-8, BGG 10-40-10, no oil, no fluor, no cut. MW 9.3, vis 39, FL 7.2, PV 12, YP 6, solids 6.5%, pH 12, ALK 1.8/3.5, CL 6,500, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,335,614.
- 5/20/94 13,685' Drlg. 205'/23½ hrs. Drlg, RS. Drlg. Lost 75 bbls mud to seepage in last 24 hrs. Wasatch 90% sh, 10% ss, BG 8, CG 20. Shows: #52 13,458-78', ROP 6-4½-7, BGG 10-60-10, no oil, no fluor, no cut; #53 13,570-88', ROP 7-4-10, BGG 10-35-10, no oil, no fluor, wk cut. MW 9.4, vis 37, FL 7.2, PV 12, YP 5, solids 7%, pH 12, ALK 2.4/4.3, CL 6,000, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,348,373.
- 5/21/94 13,857' Drlg. 172'/23½ hrs. Drlg, RS. Drlg. Wasatch 100% sh, BG 40, CG 60. Shows: #54 13,670-76', ROP 7½-4½-8½, BGG 10-130-10, no oil, no fluor, wk cut; #55 13,709-44', ROP 5-3-7, BGG 10-50-20, no oil, no fluor, wk cut; #56 13,750-70', ROP 10½-4½-12, BGG 20-60-30, no oil, no fluor, wk cut; #57 13,778-800', ROP 13½-6-9, BGG 30-80-40, no oil, no fluor, wk cut. MW 9.3, vis 38, FL 6.5, PV 12, YP 5, solids 7%, pH 12, ALK 3/4.3, CL 6,000, Ca 120, gels 1/1, wall cake 2/32ND. CC: \$1,358,061.
- 5/22/94 13,984' Drlg. 127'/23½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 40, CG 70. Shows: #58 13,850-56' ROP 16-6½-12, BGG 40-70-40, no oil, no fluor, no cut; #59 13,966-78', ROP 21-4½-14, BGG 40-600-100, no oil, no fluor, wk cut. MW 9.3, vis 38, FL 10.4, PV 11, YP 6, solids 6.5%, pH 12, ALK 2.8/4.1, CL 6,000, Ca 160, gels 1/2, wall cake 2/32ND. CC: \$1,372,834.
- 5/23/94 14,078' Drlg. 94'/23½ hrs. Drlg, RS. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 50, CG 200, no shows. MW 9.3, vis 40, FL 10, PV 13, YP 6, solids 6.5%, pH 12, ALK 2.4/3.6, CL 6,000, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,382,569.
- 5/24/94 14,180' Drlg. 102'/23½ hrs. Drlg, RS. Drlg. No mud loss. Wasatch 70% sh, 20% ss, 10% ls, BG 20, CG 150, no shows. MW 9.3, vis 39, FL 12, PV 11, YP 5, solids 6.5%, pH 12, ALK 1.8/2.8, CL 5,000, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,393,161.
- 5/25/94 14,254' Drlg. 74'/19 hrs. Drlg. Work tight hole from 14,155'-14,203'. Short trip 10 stds, no tight spots. W&R 45' to btm. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 10, CG 30. Shows: #60 14,170-78', ROP 8-20-16, BGG 20-60-20, no oil, no fluor, wk cut; #61 14,208-14', ROP 20-18-19, BGG 19-10-20, no oil, no fluor, wk cut; #62 14,226-32', ROP 15-16-12, BGG 10-20-10, no oil, no fluor, wk cut. MW 9.3, vis 40, FL 9.6, PV 12, YP 8, solids 7%, pH 12, ALK 1.6/2.6, CL 5,000, Ca 120, gels 1/3, wall cake 2/32ND. CC: \$1,402,809.
- 5/26/94 14,323' TFNB. 69'/20½ hrs. Drlg, RS. Drlg, POOH (spotted LCM pill on btm). No mud loss. Wasatch 90% sh, 10% ss, BG 10, CG 50. Shows: #63 14,248-60', ROP 19-12½-18½, BGG 10-30-10, no oil, no fluor, wk cut; #64 14,280-88', ROP 17½-11-17, BGG 10-25-10, no oil, no fluor, wk cut. MW 9.4, vis 40, FL 8.8, PV 12, YP 10, solids 7%, pH 12, ALK 1.5/2.3, CL 4,500, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,412,120.
- 5/27/94 14,394' Drlg. 71'/13 hrs. POOH for bit, RS. TIH, picked up 3 6¼" DC, cut drlg line. TIH, W&R 45' to btm, 6' fill. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 20, CG 30, TG 600. Show #65 14,362-70', ROP 8-4-11, BGG 15-30-20, no oil, no fluor, TR cut. MW 9.4, vis 39, FL 8, PV 11, YP 6, solids 7%, pH 12, ALK 1.3/2.3, CL 4,500, Ca 200, gels 1/2, wall cake 2/32ND. CC: \$1,436,654.
- 5/28/94 14,454' Drlg. 60'/14½ hrs. Drlg, work tight hole 14,409'-14,342'. Drlg, work tight hole 14,412'-14,392'. Drlg, RS. Drlg, work tight hole 14,447'-14,400'. Drlg, work tight hole 14,450'-14,410'. Drlg. Wasatch 90% sh, 10% ss, BGG 20,

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 8

- CG 40. Show #66 14,392-402', ROP 17½-2-12, BGG 20-25-20, no oil, no fluor, TR cut. MW 9.4, vis 40, FL 8, PV 12, YP 8, solids 7%, pH 12, ALK 1.5/2.6, CL 4,000, Ca 136, gels 1/2, wall cake 2/32ND. CC: \$1,445,929.
- 5/29/94 14,500' Mix & pmp LCM for loss circ. 46'/14 hrs. Work tight hole 14,454'. Drlg, short trip 20 stds, tight 14,455'-14,155'. Drlg, work tight hole 14,462'. Drlg, work tight hole 14,480'. Drlg, short trip 5 stds, tight hole 14,489'-14,140'. Drlg lost ret @ 14,500'. Mix & pmp LCM. Wasatch 90% sh, 10% ss, BGG 20, CG 30. Show #67 14,446-50', ROP 26-12-30, BGG 20-25-20, no oil, no fluor, no cut. MW 9.7, vis 47, FL 7.6, PV 17, YP 8, solids 8%, pH 12, ALK 1.9/3.2, CL 4,000, Ca 200, gels 2/4, wall cake 2/32ND. CC: \$1,456,401.
- 5/30/94 14,550' Short trip. 50'/13 hrs. Mix & pmp LCM @ 14,500', spotted 2 pills & got ret, lost 900 bbls mud. Drlg, RS. Drlg, circ & cond for short trip. Short trip 40 stds, 40,000# drag TD-14,090' & a tight spot @ 13,714'. Circ & cond. Short trip. Wasatch 90% sh, 10% ss, BG 10, CG 20, TG 150. Show #68 14,528-36', ROP 16½-6½-18, BGG 20-25-20, no oil, no fluor, no cut. MW 9.5, vis 39, FL 7.2, PV 13, YP 6, solids 7%, pH 12, ALK 1.3/2.6, CL 4,000, Ca 104, gels 1/2, wall cake 2/32ND. CC: \$1,471,116.
- 5/31/94 14,550' Circ & cond hole for logs. Circ & cond for logs. POOH, SLM, no corr. Logging w/Schlumberger, 1st run bit went to btm, loggers TD 14,551', 2nd set dwn @ 13,780'. TIH w/bit #20 to TD. Circ & cond. No mud loss. BGG 10, CG 20. MW 9.5, vis 40, FL 6.8, PV 12, YP 10, solids 7%, pH 11.8, ALK 0.9/2.4, CL 4,000, Ca 112, gels 1/1, wall cake 2/32ND. CC: \$1,485,704.
- 6/1/94 14,550' TIH w/bit to cond for logs. Circ & cond for logs. POOH, no tight spots. Logging ran Sonic-GR-Cal, set dwn @ 13,650'. Log 13,650'-7175' (9%⁺ csg), 2 passes. Ran FMI, set dwn @ 13,600', log 13,600'-12,500'. TIH to 9%⁺ shoe (left out 2 stds DC). Cut drlg line. TIH. MW 9.5, vis 40, FL 6.8, PV 12, YP 6, LCM 2%, solids 7%, pH 11.5, ALK 0.8/2, CL 4,000, Ca 120, gels 1/2, wall cake 2/32ND. CC: \$1,496,006.
- 6/2/94 14,550' Lost returns @ 14,550', mix LCM & pmpg. TIH w/bit. Install rot hd. W&R 13,600'-13,932' & try to run std @ 13,939', wouldn't go. RS & check BOP's. W&R 13,932'-14,550' & raise MW 9.7. Circ & cond for logs w/MW 9.7 & lost returns @ 14,550'. Mix & pmp LCM pill w/no returns. Lost 1100 bbls in 24 hrs. BG 10, CG 20, TG 125. MW 9.7, vis 50, FL 6.8, PV 25, YP 15, TR oil, LCM 2%, solids 9%, pH 11.5, ALK 16/2, Lm 1.95, CL 3,100, Ca 128, gels 2/6, wall cake 2/32ND. CC: \$1,510,972.
- 6/3/94 14,550' W&R to btm @ 9694'. Mix & pmp LCM pills @ 14,550', no returns. POOH 31 stds to 11,605', wet. Pmp LCM pill, try brk circ, no returns. POOH to 7469'. Mix & pmp LCM pill, full returns. TIH to 9443'. Brk circ, circ & circ out 9.7 MW, work on SCR (no down time). Attempt run std, wouldn't go. W&R 9443'-9694', hole falling in & swelling. Lost 700 bbls mud in 24 hrs. MW 9.5+, vis 55, FL 8.0, PV 20, YP 15, TR oil, LCM 10%, solids 8.0%, pH 11.0, ALK 15/1.5, Lm 1.6, CL 2,200, Ca 96, gels 3/15, wall cake 2/32ND. CC: \$1,521,693.
- 6/4/94 14,550' W&R to btm @ 13,102'. W&R 9694'-10,087'. TIH 4 stds & dbl to 10,525'. W&R 10,525'-10,587'. TIH to 11,416'. W&R 11,416'-11,602'. TIH to 11,916'. W&R 11,916'-11,978'. TIH to 12,755'. W&R 12,755'-12,879'. Attempt to run std, wouldn't go, W&R 12,879'-13,102'. No mud lost last 24 hrs. MW 9.7, vis 46, FL 7.6, PV 16, YP 12, TR oil, LCM 12%, solids 9%, pH 11.0, ALK 0.7/2.0, Lm 0.2, CL 2,200, Ca 88, gels 2/12, wall cake 2/32ND. CC: \$1,605,171.
- 6/5/94 14,550' W&R to btm @ 14,049'. W&R 13,102'-13,454', RS. W&R 13,454'-14,049'. MW 9.7, vis 52, FL 7.2, PV 20, YP 18, TR oil, LCM 12%, solids 10%, pH 11.0, ALK 0.8/1.9, Lm 0.2, CL 2,200, Ca 80, gels 2/15, wall cake 2/32ND. CC: \$1,621,316.
- 6/6/94 14,550' Short trip & wash to btm @ 14,520'. W&R 14,049'-14,080'. RS & check BOP's. W&R 14,080'-14,550'. Circ & cond @ 14,550'. Short trip 28 stds to shoe, 1st std tight & 7 & 8. Cut drlg line. TIH w/bit to 14,465'. W&R 14,465'-14,550'. Circ & cond for csg. Short trip 16 stds w/10-25,000 drag. No mud lost

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 9

- Last 24 hrs. MW 9.8, vis 50, FL 6.8, PV 19, YP 14, TR oil, LCM 12%, solids 10%, pH 11.5, ALK 0.8/2.1, Lm 0.3, CL 2,200, Ca 96, gels 2/12, wall cake 2/32nd. CC: \$1,630,772.
- 6/7/94 14,550' WOO to run csg. Circ & cond for csg. POOH for csg, LD stab & check blind rams. WO Halliburton Logging Serv to run Cal-GR. Run Cal-GR w/Halliburton from 14,540'-7,193'. WOO to run csg. No mud lost last 24 hrs. MW 9.8, vis 48, FL 6.8, PV 19, YP 14, TR oil, LCM 12%, solids 10%, pH 11.5, ALK 0.8/2.1, Lm 0.3, CL 2,200, Ca 96, gels 2/12, wall cake 2/32nd. CC: \$1,651,240.
- 6/8/94 14,550' LD 5" DP. WOO to run csg. RU Westates csg crew. Run 89 jts 5½" 23# LT&C CF-95 (total 3851.78') & run 87 jts 7" 26# LT&C CF-95 (total 3800.24'), equip w/shoe, float, LC, Bak pkr, xover, 7" liner hanger & stop ring, total liner 7693.79'. PU hanger & swivel, RD csg crew & LD mech. TIH w/DP & w/7" & 5½" liner. Circ csg before cmt. Hang liner & rot off. Cmt w/Halliburton. Pmp 40 bbls SD spacer, 980 sx silicalite (H) w/0.7% SCR-100, 0.4% uprsaset, 2% gel, 12.4#/gal, yld 1.83; tailed w/515 sx silicalite (H) w/0.7% SCR-100, 15% SSA-1, 2% gel, 12.4#/gal, yld 1.83, prop ball, displ w/342 bbls 9.8 mud. Bump plug w/1500 psi @ 2:08 AM 6/8/94. Float ok, good circ for 240 bbls in disp. then partial, press up on pkr to 2000 psi to inflate press, drop to 410, pkr wouldn't hold press. POOH 10 stds w/stinger. RU, LD mech & LD 5" DP. MW 9.8, vis 49, FL 6.4, PV 22, YP 11, TR oil, LCM 12%, solids 10%, pH 11.0, ALK 0.6/1.9, Lm 0.3, CL 2,200, Ca 112, gels 2/5, wall cake 2/32nd. CC: \$1,869,987.
- 6/9/94 14,550' PU 2⅞" PAC DP. TL 6852', PBSD 14,496'. LD 5" DP, pull DP rubbers. TIH w/DP. LD DP & 6¼" DC. PU 6-4¾" DC & TIH top liner. Drig out liner. Circ & cond. POOH w/6⅞" mill & LD 4¾" DC. RU csg tong & PU 4½" drag bit, 5½" csg scraper & PU 2⅞" DC & 2⅞" PAC DP. MW 9.8+, vis 50, FL 6.4, PV 22, YP 12, TR oil, LCM 12%, solids 10%, pH 11.0, ALK 0.6/1.9, Lm 0.3, CL 2,200, Ca 112, gels 2/5, wall cake 2/32nd. CC: \$1,881,400.
- 6/10/94 14,550' LD 5" DP. PU 2⅞" PAC DP. PU 3½" DP. TIH w/5" DP & mill csg scraper. Drig cmt 14,216'-14,496'. Circ. Pmp 200 bbls pit wtr & disp csg w/700 bbls prod wtr w/inhibitor. LD 5" DP. MW 9.8, vis 40, FL 6.4, PV 22, YP 12, TR oil, LCM 8%, solids 10%, pH 11.0, ALK 0.6/1.9, Lm 0.3, CL 2,200, Ca 112, gels 2/5, wall cake 2/32nd. CC: \$1,891,328.
- 6/11/94 14,550' RDRT, rig released. LD 5" DP, 3½" DP, 2⅞" PAC DP, 3⅞" DC, scraper & mill. RD, LD mech & csg tong. ND BOP's, NU tbg spool & prod 5000 BOP's & test pipe rams & blind rams 5000 psi 10 min, ok. Rel @ 11:00 PM 6/10/94 to move to #2-22B6. RDRT. CC: \$1,929,456. FINAL DRILLING REPORT.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1
TD: 14,550' PBD: 14,493'
CSG: 5½" @ 10,685'-14,546'
PERFS: 13,000'-14,476' (WASATCH)
CWC(M\$): 2,165.0

PAGE 10

- 6/12-21/94 WO completion unit.
Drop from report until further activity. CC: \$1,929,456
- 6/27/94 RU Halliburton & est inj rate.
RU rig. RU OWP. Shoot 4 sqz holes @ 12,000', 4 sqz holes @ 10,700'. Run Mtn States 5½" WL set retainer @ 11,950'. RD OWP. RIH w/Mtn States retainer stinger, 376 jts 2⅞". Tag retainer @ 11,950'. CC: \$1,941,532
- 6/28/94 POOH w/stinger.
Landed in 5" cmt retainer @ 11,950'. RU Halliburton. Pump-in @ 1.4 BPM, 2500# w/no returns. POOH w/2⅞" tbg, stinger. RU OWP. Perf 4 sqz holes @ 11,150'. RIH w/ret stinger. Landed stinger & RU Halliburton. Est circ thru perfs from 12,000' to 11,150' @ 2.5 BPM, 800#. Sqz d 7" csg w/190 sx cmt. Attempt to reverse out cmt - could not. POOH w/270 jts tbg. CC: \$1,959,922
- 6/29/94 Finish POOH w/bit.
POOH w/remaining 2⅞" tbg, stinger. RU PLS. RIH w/4.545" gauge ring. Stack @ 9750'. Work down to 9863'. POOH. RD PLS. RIH w/6⅞" drag bit, XO, 333 jts tbg. Hit stringers & bridge @ 10,543' - stack out solid @ 10,603'. Pull off btm & RU circ equip. Fill wellbore w/5 bbls prod wtr. Attempt to PT. Pump 5 bbls @ 2.5 BPM @ 300#. RU power swivel & drig head. Circ, reverse 2 BPM, returns 1 to ¾ BPM. Mill down ±5' to 10,608'. Extremely hard to maintain returns. Finally lost circ completely. Pull off btm & switch to circ conventional pump, 2 BPM w/near or full returns while circ. RD power swivel & drig head. CC: \$1,965,684
- 6/30/94 Continue RIH w/tieback assembly.
Continue to POOH w/2⅞" tbg, drag bit. WO tools. RD floor, remove BOP's & tbg spool. MU & strip on Baker 7-7/16" OD tieback mill, XO's. Install BOP's, tbg spool. RIH w/2⅞" tbg. RU swivel, strip head. Dress 7" tieback while circ down 2⅞" tbg. RD drig equip. POOH w/2⅞" tbg & strip off BOPE & LD 7-7/16" dress-up mill, XO equip to 7" csg. MU tieback assembly as follows: 7" tieback stem w/Chevron seals, 1-jt 26# 8rd csg w/turbolator collars, 6' x 7" tieback receptacle w/9⅞" CPH pkr, XO to 3½" tbg. Strip on BOPE. Tally & PU 96 jts 3½" 8rd tbg. RIH to 6057'. CC: \$1,974,546
- 7/1/94 Tag sand.
Continue to RIH w/3½" tbg. Tag orig tieback. Break circ down tbg, sting into tieback sleeve. PT to 800 psi. RIs set tool, set & lock pkr. PU above 7" LT @ 6796'. Try to PT csg, Pump 3-3½ BPM @ 400 psi. No test. LD 226 jts 3½" tbg. Remove BOP's. Strip off setting tool. Install 10" BOP's. RU floor. RIH w/Mtn States 7" B-2 RBP, 7" retrieving tool for RBP, 4 jts 2⅞" tbg, 9⅞" 32-A Mtn States pkr, 216 jts tbg, set RBP @ 6915', 119' below new 7" LT @ 6796'. Pull pkr to 6728', 68' above 7" LT & set. Fill tbg w/5 bbls. Pump 10 bbls @ 3½ BPM @ 350#. Fill csg w/10 bbls & test to 2000#, 20 min w/0 pressure loss. POOH & LD pkr. MU notched collar. RIH open ended w/214 jts to 6856'. RU Halliburton & spot 3 sx sand. POOH w/20 jts. Let sand settle. CC: \$1,995,100

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1

PAGE 11

- 7/2/94 WO cmt, check pressure.
Let sand settle. RIH, tag w/2' on RBP. POOH 6 jts, let sand settle 1-hr. RIH, tag @ same place. POOH w/2⁷/₈" notched collar. RU Cutters. RIH, dump 2 sx sand on top of BP. RD Cutters. RIH w/SN, 2⁷/₈" tbg. Tag sand. PU to 6731'. RU Halliburton. Est inj rate 3¹/₂ BPM @ 400#. Begin cmt job. Pump 15 BFW, 150 sx Class H cmt w/3% Cal & 0.25 pps Flocele, 1.06# yield, 16.4 ppg (28.31 bbls slurry), 1¹/₂ BFW, 35 bbls prod wtr. Pull 16 jts 2⁷/₈". Pump cmt, staging. Leave ±3 bbls out in 9⁵/₈". Est TOC @ 6756'. Hold 1500#, 30 min. Bleed back 3¹/₂ bbls. Reverse w/50 bbls prod wtr. Pressure well up to 1500#, took 2¹/₂ bbls. RD Halliburton. CC: \$2,012,179
- 7/3/94 RIH w/6¹/₈" drag bit.
Check well pressure - 1400#. Bleed off. POOH w/2⁷/₈", SN. RIH w/8¹/₂" rock bit, 209 jts 2⁷/₈". Tag cmt @ 6706'. RU swivel, strip head. Drill cmt to 6818' (112'). Circ clean 50 bbls. Close tbg & PT 1500 psi, 15 min. RD swivel & circ equip. POOH w/213 jts. LD bit, MU Graco 9⁵/₈" csg scraper. RIH w/212 jts & 17' to 7" LT @ 6818'. Felt little or no drag in 112' milled earlier. POOH w/213 jts. LD csg scraper. CC: \$2,016,879
- 7/4/94 Continue to mill cmt in 7".
MU 6¹/₈" drag bit & RIH w/2⁷/₈" tbg. Tag @ 6818'. RU power swivel, strip head. Drill cmt to 6825'. Fell thru. RIH to 6885', tag, mill to 6891'. Circ btms up getting sand. PT csg to 1500#, hold 15 min. Circ sand off to 6911'. Circ btms up. RD swivel, strip head. POOH w/2⁷/₈", 6¹/₈" drag bit, RIH w/7" BP retrieving head, 2⁷/₈" tbg. Latch & rls 7" RBP. Work thru tight spot @ ±6866'. POOH w/216 jts & LD RBP. MU XO - 6¹/₈" string mill, XO, 6¹/₈" drag bit. RIH w/98 jts, x-crews. Finish RIH w/114 jts to 6802'. Rotate thru tight spots @ 6827-30', 6860-64', 6884'. RD swivel & RIH w/114 jts. Tag cmt and/or fill @ 10,524'. RU swivel & circ equip. Break circ, rev & mill down east 95' to 10,619'. CC: \$2,024,870
- 7/5/94 Continue to mill cmt in 5¹/₂" liner.
Drill to 10,642', fell thru. RIH, tag, mill cmt to 5¹/₂" liner @ 10,685'. Circ btms up. PT to 2000#. Bled to 1200# in 10 min. Try again - same results. RD swivel. POOH w/2⁷/₈" tbg. LD 6¹/₈" string mill, 6¹/₈" drag bit. RIH w/Mtn States 7" HD pkr, SN, 2⁷/₈" tbg, set pkr @ 6951'. Pump down tbg 1.5 BPM @ 1800#. Bleed off. PT csg to 2000#, hold. RIH w/pkr to 10,645'. Pump down tbg, inject 1.5 BPM @ 1800#. PT csg to 2000#, hold. Rls pkr, POOH w/2⁷/₈" tbg, 7" pkr @ 6884'. Encountered extreme difficulty getting 7" pkr thru. Pull tension, pull while rotating w/wrenches. Finally worked thru. Finish POOH & found 1-slip segment from pkr missing & 1/4" wide gouge in gauge ring (6" OD). Rubbers on pkr not damaged. MU 4¹/₂" bladed mill & RIH. Located 5¹/₂" LT @ 10,685', tag cmt @ 10,711'. RU power swivel & circ equip. Mill down 7 jts to 10,865' - fairly easy milling. Hitting intermittent bridges. CC: \$2,032,602

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1

PAGE 12

- 7/6/94 Continue RIH w/4½" mill. RU to mill. Continue to mill. Mill to 11,160' - starts drlg harder, acts like fill. Mill to 11,209'. Circ btms up (got cmt, pea gravel). Try to PT. Inject 1.5 BPM @ 1500#. RD swivel, strip head. LD 18 jts 2⅞" workstring. POOH w/2⅞" tbg, 4½" bladed mill. RIH w/Mtn States 5½" HD pkr & 2⅞" tbg, set pkr @ 10,891' & RU Halliburton. Fill annulus & inj @ 2.5 BPM @ 1500#. Pressure up tbg to 1500#, lost 100# in 5 min. Rls pkr & POOH. Found 5½" LT. RIH 12' & set pkr @ 10,687'. RU Mtn States sqz swivel & manifold. Pump 10 BFW pad & follow w/200 sx 37.8 bbl slurry. Cmt w/additives w/cmt @ perfs @ 10,700'. Pressure increased to 1280# w/5 bbls cmt left in tbg. Pressure to 1350#. Start to stage sqz. After 4th shut down, cmt locked up. Rls pkr & attempt to rev out - no success. Pull pkr out of 5½" liner & try to move cmt out of tbg w/6000#. No movement. RD Halliburton. Swab tbg dry. POOH. LD 31 jts w/solid cmt & pkr. MU 4½" mill & RIH w/200 jts. CC: \$2,046,766
- 7/7/94 Continue drlg cmt. Continue to RIH w/2⅞" tbg. Stay above 5½" liner. PU strip head. WOC. RIH, tag cmt @ 10,680'. RU swivel. Mill cmt to 10,740' - very hard milling (sqz holes @ 10,700'). Circ. btms up clean. PT to 2000# lost 500#/5 min. PT again to 2000#, lost 30#/1 min. Continue to mill cmt to 10,785'. CC: \$2,054,680
- 7/8/94 POOH w/tbg. Continue to mill cmt to 10,825'. Try to PT. Pressure to 2500#, lost 500#/10 min. POOH w/bladed mill. RIH w/SN, 2⅞" tbg to 10,704'. RU Halliburton. Est inj rate 50 BPM @ 2000#. Pump 10 BFW, 30 sx Class "H" cmt, 1.06# yield, 16.4 gal, 1.5 BFW. POOH to 10,468'. Pressure up on cmt. Pump 1.5 bbls (9 sx) cmt out hole. Pressure to 2000#, held. RIH, circ out cmt to 10,675'. POOH to 10,303'. Pressure to 1000# on well, hold. Close well in @ 9:00 p.m.. SD, WOC. CC: \$2,066,410
- 7/9/94 Drlg cmt @ 11,000'. Tbg pressure 1000#, csg pressure 1000#. Increase pressure to 2000#, held OK. RIH & tag cmt @ 10,689'. POOH w/336 jts tbg. MU 4½" drag bit & RIH, tag cmt @ 10,689'. Mill 1', fall free @ 10,690'. RIH to 10,721'. PT to 2000#, held OK for 15 min. RIH, tag cmt @ 10,834'. Mill to 11,000'. CC: \$2,068,772
- 7/10/94 POOH w/rock bit. Mill to 11,078', fell free. RIH to 11,094'. PT to 2000#. Bled 350#/15 min. RIH, tag cmt @ 11,198'. Mill to cmt retainer @ 11,950'. PT to 2000#, lost 450#/15 min. Start POOH w/tbg & 4½" drag bit. CC: \$2,074,586
- 7/11/94 WOC. POOH w/4½" rock bit. RIH w/Mtn States 5½" 32-A pkr, set @ 11,065'. Pump down tbg. Pressure to 2400#, injecting 0.25 to 0.5 BPM. Pressure to 2500#. Bled to 2000#/1 min. Bled to 1500#/10 min. Pressure up csg to 2500#, hold. Rls pkr. POOH w/5½" pkr. RIH w/SN on 351 jts to 11,160'. Spot 30 sx (5.66 bbls) cmt plug. POOH 12 jts to 10,776'. Sqz'd, leaving 1.5 bbls cmt in csg. Sqz to 2400#, hold for 10 min. Lost 100#. Reverse tbg. POOH to 10,173'. Pressure up 1500#. SD, WOC. CC: \$158,448

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1

PAGE 13

- 7/12/94 RIH to drill up 5½" cmt retainer. POOH w/320 jts. RIH w/4½" rock bit, tag stringers @ 10,870'. Mill down to 11,123'. Mill thru heavy stringer to 11,153'. RIH, free to 11,247'. Circ clean. PT sqz'd hole @ 11,150' to 2000#, held for 10 min. CC: \$2,090,748
- 7/13/94 Continue to POOH. RIH w/2⅞" tbg, tag cmt retainer. Mill out retainer, mill cmt to 11,982', fell thru. RIH to 12,023'. Circ btms up. PT to 2500#. Bled to 1500#/10 min. Decide to RIH, tag @ 14,493'. Attempt to mill further, bit plugging off. Mill to PBD @ 14,493', displace hole w/711 bbls filtered, treater prod wtr. POOH w/400 jts tbg. CC: \$2,097,649
- 7/14/94 Continue RIH w/4½" mill. Continue to POOH w/2⅞", 4½" bit. RD floor, remove 10" BOP's. Install tbg spool, 6" BOP's. RU floor, RU OWP. RIH w/Gamma Log, tag PBD @ 14,485', log to 14,000'; 11,000'-10,400'. POOH. Fill csg, PT lubricator to 2000#. RIH w/4' perf gun to 14,100' - got hung up, could not get past, acts like rubber. POOH dragging along side until 7" csg. RIH w/junk basket, gauge ring. Recover cmt chunks. Try full length 4" gun & half-length gun - got to 10,695' each time. RD OWP. Order out 6½" mill. MU & RIH. Enter 7" LT @ 6796' w/no trouble, but could feel slight drag first 20' @ top. RIH to 5½" @ 10,675', rotate w/power tongs & worked up & down. Felt nothing above liner. POOH. MU 4½" mill & start RIH. Felt nothing @ 7" LT. CC: \$2,106,448
- 7/15/94 RIH w/tbg. Continue to RIH w/4½" mill on 2⅞" tbg. Tag @ 14,489'. Circ out cmt chunks, some gas, oil, aluminum chunks. Mill to 14,495'. Circ btms up. PT to 2300#, lost 50#/5 min. POOH w/456 jts 2⅞" & 4½" mill. RIH w/4" perf gun, stack out @ 14,180'. Finish perf'g w/3⅞" guns. Made 6 runs. Perf Wasatch @ 13,000'-14,476' (132 holes) @ 3 SPF. Well showing 0# or on slight vacuum at end of each run. RIH w/Arrow Model DB 5½" Mtn States pkr w/millout extension, F-nipple & KO plug. Set @ 12,080'. MU Mtn States pkr seal assembly & start RIH. CC: \$2,142,768
- 7/16/94 Swab testing. RIH w/381 jts 2⅞" tbg. Space out. Land 2⅞" w/20,000# tension. Install 2⅞" hanger, install tree. PT to 5000#. PT csg to 2000#, bled 300#/5 min. RU Delsco. Try to knock out glass - acts sticky. Pressure to 2500#, trying to knock out disc - no success. RIH w/tbg end locator. Work tool & pressure to 1000#. Knock out disc, pressure 0#. RU to swab. Made 25 runs, IFL @ sfc, FFL @ 3600', 16 BPH fluid entry, last run 80% oil. Total fluid rec - 157 bbls, 12 hrs. CC: \$2,159,320
- 7/17-18/94 Continue to flow. Made 6 swab runs. Total fluid swabbed - 187 bbls (45 BO, 142 BW), FFL 4800', oil cut 60%. RU Dowell to acidize perms 13,000'-14,776' w/20,000 gal 15% HCl w/additives, BAF, rock salt, 600 - 1.1 ball sealers. Pmpd 865,000 SCF N₂ throughout job. ATR 12 BPM (w/N₂ 16 BPM), MTR 14 BPM (w/N₂ 19 BPM); ATP 8200#, MTP 9000#. ISIP 3300#, good diversion, TLTR 970 bbls. RD Dowell & Newsco. RU to flow well. Open well - 3000#. Flow to frac tank on 25/64" chk from 3:45 p.m. to 12:00 a.m., 7/18/94. Avg pressure 1000#. Recorded 207 BO & 230 BW. Avg total flow per hour, 55 bbls. At midnight, turn flow to treater. Open to 32/64" chk, pressure dropped to 500# @ 6:00 a.m., 7/18/94. Flwd 151 BO, 90 BW, 150 MCF/6 hrs, FTP 500# on 32/64" chk, present oil cut 63%, feed-in rate 40 BPH. CC: \$2,224,200

THE COASTAL CORPORATION
 PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (COMPLETION)
 ALTAMONT FIELD
 BLACKTAIL PROSPECT
 DUCHESNE COUNTY, UT
 WI: 100% ANR AFE: 00142 R1

PAGE 14

7/18-19/94 Continue to monitor well flow, pressure, etc. Flwd 606 BO, 166 BW, 393 MCF, FTP 250#, 35/64" chk.

	<u>Time</u>	<u>Choke</u>	<u>PSI</u>	<u>Remarks</u>
7/18/94	7:00 am	35/64"	200	
	8:00	"	500	
	9:00	"	500	
	10:00	"	500	
	11:00	"	475	
	12:00 pm	"	425	
	1:00	"	400	
	2:00	"	375	
	3:00	"	375	
	4:00	"	375	
	4-5:00	"		Cut soft wax in tbg to 10,000'.
	5:00	"	350	
	6:00	"	350	
	7:00	"	350	
	8:00	"	325	
	9:00	"	350	Clear frac balls.
	10:00	"	400	" " "
	11:00	"	400	" " "
7/19/94	12:00 am	"	300	
	1:00	"	300	
	2:00	"	300	
	3:00	"	220	
	4:00	"	210	
	5:00	"	300	Steady flow.

Prod rate, etc., monitored by pumper at treater, pH remained at 5. Will run Prod Log on Wednesday AM, 7/20/94. CC: \$2,228,708

7/19/94 Well on prod - flwd 187 BO, 62 BW, 195 MCF, FTP 50#, 1" chk. Well producing to treater. RD rig. Clean location, load out equip. Prep to run Production Log. CC: \$2,332,563

7/20/94 Well died. Hot oil & swab well back in. Flwd 148 BO, 39 BW, 131 MCF, FTP 250#, 50/64" chk, 12 hrs. Ran prod log. Setting pmpg unit pad & hooking up electric today. Will set PU Friday AM, 7/22/94.

7/21/94 Flwd 102 BO, 22 BW, 24 MCF, FTP 300# 32/64" chk. Prep to set pmpg unit. Final report on this AFE #00142 R1.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (INSTALL SURFACE FACILITIES)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00143
TD: 14,550' PBD: 14,493'
Csg: 5 1/2" @ 10,685'-14,546'
Perfs: 13,000'-14,476' (Wasatch)
CWC(M\$): 334.5

PAGE 15

- 7/22/94 RIH w/VV valve. Finished setting pumping unit. RU rig, RU Atlas. RIH w/Prism logging tool to 354' - unable to get thru wax in tbg. Flush tbg w/100 bbls 240° wtr. Run Prism Log from 14,420' to 12,820'. RD Atlas. CC: \$11,233
- 7/23/94 ND BOP & dual tbg spool.
RIH w/2 1/4" VV valve, set in F-nipple @ 12,093'. PT tbg & valve to 400#, held. NU tree, NU BOP. RIs seal assembly out of pkr. POOH w/164 stds 2 7/8" tbg. LD 53 jts 2 7/8" tbg & seal assembly. CC: \$18,086
- 7/24/94 RIH w/rods.
ND BOP, dual string tbg spool. NU single string tbg spool. NU BOP. RIH w/prod BHA & tbg, set TAC @ 10,521'. Landed tbg w/20,000# tension. RIH w/1 1/4" pump, 8 - 1" rods & 96 3/4" rods. CC: \$22,620
- 7/25/94 Well on production.
PU & RIH w/rods. Space out & seat pump. Fill tbg w/3 BW. Used rig to stroke pump & test tbg to 500#, held. Good pump action. Hang off rods on clamp. RD rig & equip. Clean trash off location, move out. CC: \$389,600
- 7/25/94 Pmpd 109 BO, 159 BW, 39 MCF, 4.8 SPM/14 hrs.
- 7/26/94 Pmpd 327 BO, 151 BW, 178 MCF, 4.8 SPM. Drop from report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1A. TYPE OF WELL:

OIL WELL GAS WELL DRY Other _____

B. TYPE OF COMPLETION:

NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. CENVR. Other **SEP -**

2. NAME OF OPERATOR

ANR Production Company

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1945' FSL and 1533' FEL (NW/SE)
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31434 DATE ISSUED 2/10/94

15. DATE SPUDDED 2/20/94 16. DATE T.D. REACHED 5/30/94 17. DATE COMPL. (Ready to prod.) 7/19/94

18. ELEVATIONS (OF. RKB. RT. GR. ETC.)* 7342' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 14,550' 21. PLUG BACK T.D., MD & TVD 14493'

22. IF MULTIPLE COMPL. HOW MANY* NA 23. INTERVALS DRILLED BY TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,000' - 14,476' Wasatch

12. COUNTY OR PARISH Duchesne 13. STATE Utah

6. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-4622

7. UNIT AGREEMENT NAME N/A 8. FARM OR LEASE NAME Ute Tribal 9. WELL NO. # 2-28B6 10. FIELD AND POOL, OR WILDCAT Altamont 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 28-T2S-R6W 25. WAS DIRECTIONAL SURVEY MADE No 27. WAS WELL CORED No

26. TYPE ELECTRIC AND OTHER LOGS RUN MUD LOG RADIOACTIVITY DIPOLE SHEAR CBL
DLL-SP-Sonic, Sonic-GR-Cal, Cal-GR, FMI

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	211' GL	17 1/2"	280sx, type "V" AG w/2% CaCl ₂	amt to surf 10 bbl
9-5/8"	40.0	7193'	12 1/2"	325sx Hi-fill, 675sx 50-50 POZ w/2% gel, 10% salt, 1/4#/sx Halad 322; 200sx Class H w/1/4# per sx	Flocele, 0.3%

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7"	6900'	10,700'	980	
5-1/2"	10,685'	14,546'	515	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER-SET (MD)
2-7/8"	10,521'	

31. PERFORATION RECORD (Interval, size and number)

Perf'd Wasatch @ 13,000' - 14,476'
(132 holes) @ 3 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,000' - 14,776'	20,000 gal. 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-in)					
7/16/94	pumping	producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/26/94	24			327	178	151	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
300							

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Chronological history

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

SIGNED Ernie Johnson TITLE Environment Analyst DATE 9/1/94

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River Fm.	5555'	5555'
				Lower Green River Fm.	9005'	9005'
				Wasatch Fm.	10,520'	10,520'

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886

Section 28-T2S-R6W

Blacktail Prospect
Duchesne County, UT
Parker #232/Unibar
WI: 100% ANR AFE: 00142
ATD: 14,550' SD: 3/25/94
Csg: 13 $\frac{3}{8}$ " @ 233' GL, 9 $\frac{5}{8}$ " @ 7193'
7" & 5 $\frac{1}{2}$ " @ 14,546'
DHC(M\$): 1,251.5

2/16-18/94 Building location.

2/20/94 211' GL. WORT. Spud well @ 10:30 AM, 2/19/94, w/Leon Ross Drlg Co. Drill 17 $\frac{1}{2}$ " hole to 220'. RIH w/5 jts 13 $\frac{3}{8}$ " 54.5# 8RD ST&C. Tally ran = 213.04. Set @ 211' GL. Insert FC @ 169'. RU Howco. Mix & pmp 280 sx type "V" AG w/2% CaCl₂ 1/4#/sx Flocele, yield 1.18, 15.6# gal. Disp w/26 bbl H₂O. Circ 10 bbl cmt to pit. Cmt in place @ 6:00 PM, 2/20/94. CC: \$25,906.

2/22-3/17 WORT. CC: \$25,906.

3/18/94 WO CIP approval.

3/21-23 RU drlg rig.
Expect to spud 3/25/94.

3/24/94 211' GL. MI RURT. Should spud 3/25/94. CC: \$103,532.

3/25/94 211' GL. RURT. Weld on csg hd. Should spud this PM. CC: \$129,147.

3/26/94 426' Install rot hd. Drlg frm @ 11:30 PM, 2/25/94. 193 $\frac{1}{4}$ hrs. Blow out rat & mouse hole w/air. NU BOP, function test diverter system, witnessed by J. Barnes. PU BHA, install rot hd. Unload hole, test lines to 1200 psi. Drill insert float, cmt, shoe tag cmt @ 172'. Drlg. Pulled rot hd rubber into change out same. Drlg. LD 5 jts DP, PU 5 DC's, 8 $\frac{1}{2}$ " OD, install rot hd. Air mist. CC: \$160,783.

3/27/94 629' Mill on junk. 203 $\frac{1}{2}$ hrs. PU 8 $\frac{1}{2}$ DC, install rot hd. Drlg. Service rig. WL svy. Drlg. Change rot hd, lost all 8 bolts out of drive bushing. Circ hole clear w/air. WL svy. TOOH, 3 bolts jammed in bit. TIH w/11 $\frac{1}{2}$ " OD magnet & junk sub. Work junk & circ. TOOH, rec 1 bolt in magnet. TIH w/11 $\frac{1}{2}$ " OD magnet & junk sub. Circ & work junk. TOOH, rec nothing, LD magnet. PU 12 $\frac{1}{4}$ " flat btm mill, TIH. W&R @ 544', TIH. Mill from 619' to 629', work junk. Air mist. Svys: 1 $\frac{1}{4}$ " @ 475', 1 $\frac{1}{2}$ " @ 570'. CC: \$186,074.

3/28/94 1902' Drlg 1273 $\frac{1}{19}$ hrs. TOOH w/mill, rec 1 bolt in junk sub. TIH. Drlg. Service rig. Drlg, WL svy. Drlg, WL svy. Drlg, WL svy. Drlg. Hit H₂O @ 1550'. Air mist. Svys: 2 $\frac{1}{4}$ " @ 1038', 3 $\frac{1}{2}$ " @ 1525', 3" @ 1850'. CC: 207,569.

3/29/94 2770' Drlg 868 $\frac{1}{19\frac{1}{2}}$ hrs. Drlg bit bouncing & torquing up. TOOH to check bit - ok. TIH. Drlg. Service rig. Drlg. Fish slip insert out top rot hd. Drlg. Survey. Drlg. Air mist. Svy: 3 $\frac{1}{4}$ " @ 2370'. CC: 230,503.

3/30/94 3230' Drlg 460 $\frac{1}{17}$ hrs. Drlg. Trip for string float. Svy. Attempt to break circ, bit plugged. TOOH. Unplug bit sub, shack sub, 6' btm DC scale & rust from DP. MU new bit, TIH. W&R 75' to btm, hole out of gauge. Drlg. Air mist. Svy: 3 $\frac{1}{4}$ " @ 2864'. CC: \$251,803.

3/31/94 3648' Drlg 418 $\frac{1}{22\frac{1}{2}}$ hrs. Drlg, service rig. Drlg, svy. Drlg, svy. Drlg. Air mist. Svys: 2 $\frac{3}{4}$ " @ 3307', 2 $\frac{1}{2}$ " @ 3510'. CC: \$266,191.

4/1/94 4090' Drlg 442 $\frac{1}{22\frac{1}{2}}$ hrs. Drlg, service rig. Drlg, svy. Drlg, change rot hd rubber. Drlg. Res pit full, will shut air off this AM to see if we can get rid of some water. Aerated water. Svy: 2 $\frac{1}{4}$ " @ 3751'. CC: 284,317.

4/2/94 4419' TOOH, twisted off lost 60,000# string wt. 329 $\frac{1}{21\frac{1}{2}}$ hrs. Drlg, service rig. Drlg, svy. Drlg w/H₂O & aerated H₂O. Lost 60,000# string wt. TOOH to PU fshg tools. H₂O/Aerated water. Svy: 2" @ 4230'. CC: \$294,374.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 2

- 4/3/94 4488' Drlg 69'/6½ hrs. Slip & cut drlg line. TOOH Magnaflex DC's #7-8 Cr Box. DC #8 broken box pin. Top fish @ 3962'. PU fshg tools, TIH w/10% O/S, bumper sub & tongs. Fish - PU same, came off btm free. TOOH w/fish, LD fshg tools. TOOH w/fish, check DC's, LD #11 Cr Box & pin #12 Cr Box. PU DC's & jars, TIH. W&R 65' to btm, no fill. Drlg w/aerated H₂O. CC: \$326,504.
- 4/4/94 4842' Drlg 354'/23 hrs. Drlg, service rig. Drlg, svy. Drlg. Aerated H₂O. Svy: 1½° @ 4734'. CC: \$336,146.
- 4/5/94 5215' Drlg 373'/23½ hrs. Drlg, service rig. Drlg. Mud Logger on @ 5000'. Uintah, BGG 15U, ConnG 30U, 10% ss, 20% ls, 70% sh. MW 8.4, vis 27, aerated H₂O. CC: \$348,992.
- 4/6/94 5514' Drlg 299'/23½ hrs. Drlg w/air & H₂O, service rig. Drlg w/air & H₂O. GR 90% sh, 10% ss, BGG 50, Conn 650. Shows: #1 5270-80', ROP 3½-1½-3½, BGG 15-240-20, TR fluor wk cut; #2 5360-76', ROP 4½-2½-5, BGG 20-300-20, TR fluor no cut; #3 5428-38', ROP 7-3½-7, BGG 20-360-50, TR fluor no cut. MW 8.4, vis 27, aerated H₂O. CC: \$361,083.
- 4/7/94 5784' Drlg w/air & H₂O. 270'/16½ hrs. Drlg w/H₂O, no returns. D/svy & TOOH for bit. Chng bit & TIH w/bit. W&R 20' to btm. Drlg w/air & H₂O. Circ & WL svy @ 5541'. Drlg w/air & H₂O. GR 50% ss, 40% sh, 10% ls, BGG 100, Conn 400, TG 400. Show #4 5608-26', ROP 5-1½-3½, BGG 60-300-100, TR blk oil, no fluor, wk cut. MW 8.4, vis 27, aerated wtr. Svy: 1½° @ 5541'. CC: \$391,549.
- 4/8/94 6193' Drlg w/air & H₂O. 409'/23 hrs. Drlg w/air & H₂O. WL svy @ 6060'. Drlg w/air & H₂O. GR 60% ss, 40% sh, BGG 100, Conn 220. Shows: #5 5764-76', ROP 3-1½-3½, BGG 80-580-100, TR blk oil, TR fluor, wk cut; #6 5890-99', ROP 2½-1½-2½, BGG 120-270-120, TR blk oil, TR fluor, wk cut; #7 5956-68' ROP 3-1½-2, BGG 120-240-120, TR blk oil, TR fluor, wk cut. MW 8.4, vis 27. Svy: 3° @ 6060'. CC: \$402,278.
- 4/9/94 6498' Drlg w/air & H₂O. 305'/23½ hrs. Drlg w/air & H₂O. Circ & WL svy @ 6290'. Drlg w/air & H₂O. GR 70% sd, 30% sh, BGG 75, Conn 220. Shows: #8 6256-66', ROP 5-2½-5, BGG 50-90-50, TR blk oil, TR fluor, wk cut; #9 6412-26', ROP 5-2-4½, BGG 100-180-100, TR blk oil, TR fluor, wk cut; #10 6446-60', ROP 4½-1½-5, BGG 100-220-100, TR blk oil, TR fluor, wk cut. MW 8.4, vis 27, pH 10.5, ALK 4.0/8.4, CL 5200, Ca 56. Svy 2½° @ 6290'. CC: \$418,620.
- 4/10/94 6742' Drlg w/air & H₂O. 244'/15½ hrs. Drlg w/air & H₂O. Drop svy & TOOH for bit. Change bit & TIH w/bit. W&R 35' to btm. Drlg w/air & H₂O, circ & WL svy @ 6649' MSF. Drlg w/air & H₂O. GR 80% ss, 20% sh, BGG 100, Conn 220, TG 350. Shows: #11 6498-6506', ROP 4½-1½-4½, BGG 80-160-80, TR blk oil, TR fluor, wk cut; #12 6520-38', ROP 3½-1½-3½, BGG 90-200-80, TR blk oil, TR fluor, wk cut; #13 6554-66', ROP 3½-1½-4, BGG 80-100-70, TR blk oil, 10% fluor, wk cut; #14 6604-20', ROP 4-1½-5, BGG 70-200-100, TR blk oil, 10% fluor, wk cut. MW 8.4, vis 27, pH 10.5, ALK 5.0/9.2, CL 4800, Ca 48. CC: \$439,787.
- 4/11/94 7100' Drlg w/air & H₂O. 358'/23½ hrs. Drlg w/air & H₂O. Circ & WL svy @ 6756'. Drlg w/air & H₂O. GR 70% ss, 30% sh, BGG 150, Conn 220. Show #15: 6896-6914', ROP 7½-2½-6½, BGG 80-200-150, TR blk oil, 10% fluor, wk cut. MW 8.5, vis 27, pH 11.0, ALK 6.4/15.4, CL 10,000, Ca 68. Svy: 2° 2 6756'. CC: \$450,952.
- 4/12/94 7200' TOH w/BHA to run csg. 100'/7 hrs. Drlg w/air & H₂O, RS. Drlg w/air & H₂O. Circ & cond for logs w/no returns. TOOH for logs & SLM out strap 7201, no corr. RU Schlumberger & run DLL-SP & sonic from TD to 5000' & CAL-GR to surface logger TD 7195', temp 104°, FL 2800'. RD logger. TIH w/bit & change out jars. Circ & cond for csg w/no returns. POOH for csg. GR 60% sd, 40% sh, BGG 100, Conn 200. MW 8.5, vis 27, pH 10.5, ALK 9.6/27.7, CL 15,000, Ca 100. CC: \$479,213.
- 4/13/94 7200' WOC. DV tool @ 3018', pkr @ 3022'. POOH for csg. RU, LD mech & LD 8½" DC & pull wear ring. RU T&M csg tools. Run 9% 40# CF-95 Butt R-3. Run 104

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 3

- jts w/FS, FC & 5 cent. PU 9%" CTC csg pkr, DV tool & run 73 jts 9%" 40# CF-95 Butt R-3, w/4 cent, total ft. 7204.91. RU Halliburton & circ w/no returns. Cmt 1st stage w/325 sx Hi-fill cmt, WT 11#/gal, yld 3.82 CF/sx, followed by 675 sx 50-50 POZ w/2% gel, 10% salt, ¼#/sx Flocele, 0.3% Halad 322, WT 14.2#/gal, yld 1.29 CF/sx. Pmp tail cmt w/200 sx Class H w/¼# per sx Flocele. Drop plug & disp w/542 bbls FW. Pmp plug w/500 psi, no lift, circ, cmt returns. Pkr open w/1400 psi, inflate w/0.6 bbl. Drop bomb & open DV tools. Cmt 2nd stage w/675 sx Hi-fill cmt, WT 11#/gal, yld 3.82 CF/sx. Pmp tail cmt w/200 sx Premium type 5 cmt w/2% CaCl₂, ¼#/sx Flocele, WT 15.6#/gal, yld 1.18 CF/sx. Drop plug & disp w/229 bbls FW. Pmp plug w/2000 psi, no circ, cmt returns & lift. WOC from Vernal. MW 8.5, vis 27, pH 11.0, ALK 9.5/22, CL 15,000, Ca 48. CC: \$519,702.
- 4/14/94 7200' PT BOPE. WOC. Run 200' 1" pipe, cmt w/90 sx Hi-fill cmt, WT 11#/gal, yld 3.82 CF/sx, 200 sx Thioxotropic, WT 13.7#/gal, yld 1.80 CF/sx. WOC. Run 200' 1" pipe, cmt w/200 sx Thioxotropic, WT 13.7#/gal, yld 1.80 CF/sx. WOC. Run 200' 1" pipe, cmt w/150 sx type 5 Premium AG cmt, WT 15.6#/gal, yld 1.18 CF/sx. WOC. Run 189' 1" pipe, cmt w/ 60 sx type 5 Premium AG cmt, WT 15.6#/gal, yld 1.18 CF/sx. ND BOPE & set slip. NU 9%" csg hd. NU BOPE. PT BOPE. MW 8.5, vis 27, pH 10.5, ALK 8.5/21.5, CL 15,000, Ca 64. CC: \$721,537.
- 4/15/94 7200' POOH w/bit for CBL. PT chk manifold 5000 psi 10 min--ok; csg 1500 psi 30 min--ok; all rams, BOPs, valves, HCR valve, upper & lower kelly cock, safety valve 5000 psi 10 min--ok; & Hyd 2500 psi 10 min--ok. PU bit, JS, BS & 16-6½DC. Magna flux DC, LD 6 cracked DC. TIH w/ bit. Drlg cmt, DV tool & PT csg 1500 psi 10 min--ok. TIH w/bit to 6989'. Drlg cmt to float. Circ btm up. POOH for CBL. MW 8.5, vis 27, pH 10.5, ALK 8.6/22.3, CL 15,000, Ca 52. CC: \$756,169.
- 4/16/94 7425' Drlg w/air & H₂O. 225'/9 hrs. TOOH w/bit for CBL. RU OWP & run CBL from FC to surf, logger TD 7140', cmt 7140-4680', 4680-3040' free pipe from DV tool, 3030-1870' cmt, 1870-1550' free pipe, 1550'-surf csg, cmt & RD logger. PT csg 1500 psi 30 min, ok. PU bit, 3 pt, IBS, TIH w/bit, place DP rubbers on 50 std. Pull function test on BOP's for BLM. Drlg FC, cmt & shoe. Drlg 10' fm 7200-7210'. No shoe test pmp 4 bbls H₂O, no press. Drlg w/air & H₂O, GR 60% sh, 40% ss, BGG 360, Conn 1400, TG 50. MW 8.5, vis 27, pH 11.0, ALK 9.0/21.5, CL 14,000, Ca 48. CC: \$778,097.
- 4/17/94 7835' Drlg w/air & H₂O. 410'/22½ hrs. Drlg w/air & H₂O. RS & check BOP's. Drlg w/air & H₂O, circ & WL svy @ 7558'. Drlg w/air & H₂O. GR 60% sh, 40% ss, BGG 100, Conn 500. Shows: #20 7428-50', ROP 3½-1-3½, BGG 200-500-200, TR blk oil, 20% fluor, wk cut; #21 7468-82', ROP 3½-1-3½, BGG 200-500-200, TR blk oil, 20% fluor, wk cut. MW 8.7, vis 27, pH 11.0, ALK 12.8/36, CL 20,000, Ca TR. Svy: 2½° @ 7558'. CC: \$793,991.
- 4/18/94 8215' Drlg w/H₂O & no returns. 380'/23 hrs. Drlg w/air & H₂O. RS & check BOP's. Drlg w/air & H₂O, cut air off 11:00 PM. Lost 600 psi after conn pmp solf line & check pmp & surf equip. Drlg w/H₂O & no returns, lost @ 8136'. GR 70% sd, 30% sh, BGG 70, Conn 400-600. Shows: #22 7894-7906', ROP 3-1-4½, BGG 100-200-100, TR brn oil, 10% fluor, wk cut; #23 8022-30', ROP 5-2½-4½, BGG 75-300-75, TR blk oil, 10% fluor, wk cut; #24 8120-28', ROP 4-2½-4½, BGG 72-300-75, TR blk oil, 10% fluor, wk cut. MW 8.8, vis 27, pH 10.5, ALK 14.1/36.7, CL 25,000, Ca TR. CC: \$809,905.
- 4/19/94 8381' TIH w/bit. 166'/10 hrs. Drlg w/H₂O, no returns. Pmp gel & LCM sweep. Drlg w/air & H₂O. RS & check BOP's. Drlg w/air & H₂O. Load hole w/H₂O & pmp gel & LCM pill, no returns. POOH w/bit, LD 24 jts DP, pull rubber off DP. Change bit, work rams & TIH w/bit. Cut drlg line. TIH w/bit, PU 24 jts DP & rubber DP. 1850 psi @ 10:05 PM. GR 60% ss, 40% sh, BGG 50, Conn 200. MW 8.8, vis 27, pH 10.5, ALK 12.3/31.6, CL 25,000, Ca 40. CC: \$823,343.
- 4/20/94 8885' Drlg. 504'/21 hrs. Brk circ & W&R from 8290-8381'. Drlg w/aerated wtr, RS. Drlg w/ aerated wtr to 8641'. WL svy @ 8604'. Drlg w/aerated wtr, ran LCM sweeps @ 8846' & 8712'. GR 60% sh, 40% ls, BGG 60, CG 200, TG 1000. Shows: #26 8514-24', ROP 3½-1-2½, BGG 100-200-150, TR blk oil, TR fluor, wk cut; #27 8572-

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 4

- 94', ROP 2½-1-3, BGG 150-200-150, TR blk oil, TR fluor, wk cut. MW 8.8, vis 27, ALK 11.3/29.3, CL 23,000, Ca 48. Svy: 3½° @ 8604'. CC: \$841,029.
- 4/21/94 9316' Drlg. 431'/22½ hrs. Drlg w/aerated wtr. RS, function test BOP's. Drlg w/wtr, mix LCM sweeps @ 8950' & 9000'. Hole circ w/90% returns. Start mud up @ 9020'. Repairs: valve in stand pipe & FL valve. Drlg from 9086'-9316', tight on conn @ 9117' & 9148'. GR 90% sh, 10% ls, BGG 10, CG 40. Lost approx 150 bbls of mud after mud up. MW 8.8, vis 34, FL 48.8, PV 4, YP 2, LCM TR, solids 1%, pH 10.5, ALK 11.8/32.8, CL 25,000, Ca 40, gels 0/1, wall cake 2/32nd. CC: \$856,366.
- 4/22/94 9483' Drlg. 167'/11 hrs. Drlg 9316'-9399', tight conn @ 9368'. RS & check BOP's. Drlg. Totco & slug pipe. Trip for bit #10, gauge tool jts, LD & PU 18 jts DP, W&R 65' to btm. Drlg 9461'-9483'. GR 90% sh, 10% ls. Show #28 9342-70', ROP 4-2½-3½, BGG 30-60-30, 10% fluor, wk cut. BGG 20, CG 50, TG 250. Lost approx 300 bbls mud last 24 hrs. MW 8.9, vis 30, FL 62.4, PV 4, YP 4, LCM 2%, solids 2%, pH 10.5, ALK 10/27.4, CL 23,000, Ca 32, gels 1/2, wall cake 2/32nd. Svy: 4½° @ 9419'. CC: \$896,439.
- 4/23/94 9628' Drlg. 145'/16 hrs. Drlg 9483'-9487', RS. Drlg 9487'-9496'. Trip for bit #11, no fill. Drlg 9496'-9628'. GR 90% sh, 10% ls, BGG 20, CG 70, TG 150. Shows: #29 9524-32', ROP 4-2½-4, BGG 50-70-50, TR fluor, wk cut, no oil show; #30 9560-66', ROP 4-2½-4½, BGG 40-70-40, TR fluor, wk cut, no oil show. No mud lost last 24 hrs. MW 8.8, vis 33, FL 52, PV 5, YP 5, LCM 1.5%, solids 2%, pH 10.5, ALK 8.4/24.3, CL 22,000, Ca 32, gels 1/3, wall cake 2/32nd. CC: \$917,190.
- 4/24/94 9888' Drlg. 260'/20 hrs. Drlg, RS, check BOP's. Drlg, lost circ @ 9880'. Mix mud & LCM pills, regain full circ, lost 450 bbls of mud. Drlg. GR 90% sh, 10% ls, BGG 10, CG 30. Shows: #31 9664-88', ROP 5½-2½-4, BGG 10-40-10, TR fluor, wk cut, no oil; #32 9756-70', ROP 4½-2½-5, BGG 10-35-10, TR fluor, wk cut, no oil. MW 8.8, vis 37, FL 37.6, PV 7, YP 11, LCM 5%, solids 2%, pH 10.5, ALK 6.2/18.8, CL 17,000, Ca 36, gels 2/6, wall cake 2/32nd. CC: \$929,284.
- 4/25/94 10,176' Drlg. 288'/23½ hrs. Drlg, RS & check BOP's. Drlg. GR 80% sh, 20% sd, BGG 10, CG 20. Shows: #33 9918-40', ROP 4-2½-4½, BGG 10-70-10, TR fluor, wk cut, no oil; #34 9954-70', ROP 5-2-5, BGG 10-50-10, 30% fluor, gd cut, no oil; #35 10,088-104', ROP 6-2½-6, BGG 10-20-10, 20% fluor, wk cut, no oil; #36 10,122-40', ROP 7½-2½-7, BGG 10-30-10, 30% fluor, wk cut, no oil. Lost 100 bbls mud last 24 hrs. MW 8.9, vis 34, FL 36, PV 6, YP 12, LCM 10%, pH 10, ALK 5.9/17.1, CL 16,000, Ca 12, gels 8/10, wall cake 2/32nd. CC: \$941,297.
- 4/26/94 10,332' Tripping in hole w/bit #12. 156'/15 hrs. Drlg, RS & check BOP's. Drlg. Repairs - dwks blower motor. Drlg. Totco, TOOH for bit #12, LD 30 jts 5" 19.5# S135 DP. Chng out bit, 3 pt & 1 IBS. PU 3 DC's & TIH w/BHA. GR 90% sh, 10% ss, BGG 10, CG 20. Show #37 10,298-312', ROP 5-1-5½, BGG 10-40-10, 10% fluor, wk cut, no oil. Lost approx 50 bbls mud last 24 hrs due to fractures. MW 9.0, vis 33, FL 40, PV 6, YP 8, LCM 8%, solids 3.5%, pH 10, ALK 5.6/16, CL 16,000, Ca 16, gels 5/5, wall cake 2/32nd. Svy: 3° @ 10,309'. CC: \$956,787.
- 4/27/94 10,442' Drlg. 110'/10½ hrs. TIH. Repairs - dwks clutch. PU 27 jts 19.5# "E" DP & TIH, hit bridge @ 9392'. W&R 9392'-10,332' (9392'-9950' slow reaming, 9951'-10,332' very few tight spots). Drlg 10,332'-10,442'. Fm M-1 marker 90% sh, 10% sd, top of M-1 marker 10,290', BGG 10, CG 45, TG 40. Show #38 10,388-96', ROP 5½-3-5½, BGG 10-50-10, TR fluor, wk cut, no oil. No mud lost last 24 hrs. MW 8.9, vis 33, FL 32.8, PV 6, YP 9, LCM 8%, solids 4%, pH 10, ALK 5.1/16, CL 14,000, Ca 40, gels 3/6, wall cake 2/32nd. CC: \$971,346.
- 4/28/94 10,622' Drlg. 180'/19 hrs. Drlg, RS. Drlg. Lost circ (fracture) @ 10,618'. Mix & pmp LCM, regain circ. Lost approx 500 bbls. Drlg, RS. GR 50% lm, 30% sh, 20% ss, BGG 10, CG 20. Show #39 10,537-56', ROP 8-3-7, BGG 10-20-10, 80% fluor, fair cut, no oil. Total mud lost last 24 hrs: approx 500 bbls. MW 9.0, vis 35, FL 25, PV 7, YP 3, LCM 20%, solids 4%, pH 10.5, ALK 5.1/13.5, CL 13,500, Ca 72, gels 2/2, wall cake 2/32nd. CC: \$984,446.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 5

- 4/29/94 10,830' Drlg. 208'/24 hrs. Drlg. Fm: 80% sh, 20% sd, BGG 5, CG 10. Shows: #40 10,624-34', ROP 7-2-9, BGG 10-100-10, TR fluor, very wk cut, no oil; #41 10,712-22', ROP 8-1-10, BGG 10-40-10, 40% fluor, wk cut, no oil. MW 9.0, vis 34, FL 20, PV 7, YP 8, LCM 8%, solids 4%, pH 10, ALK 4.8/14.3, Lm 12.5, CL 13,000, Ca 20, gels 2/5, wall cake 2/32nd. CC: \$994,959.
- 4/30/94 10,945' LD BHA (10 DC's left in hole). 115'/16½ hrs. Drlg, RS. Drlg. Totco TOOH & LD BHA. 70% sh (20% rods), 30% ss, BGG 10, CG 18. Show #42 10,846-64', ROP 10-3-8, BGG 5-35-10, no fluor, no cut, no oil. MW 9.1, vis 36, FL 20, PV 8, YP 13, LCM 6%, pH 10.5, ALK 5.0/16.5, CL 14,000, Ca 20, gels 5/10, wall cake 2/32nd. CC: \$1,011,449.
- 5/1/94 11,040' Drlg. 95'/9 hrs. Finish LD BHA. PU BHA for 7¼" hole. TIH to 4000'. Cut DL. PU 21 jts DP & TIH to 10,900', change DP rubbers, lost circ while TIH. Lost circ - mix mud & LCM. Wash to btm (90% returns), drlg w/100% returns. Wasatch 90% sh (70% rods), 10% ss, BGG 10, CG 20, TG 160. No shows. Lost 800 bbls mud last 24 hrs. MW 9.0, vis 34, FL 32, PV 6, YP 4, LCM 6%, solids 4%, pH 10.5, ALK 5.0/15.5, Lm 0.2, CL 14,000, Ca 64, gels 2/4, wall cake 2/32nd. Svy: 3¼" @ 10,915'. CC: \$1,048,765.
- 5/2/94 11,190' Drlg. 150'/23½ hrs. Drlg, RS. Drlg. Wasatch 80% sh, 20% sd, BGG 5, CG 10. No shows. No mud lost last 24 hrs. MW 8.9, vis 34, FL 20.8, PV 7, YP 8, LCM 8%, solids 3.5%, pH 11, ALK 5.6/14.6, Lm 0.23, CL 14,000, Ca 40, gels 3/6, wall cake 2/32nd. CC: \$1,058,837.
- 5/3/94 11,355' TFNB. 165'/21½ hrs. Drlg, RS. Drlg. Spot 50 bbls LCM pill on btm & slug pipe. TOOH. Wasatch 90% sh, 10% ss, BGG 5, CG 10. Show #43 11,240-52', ROP 6½-3½-6, BGG 5-15-5, no fluor, cut, or oil. No mud lost last 24 hrs. MW 9.0, vis 36, FL 20, PV 9, YP 9, LCM 8%, solids 4%, pH 11, ALK 6.3/16, Lm 0.1, CL 14,000, Ca 20, gels 5/10, wall cake 2/32nd. CC: \$1,077,953.
- 5/4/94 11,555' Drlg. 200'/15½ hrs. TOOH FNB. PU bit, change DC. TIH w/PDC. W&R 39' to btm, no fill. Drlg. Wasatch 90% sh, 10% ss, BGG 10, CG 15, TG 160, 80% Red. No shows. MW 9.0, vis 36, FL 18.8, PV 7, YP 14, LCM 8%, solids 5%, pH 11.5, ALK 6.2/15, Lm 0.2, CL 15,000, Ca TR, gels 8/8, wall cake 2/32nd. CC: \$1,100,325.
- 5/5/94 11,880' Drlg. 325'/23½ hrs. Drlg. RS & check BOP's. Drlg. Lost 60 bbls last 24 hrs. Wasatch 90% sh, 10% ss, BG 5, CG 10. MW 9.1, vis 34, FL 20.4, PV 7, YP 16, LCM 6%, solids 5.7%, pH 11.5, ALK 7.0/14, CL 14,000, Ca TR, gels 12/8, wall cake 2/32nd. CC: \$1,100,687.
- 5/6/94 11,965' Drlg. 85'/12½ hrs. Drlg. RS & check BOP's. Drlg. Pmp pill & svy. TOOH w/PDC. WO PDC, check stab & work rams. TIH w/PDC & change DP rubbers. W&R 17' to btm, no fill. Drlg. Lost 100 bbls in 24 hrs. Wasatch 80% sh, 10% ss, 10% ls, BG 5, CG 10. Show #44 11,908-18', ROP 4½-2½-6½, BGG 5-40-5, no oil, no fluor, no cut. MW 9.1, vis 38, FL 8.8, PV 7, YP 18, LCM 5%, solids 6%, pH 12.0, ALK 7.8/13.5, Lm 0.18, CL 15,000, Ca TR, gels 9/9, wall cake 2/32nd. Svy: 3½" @ 11,850'. CC: \$1,111,915.
- 5/7/94 12,106' Drlg. 141'/23½ hrs. Drlg. RS & check BOP's. Drlg. Wasatch 90% sh, 10% ss, BG 4, CG 8, TG 50. MW 9.3, vis 30, FL 8.0, PV 4, YP 4, LCM 8%, solids 6%, pH 12.5, ALK 8.8/10.5, Lm 3.4, CL 13,000, Ca 28, gels 0/1, wall cake 2/32nd. CC: \$1,129,599.
- 5/8/94 12,165' Drlg. 59'/10½ hrs. Drlg. Pmp pill, TOOH PDC & work tight hole from 12,117'-11,741'. Change bit, RS, & work rams. TIH w/PDC & change jars. W&R from 12,064'-12,109'. Lost returns, mix LCM pill, pmp @ 20 to 30% & W&R from 12,109'-12,117'. Drlg. Lost 600 bbls last 24 hrs. Wasatch 90% sh, 10% ss, BG 4, CG 8, TG 70. MW 9.3, vis 34, FL 8.0, PV 7, YP 4, LCM 12%, solids 6%, pH 12.5, ALK 7.5/11.5, Lm 1.1, CL 14,000, Ca 12, gels 0/1, wall cake 2/32nd. CC: \$1,148,776.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 6

- 5/9/94 12,233' PT BOPE & prep to TIH w/new bit. 68'/16½ hrs. Drlg. RS & work BOP's. Drlg & spot LCM pill on btm. Pmp pill & TOOH w/PDC. Pull wear ring & PT blind rams, BOPE valves, ack valves, manifold valves 5000 psi 10 min, ok. Lost 60 bbls last 24 hrs. Wasatch 90% sh, 10% ss, BG 4, CG 8. Show #45 12,182-94', ROP 7-3½-13, BGG 4-30-4, no oil, no fluor, no cut. MW 9.0, vis 38, FL 8.0, PV 8, YP 12, LCM 9%, solids 4%, pH 12.0, ALK 6.5/10.5, Lm 1.5, CL 12,500, Ca TR, gels 3/8, wall cake 2/32nd. CC: \$1,160,471.
- 5/10/94 12,313' Drlg. 80'/12½ hrs. Finish PT pipe rams, upper & lower kelly cock, BOP's, valves to 5000 psi, 10 min, ok & HYD to 2500 psi, 10 min, ok. Install wear bushing. PU bit, 3-6¼" DC & TIH w/bit to 7000'. Cut drlg line. PU kelly, break circ @ 7000'. Finish TIH w/bit. W&R to btm from 12,158'-12,233', 5' fill. Drlg. Wasatch 90% sh, 10% ss, BG 4, CG 8, TG 225. MW 9.1, vis 34, FL 12, PV 7, YP 6, LCM 10%, solids 5%, pH 12.0, ALK 5.1/10.2, Lm 1.13, CL 12,800, Ca TR, gels 2/5, wall cake 2/32nd. CC: \$1,181,260.
- 5/11/94 12,456' Drlg. 143'/23½ hrs. Drlg. RS & check BOP's. Drlg. Wasatch 90% sh, 10% ss, BG 4, CG 8. MW 9.3+, vis 36, FL 10.4, PV 8, YP 7, LCM 10%, solids 6%, pH 12.0, ALK 4.5/9.0, Lm 1.2, CL 12,500, Ca TR, gels 2/6, wall cake 2/32nd. CC: \$1,192,438.
- 5/12/94 12,603' Drlg. 147'/23 hrs. Drlg. RS & work BOP's. Drlg. 20 bbls mud gain, check for flow, well not flowing, BOP, drill. Drlg. Lost 75 bbls last 24 hrs. Wasatch 80% sh, 20% sd, BG 3, CG 6. Show #46 12,450-60', ROP 10-6½-9½, BGG 4-40-4, no oil, 10% fluor, wk cut. MW 9.4, vis 34, FL 11.2, PV 8, YP 4, LCM 10%, solids 7%, pH 12.0, ALK 4.4/9.2, Lm 1.75, CL 12,000, Ca 20, gels 1/2, wall cake 2/32nd. CC: \$1,203,539.
- 5/13/94 12,713' Drlg. 110'/18½ hrs. Drlg. RS & work BOP's. Drlg lost returns @ 12,670'. Mix & pmp 25-30% LCM pills, lost 900 bbls mud. Drlg lost returns @ 12,673'. Mix & pmp LCM pills w/30% LCM. Drlg. Lost a total of 1200 bbls of mud in last 24 hrs. Wasatch 80% sh, 20% ss, BG 20, CG 125, DT-LCZ 30. Show #47 12,670-78', ROP 9-5-14, BGG 3-350-20, no oil, TR fluor, wk cut. MW 9.0, vis 37, FL 11.2, PV 8, YP 6, LCM 10%, solids 4%, pH 11.5, ALK 2.4/4.8, Lm 1.4, CL 8,000, Ca TR, gels 3/7, wall cake 2/32nd. CC: \$1,212,781.
- 5/14/94 12,800' Drlg. 87'/15 hrs. Drlg & spot 80 bbls LCM pill. Pmp pill & TOOH w/bit. RS, work rams, change bit & gauge IBS. TIH w/bit & wash 39' to btm, no fill. Drlg. Lost 40 bbls last 24 hrs. Wasatch 80% sh, 20% sd, BG 12, CG 30, TG 350. MW 9.0+, vis 36, FL 8.4, PV 8, YP 4, LCM 10%, solids 4%, pH 11.5, ALK 1.0/1.8, Lm 0.8, CL 8,000, Ca TR, gels 1/2, wall cake 2/32nd. CC: \$1,239,603.
- 5/15/94 12,952' Drlg. 152'/23½ hrs. Drlg. RS & function test BOP's. Drlg. Lost 20 bbls @ 12,914-15'. Wasatch 70% sh, 20% ss, 10% ls, BG 6, CG 10, no shows. MW 9.1+, vis 37, FL 7.0, PV 9, YP 6, LCM 10%, solids 5%, pH 11.5, ALK 0.8/1.5, Lm 0.73, CL 9,000, Ca 20, gels 0/2, wall cake 2/32nd. CC: \$1,253,775.
- 5/16/94 13,102' Drlg. 150'/23½ hrs. Drlg. RS, work BOP's & drill. Drlg. Wasatch 80% sh, 20% ss, BG 4, CG 8. Show #48 12,968-74', ROP 11-9-11, BG 5-15-5, no oil, no fluor, wk cut. MW 9.2, vis 38, FL 6.4, PV 11, YP 6, LCM 8%, solids 5%, pH 11.5, ALK 0.9/1.6, Lm 1.1, CL 7,500, Ca 60, gels 1/1, wall cake 2/32nd. CC: \$1,264,573.
- 5/17/94 13,227' Drlg. 125'/23½ hrs. Drlg. RS & check BOP's. Drlg. Wasatch 90% sh, 10% ss, BG 8, CG 16. Show #49 13,088-98', ROP 11½-4-11½, BGG 4-40-4, no oil, no fluor, no cut. MW 9.3, vis 37, FL 7.2, PV 11, YP 4, LCM 5%, solids 6%, pH 12.0, ALK 1.7/3.3, Lm 1.2, CL 7,000, Ca 56, gels 0/1, wall cake 2/32nd. CC: \$1,277,338.
- 5/18/94 13,278' Drlg. 51'/9½ hrs. Drlg & spot LCM pill on btm. Pmp pill & TOOH w/bit. Magna flux, BHA, LD 4 cracked DC. Change bit, check rams, TIH w/PDC & PU 1 DC. PU kelly, brk circ @ 7200'. Finish TIH w/PDC. W&R from 13,195'-13,265'. Drlg. Lost 30 bbls mud in 24 hrs. Wasatch 100% sh, BG 10, CG 17, TG

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 7

120. MW 9.3, vis 41, FL 7.2, PV 13, YP 7, LCM 5%, solids 6.5%, pH 11.5, ALK 1.2/2.8, Lm 1.2, CL 6,000, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,316,439.
- 5/19/94 13,480' Drlg. 202'/23½ hrs. Drlg, RS. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 10, CG 16. Shows: #50 13,328-38', ROP 9-5½-8, BGG 10-50-10, no oil, no fluor, no cut; #51 13,404-14', ROP 6½-5½-8, BGG 10-40-10, no oil, no fluor, no cut. MW 9.3, vis 39, FL 7.2, PV 12, YP 6, solids 6.5%, pH 12, ALK 1.8/3.5, CL 6,500, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,335,614.
- 5/20/94 13,685' Drlg. 205'/23½ hrs. Drlg, RS. Drlg. Lost 75 bbls mud to seepage in last 24 hrs. Wasatch 90% sh, 10% ss, BG 8, CG 20. Shows: #52 13,458-78', ROP 6-4½-7, BGG 10-60-10, no oil, no fluor, no cut; #53 13,570-88', ROP 7-4-10, BGG 10-35-10, no oil, no fluor, wk cut. MW 9.4, vis 37, FL 7.2, PV 12, YP 5, solids 7%, pH 12, ALK 2.4/4.3, CL 6,000, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,348,373.
- 5/21/94 13,857' Drlg. 172'/23½ hrs. Drlg, RS. Drlg. Wasatch 100% sh, BG 40, CG 60. Shows: #54 13,670-76', ROP 7½-4½-8½, BGG 10-130-10, no oil, no fluor, wk cut; #55 13,709-44', ROP 5-3-7, BGG 10-50-20, no oil, no fluor, wk cut; #56 13,750-70', ROP 10½-4½-12, BGG 20-60-30, no oil, no fluor, wk cut; #57 13,778-800', ROP 13½-6-9, BGG 30-80-40, no oil, no fluor, wk cut. MW 9.3, vis 38, FL 6.5, PV 12, YP 5, solids 7%, pH 12, ALK 3/4.3, CL 6,000, Ca 120, gels 1/1, wall cake 2/32nd. CC: \$1,358,061.
- 5/22/94 13,984' Drlg. 127'/23½ hrs. Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BG 40, CG 70. Shows: #58 13,850-56' ROP 16-6½-12, BGG 40-70-40, no oil, no fluor, no cut; #59 13,966-78', ROP 21-4½-14, BGG 40-600-100, no oil, no fluor, wk cut. MW 9.3, vis 38, FL 10.4, PV 11, YP 6, solids 6.5%, pH 12, ALK 2.8/4.1, CL 6,000, Ca 160, gels 1/2, wall cake 2/32nd. CC: \$1,372,834.
- 5/23/94 14,078' Drlg. 94'/23½ hrs. Drlg, RS. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 50, CG 200, no shows. MW 9.3, vis 40, FL 10, PV 13, YP 6, solids 6.5%, pH 12, ALK 2.4/3.6, CL 6,000, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,382,569.
- 5/24/94 14,180' Drlg. 102'/23½ hrs. Drlg, RS. Drlg. No mud loss. Wasatch 70% sh, 20% ss, 10% ls, BG 20, CG 150, no shows. MW 9.3, vis 39, FL 12, PV 11, YP 5, solids 6.5%, pH 12, ALK 1.8/2.8, CL 5,000, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,393,161.
- 5/25/94 14,254' Drlg. 74'/19 hrs. Drlg. Work tight hole from 14,155'-14,203'. Short trip 10 stds, no tight spots. W&R 45' to btm. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 10, CG 30. Shows: #60 14,170-78', ROP 8-20-16, BGG 20-60-20, no oil, no fluor, wk cut; #61 14,208-14', ROP 20-18-19, BGG 19-10-20, no oil, no fluor, wk cut; #62 14,226-32', ROP 15-16-12, BGG 10-20-10, no oil, no fluor, wk cut. MW 9.3, vis 40, FL 9.6, PV 12, YP 8, solids 7%, pH 12, ALK 1.6/2.6, CL 5,000, Ca 120, gels 1/3, wall cake 2/32nd. CC: \$1,402,809.
- 5/26/94 14,323' TFNB. 69'/20½ hrs. Drlg, RS. Drlg. POOH (spotted LCM pill on btm). No mud loss. Wasatch 90% sh, 10% ss, BG 10, CG 50. Shows: #63 14,248-60', ROP 19-12½-18½, BGG 10-30-10, no oil, no fluor, wk cut; #64 14,280-88', ROP 17½-11-17, BGG 10-25-10, no oil, no fluor, wk cut. MW 9.4, vis 40, FL 8.8, PV 12, YP 10, solids 7%, pH 12, ALK 1.5/2.3, CL 4,500, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,412,120.
- 5/27/94 14,394' Drlg. 71'/13 hrs. POOH for bit, RS. TIH, picked up 3 6¼" DC, cut drlg line. TIH, W&R 45' to btm, 6' fill. Drlg. No mud loss. Wasatch 90% sh, 10% ss, BG 20, CG 30, TG 600. Show #65 14,362-70', ROP 8-4-11, BGG 15-30-20, no oil, no fluor, TR cut. MW 9.4, vis 39, FL 8, PV 11, YP 6, solids 7%, pH 12, ALK 1.3/2.3, CL 4,500, Ca 200, gels 1/2, wall cake 2/32nd. CC: \$1,436,654.
- 5/28/94 14,454' Drlg. 60'/14½ hrs. Drlg, work tight hole 14,409'-14,342'. Drlg, work tight hole 14,412'-14,392'. Drlg, RS. Drlg, work tight hole 14,447'-14,400'. Drlg, work tight hole 14,450'-14,410'. Drlg. Wasatch 90% sh, 10% ss, BGG 20,

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-28B6
Blacktail Prospect
Duchesne County, UT

PAGE 8

- CG 40. Show #66 14,392-402', ROP 17½-2-12, BGG 20-25-20, no oil, no fluor, TR cut. MW 9.4, vis 40, FL 8, PV 12, YP 8, solids 7%, pH 12, ALK 1.5/2.6, CL 4,000, Ca 136, gels 1/2, wall cake 2/32nd. CC: \$1,445,929.
- 5/29/94 14,500' Mix & pmp LCM for loss circ. 46'/14 hrs. Work tight hole 14,454'. Drlg, short trip 20 stds, tight 14,455'-14,155'. Drlg, work tight hole 14,462'. Drlg, work tight hole 14,480'. Drlg, short trip 5 stds, tight hole 14,489'-14,140'. Drlg lost ret @ 14,500'. Mix & pmp LCM. Wasatch 90% sh, 10% ss, BGG 20, CG 30. Show #67 14,446-50', ROP 26-12-30, BGG 20-25-20, no oil, no fluor, no cut. MW 9.7, vis 47, FL 7.6, PV 17, YP 8, solids 8%, pH 12, ALK 1.9/3.2, CL 4,000, Ca 200, gels 2/4, wall cake 2/32nd. CC: \$1,456,401.
- 5/30/94 14,550' Short trip. 50'/13 hrs. Mix & pmp LCM @ 14,500', spotted 2 pills & got ret, lost 900 bbls mud. Drlg, RS. Drlg, circ & cond for short trip. Short trip 40 stds, 40,000# drag TD-14,090' & a tight spot @ 13,714'. Circ & cond. Short trip. Wasatch 90% sh, 10% ss, BG 10, CG 20, TG 150. Show #68 14,528-36', ROP 16½-6½-18, BGG 20-25-20, no oil, no fluor, no cut. MW 9.5, vis 39, FL 7.2, PV 13, YP 6, solids 7%, pH 12, ALK 1.3/2.6, CL 4,000, Ca 104, gels 1/2, wall cake 2/32nd. CC: \$1,471,116.
- 5/31/94 14,550' Circ & cond hole for logs. Circ & cond for logs. POOH, SLM, no corr. Logging w/Schlumberger, 1st run bit went to btm, loggers TD 14,551', 2nd set dwn @ 13,780'. TIH w/bit #20 to TD. Circ & cond. No mud loss. BGG 10, CG 20. MW 9.5, vis 40, FL 6.8, PV 12, YP 10, solids 7%, pH 11.8, ALK 0.9/2.4, CL 4,000, Ca 112, gels 1/1, wall cake 2/32nd. CC: \$1,485,704.
- 6/1/94 14,550' TIH w/bit to cond for logs. Circ & cond for logs. POOH, no tight spots. Logging ran Sonic-GR-Cal, set dwn @ 13,650'. Log 13,650'-7175' (9% csg), 2 passes. Ran FMI, set dwn @ 13,600', log 13,600'-12,500'. TIH to 9% shoe (left out 2 stds DC). Cut drlg line. TIH. MW 9.5, vis 40, FL 6.8, PV 12, YP 6, LCM 2%, solids 7%, pH 11.5, ALK 0.8/2, CL 4,000, Ca 120, gels 1/2, wall cake 2/32nd. CC: \$1,496,006.
- 6/2/94 14,550' Lost returns @ 14,550', mix LCM & pmpg. TIH w/bit. Install rot hd. W&R 13,600'-13,932' & try to run std @ 13,939', wouldn't go. RS & check BOP's. W&R 13,932'-14,550' & raise MW 9.7. Circ & cond for logs w/MW 9.7 & lost returns @ 14,550'. Mix & pmp LCM pill w/no returns. Lost 1100 bbls in 24 hrs. BG 10, CG 20, TG 125. MW 9.7, vis 50, FL 6.8, PV 25, YP 15, TR oil, LCM 2%, solids 9%, pH 11.5, ALK 16/2, Lm 1.95, CL 3,100, Ca 128, gels 2/6, wall cake 2/32nd. CC: \$1,510,972.
- 6/3/94 14,550' W&R to btm @ 9694'. Mix & pmp LCM pills @ 14,550', no returns. POOH 31 stds to 11,605', wet. Pmp LCM pill, try brk circ, no returns. POOH to 7469'. Mix & pmp LCM pill, full returns. TIH to 9443'. Brk circ, circ & circ out 9.7 MW, work on SCR (no down time). Attempt run std, wouldn't go. W&R 9443'-9694', hole falling in & swelling. Lost 700 bbls mud in 24 hrs. MW 9.5+, vis 55, FL 8.0, PV 20, YP 15, TR oil, LCM 10%, solids 8.0%, pH 11.0, ALK 15/1.5, Lm 1.6, CL 2,200, Ca 96, gels 3/15, wall cake 2/32nd. CC: \$1,521,693.
- 6/4/94 14,550' W&R to btm @ 13,102'. W&R 9694'-10,087'. TIH 4 stds & dbl to 10,525'. W&R 10,525'-10,587'. TIH to 11,416'. W&R 11,416'-11,602'. TIH to 11,916'. W&R 11,916'-11,978'. TIH to 12,755'. W&R 12,755'-12,879'. Attempt to run std, wouldn't go, W&R 12,879'-13,102'. No mud lost last 24 hrs. MW 9.7, vis 46, FL 7.6, PV 16, YP 12, TR oil, LCM 12%, solids 9%, pH 11.0, ALK 0.7/2.0, Lm 0.2, CL 2,200, Ca 88, gels 2/12, wall cake 2/32nd. CC: \$1,605,171.
- 6/5/94 14,550' W&R to btm @ 14,049'. W&R 13,102'-13,454', RS. W&R 13,454'-14,049'. MW 9.7, vis 52, FL 7.2, PV 20, YP 18, TR oil, LCM 12%, solids 10%, pH 11.0, ALK 0.8/1.9, Lm 0.2, CL 2,200, Ca 80, gels 2/15, wall cake 2/32nd. CC: \$1,621,316.
- 6/6/94 14,550' Short trip & wash to btm @ 14,520'. W&R 14,049'-14,080'. RS & check BOP's. W&R 14,080'-14,550'. Circ & cond @ 14,550'. Short trip 28 stds to shoe, 1st std tight & 7 & 8. Cut drlg line. TIH w/bit to 14,465'. W&R 14,465'-14,550'. Circ & cond for csg. Short trip 16 stds w/10-25,000 drag. No mud lost

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

TITE HOLE

UTE #2-2886
Blacktail Prospect
Duchesne County, UT

PAGE 9

Last 24 hrs. MW 9.8, vis 50, FL 6.8, PV 19, YP 14, TR oil, LCM 12%, solids 10%, pH 11.5, ALK 0.8/2.1, Lm 0.3, CL 2,200, Ca 96, gels 2/12, wall cake 2/32^{no}.
CC: \$1,630,772.

- 6/7/94 14,550' WOO to run csg. Circ & cond for csg. POOH for csg, LD stab & check blind rams. WO Halliburton Logging Serv to run Cal-GR. Run Cal-GR w/Halliburton from 14,540'-7,193'. WOO to run csg. No mud lost last 24 hrs. MW 9.8, vis 48, FL 6.8, PV 19, YP 14, TR oil, LCM 12%, solids 10%, pH 11.5, ALK 0.8/2.1, Lm 0.3, CL 2,200, Ca 96, gels 2/12, wall cake 2/32^{no}. CC: \$1,651,240.
- 6/8/94 14,550' LD 5" DP. WOO to run csg. RU Westates csg crew. Run 89 jts 5½" 23# LT&C CF-95 (total 3851.78') & run 87 jts 7" 26# LT&C CF-95 (total 3800.24'), equip w/shoe, float, LC, Bak pkr, xover, 7" liner hanger & stop ring, total liner 7693.79'. PU hanger & swivel, RD csg crew & LD mech. TIH w/DP & w/7" & 5½" liner. Circ csg before cmt. Hang liner & rot off. Cmt w/Halliburton. Pmp 40 bbls SD spacer, 980 sx silicalite (H) w/0.7% SCR-100, 0.4% uprsaset, 2% gel, 12.4#/gal, yld 1.83; tailed w/515 sx silicalite (H) w/0.7% SCR-100, 15% SSA-1, 2% gel, 12.4#/gal, yld 1:83, prop ball, displ w/342 bbls 9.8 mud. Bump plug w/1500 psi @ 2:08 AM 6/8/94. Float ok, good circ for 240 bbls in disp, then partial, press up on pkr to 2000 psi to inflate press, drop to 410, pkr wouldn't hold press. POOH 10 stds w/stinger. RU, LD mech & LD 5" DP. MW 9.8, vis 49, FL 6.4, PV 22, YP 11, TR oil, LCM 12%, solids 10%, pH 11.0, ALK 0.6/1.9, Lm 0.3, CL 2,200, Ca 112, gels 2/5, wall cake 2/32^{no}. CC: \$1,869,987.
- 6/9/94 14,550' PU 2¾" PAC DP. TL 6852', PBD 14,496'. LD 5" DP, pull DP rubbers. TIH w/DP. LD DP & 6¼" DC. PU 6-4¼" DC & TIH top liner. Drlg out liner. Circ & cond. POOH w/6½" mill & LD 4¾" DC. RU csg tong & PU 4½" drag bit, 5½" csg scraper & PU 2¾" DC & 2¾" PAC DP. MW 9.8+, vis 50, FL 6.4, PV 22, YP 12, TR oil, LCM 12%, solids 10%, pH 11.0, ALK 0.6/1.9, Lm 0.3, CL 2,200, Ca 112, gels 2/5, wall cake 2/32^{no}. CC: \$1,881,400.
- 6/10/94 14,550' LD 5" DP. PU 2¾" PAC DP. PU 3½" DP. TIH w/5" DP & mill csg scraper. Drlg cmt 14,216'-14,496'. Circ. Pmp 200 bbls pit wtr & disp csg w/700 bbls prod wtr w/inhibitor. LD 5" DP. MW 9.8, vis 40, FL 6.4, PV 22, YP 12, TR oil, LCM 8%, solids 10%, pH 11.0, ALK 0.6/1.9, Lm 0.3, CL 2,200, Ca 112, gels 2/5, wall cake 2/32^{no}. CC: \$1,891,328.
- 6/11/94 14,550' RDRT, rig released. LD 5" DP, 3½" DP, 2¾" PAC DP, 3¼" DC, scraper & mill. RD, LD mech & csg tong. ND BOP's, NU tbg spool & prod 5000 BOP's & test pipe rams & blind rams 5000 psi 10 min, ok. Rel @ 11:00 PM 6/10/94 to move to #2-2286. RDRT. CC: \$1,929,456. FINAL DRILLING REPORT.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-2886 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1
TD: 14,550' PBD: 14,493'
CSG: 5½" @ 10,685'-14,546'
PERFS: 13,000'-14,476' (WASATCH)
CWC(M\$): 2.165.0

PAGE 10

- 6/12-21/94 WO completion unit.
Drop from report until further activity. CC: \$1,929,456
- 6/27/94 RU Halliburton & est inj rate.
RU rig. RU OWP. Shoot 4 sqz holes @ 12,000'. 4 sqz holes @ 10,700'. Run Mtn States 5½" WL set retainer @ 11,950'. RD OWP. RIH w/Mtn States retainer stinger. 376 jts 2⅞". Tag retainer @ 11,950'. CC: \$1,941,532
- 6/28/94 POOH w/stinger.
Landed in 5" cmt retainer @ 11,950'. RU Halliburton. Pump-in @ 1.4 BPM, 2500# w/no returns. POOH w/2⅞" tbg. stinger. RU OWP. Perf 4 sqz holes @ 11,150'. RIH w/ret stinger. Landed stinger & RU Halliburton. Est circ thru perfs from 12,000' to 11,150' @ 2.5 BPM, 800#. Sqz'd 7" csg w/190 sx cmt. Attempt to reverse out cmt - could not. POOH w/270 jts tbg. CC: \$1,959,922
- 6/29/94 Finish POOH w/bit.
POOH w/remaining 2⅞" tbg. stinger. RU PLS. RIH w/4.545" gauge ring. Stack @ 9750'. Work down to 9863'. POOH. RD PLS. RIH w/6⅞" drag bit. XO. 333 jts tbg. Hit stringers & bridge @ 10,543' - stack out solid @ 10,603'. Pull off btm & RU circ equip. Fill wellbore w/5 bbls prod wtr. Attempt to PT. Pump 5 bbls @ 2.5 BPM @ 300#. RU power swivel & drlg head. Circ. reverse 2 BPM, returns 1 to ¾ BPM. Mill down ±5' to 10,608'. Extremely hard to maintain returns. Finally lost circ completely. Pull off btm & switch to circ conventional pump. 2 BPM w/near or full returns while circ. RD power swivel & drlg head. CC: \$1,965,684
- 6/30/94 Continue RIH w/tieback assembly.
Continue to POOH w/2⅞" tbg. drag bit. WO tools. RD floor. remove BOP's & tbg spool. MU & strip on Baker 7-7/16" OD tieback mill. XO's. Install BOP's. tbg spool. RIH w/2⅞" tbg. RU swivel. strip head. Dress 7" tieback while circ down 2⅞" tbg. RD drlg equip. POOH w/2⅞" tbg & strip off BOPE & LD 7-7/16" dress-up mill. XO equip to 7" csg. MU tieback assembly as follows: 7" tieback stem w/Chevron seals. 1-jt 26# 8rd csg w/turbolator collars. 6' x 7" tieback receptacle w/9⅞" CPH pkr. XO to 3½" tbg. Strip on BOPE. Tally & PU 96 jts 3½" 8rd tbg. RIH to 6057'. CC: \$1,974,546
- 7/1/94 Tag sand.
Continue to RIH w/3½" tbg. Tag orig tieback. Break circ down tbg. sting into tieback sleeve. PT to 800 psi. Rls set tool. set & lock pkr. PU above 7" LT @ 6796'. Try to PT csg. Pump 3-3½ BPM @ 400 psi. No test. LD 226 jts 3½" tbg. Remove BOP's. Strip off setting tool. Install 10" BOP's. RU floor. RIH w/Mtn States 7" B-2 RBP. 7" retrieving tool for RBP. 4 jts 2⅞" tbg. 9⅞" 32-A Mtn States pkr. 216 jts tbg. set RBP @ 6915'. 119' below new 7" LT @ 6796'. Pull pkr to 6728'. 68' above 7" LT & set. Fill tbg w/5 bbls. Pump 10 bbls @ 3½ BPM @ 350#. Fill csg w/10 bbls & test to 2000#. 20 min w/0 pressure loss. POOH & LD pkr. MU notched collar. RIH open ended w/214 jts to 6856'. RU Halliburton & spot 3 sx sand. POOH w/20 jts. Let sand settle. CC: \$1,995,100

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-2886 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 RI

PAGE 11

- 7/2/94 WO cmt. check pressure.
Let sand settle. RIH, tag w/2' on RBP. POOH 6 jts, let sand settle 1-hr. RIH, tag @ same place. POOH w/2 7/8", notched collar. RU Cutters. RIH, dump 2 sx sand on top of BP. RD Cutters. RIH w/SN, 2 7/8" tbg. Tag sand. PU to 6731'. RU Halliburton. Est inj rate 3 1/2 BPM @ 400#. Begin cmt job. Pump 15 BFW, 150 sx Class H cmt w/3% Cal & 0.25 pps Flocele, 1.06# yield, 16.4 ppg (28.31 bbls slurry), 1 1/2 BFW, 35 bbls prod wtr. Pull 16 jts 2 7/8". Pump cmt, staging. Leave ±3 bbls out in 9 3/4". Est TOC @ 6756'. Hold 1500#, 30 min. Bleed back 3 1/2 bbls. Reverse w/50 bbls prod wtr. Pressure well up to 1500#, took 2 1/2 bbls. RD Halliburton. CC: \$2,012,179
- 7/3/94 RIH w/6 1/8" drag bit.
Check well pressure - 1400#. Bleed off. POOH w/2 7/8". SN, RIH w/8 1/2" rock bit, 209 jts 2 7/8". Tag cmt @ 6706'. RU swivel, strip head. Drill cmt to 6818' (112'). Circ clean 50 bbls. Close tbg & PT 1500 psi, 15 min. RD swivel & circ equip. POOH w/213 jts. LD bit, MU Graco 9 3/4" csg scraper. RIH w/212 jts & 17' to 7" LT @ 6818'. Felt little or no drag in 112' milled earlier. POOH w/213 jts, LD csg scraper. CC: \$2,016,879
- 7/4/94 Continue to mill cmt in 7".
MU 6 1/8" drag bit & RIH w/2 7/8" tbg. Tag @ 6818'. RU power swivel, strip head. Drill cmt to 6825'. Fell thru. RIH to 6885', tag, mill to 6891'. Circ btms up getting sand. PT csg to 1500#, hold 15 min. Circ sand off to 6911'. Circ btms up. RD swivel, strip head. POOH w/2 7/8". 6 1/8" drag bit, RIH w/7" BP retrieving head, 2 7/8" tbg. Latch & rls 7" RBP. Work thru tight spot @ ±6866'. POOH w/216 jts & LD RBP. MU XO - 6 1/8" string mill, XO, 6 1/8" drag bit. RIH w/98 jts, x-crews. Finish RIH w/114 jts to 6802'. Rotate thru tight spots @ 6827-30', 6860-64', 6884'. RD swivel & RIH w/114 jts. Tag cmt and/or fill @ 10,524'. RU swivel & circ equip. Break circ, rev & mill down east 95' to 10,619'. CC: \$2,024,870
- 7/5/94 Continue to mill cmt in 5 1/2" liner.
Drill to 10,642', fell thru. RIH, tag, mill cmt to 5 1/2" liner @ 10,685'. Circ btms up. PT to 2000#. Bled to 1200# in 10 min. Try again - same results. RD swivel. POOH w/2 7/8" tbg. LD 6 1/8" string mill, 6 1/8" drag bit. RIH w/Mtn States 7" HD pkr, SN, 2 7/8" tbg, set pkr @ 6951'. Pump down tbg 1.5 BPM @ 1800#. Bleed off. PT csg to 2000#, hold. RIH w/pkr to 10,645'. Pump down tbg, inject 1.5 BPM @ 1800#. PT csg to 2000#, hold. Rls pkr. POOH w/2 7/8" tbg, 7" pkr @ 6884'. Encountered extreme difficulty getting 7" pkr thru. Pull tension, pull while rotating w/wrenches. Finally worked thru. Finish POOH & found 1-slip segment from pkr missing & 1/4" wide gouge in gauge ring (6" OD). Rubbers on pkr not damaged. MU 4 1/2" bladed mill & RIH. Located 5 1/2" LT @ 10,685', tag cmt @ 10,711'. RU power swivel & circ equip. Mill down 7 jts to 10,865' - fairly easy milling. Hitting intermittent bridges. CC: \$2,032,602

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-2886 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1

PAGE 12

- 7/6/94 Continue RIH w/4½" mill. RU to mill. Continue to mill. Mill to 11.160' - starts drlg harder, acts like fill. Mill to 11.209'. Circ btms up (got cmt, pea gravel). Try to PT. Inject 1.5 BPM @ 1500#. RD swivel, strip head. LD 18 jts 2⅞" workstring. POOH w/2⅞" tbg, 4½" bladed mill. RIH w/Mtn States 5½" HD pkr & 2⅞" tbg, set pkr @ 10.891' & RU Halliburton. Fill annulus & inj @ 2.5 BPM @ 1500#. --Pressure up tbg to 1500#, lost 100# in 5 min. Rls pkr & POOH. Found 5½" LT. RIH 12' & set pkr @ 10.687'. RU Mtn States sqz swivel & manifold. Pump 10 BFW pad & follow w/200 sx 37.8 bbl slurry. Cmt w/additives w/cmt @ perfs @ 10.700'. Pressure increased to 1280# w/5 bbls cmt left in tbg. Pressure to 1350#. Start to stage sqz. After 4th shut down, cmt locked up. Rls pkr & attempt to rev out - no success. Pull pkr out of 5½" liner & try to move cmt out of tbg w/6000#. No movement. RD Halliburton. Swab tbg dry. POOH, LD 31 jts w/solid cmt & pkr. MU 4½" mill & RIH w/200 jts. CC: \$2,046,766
- 7/7/94 Continue drlg cmt. Continue to RIH w/2⅞" tbg. Stay above 5½" liner. PU strip head. WOC. RIH, tag cmt @ 10.680'. RU swivel. Mill cmt to 10.740' - very hard milling (sqz holes @ 10.700'). Circ. btms up clean. PT to 2000#. lost 500#/5 min. PT again to 2000#. lost 30#/1 min. Continue to mill cmt to 10.785'. CC: \$2,054,680
- 7/8/94 POOH w/tbg. Continue to mill cmt to 10.825'. Try to PT. Pressure to 2500#, lost 500#/10 min. POOH w/bladed mill. RIH w/SN, 2⅞" tbg to 10.704'. RU Halliburton. Est inj rate 50 BPM @ 2000#. Pump 10 BFW, 30 sx Class "H" cmt, 1.06# yield, 16.4 gal, 1.5 BFW. POOH to 10.468'. Pressure up on cmt. Pump 1.5 bbls (9 sx) cmt out hole. Pressure to 2000#, held. RIH, circ out cmt to 10.675'. POOH to 10.303'. Pressure to 1000# on well, hold. Close well in @ 9:00 p.m.. SD. WOC. CC: \$2,066,410
- 7/9/94 Drlg cmt @ 11.000'. Tbg pressure 1000#, csg pressure 1000#. Increase pressure to 2000#, held OK. RIH & tag cmt @ 10.689'. POOH w/336 jts tbg. MU 4½" drag bit & RIH, tag cmt @ 10.689'. Mill 1', fall free @ 10.690'. RIH to 10.721'. PT to 2000#, held OK for 15 min. RIH, tag cmt @ 10.834'. Mill to 11.000'. CC: \$2,068,772
- 7/10/94 POOH w/rock bit. Mill to 11.078', fell free. RIH to 11.094'. PT to 2000#. Bled 350#/15 min. RIH, tag cmt @ 11.198'. Mill to cmt retainer @ 11.950'. PT to 2000#, lost 450#/15 min. Start POOH w/tbg & 4½" drag bit. CC: \$2,074,586
- 7/11/94 WOC. POOH w/4½" rock bit. RIH w/Mtn States 5½" 32-A pkr, set @ 11.065'. Pump down tbg. Pressure to 2400#, injecting 0.25 to 0.5 BPM. Pressure to 2500#. Bled to 2000#/1 min. Bled to 1500#/10 min. Pressure up csg to 2500#, hold. Rls pkr. POOH w/5½" pkr. RIH w/SN on 351 jts to 11.160'. Spot 30 sx (5.66 bbls) cmt plug. POOH 12 jts to 10.776'. Sqz'd, leaving 1.5 bbls cmt in csg. Sqz to 2400#, hold for 10 min. Lost 100#. Reverse tbg. POOH to 10.173'. Pressure up 1500#. SD. WOC. CC: \$158,448

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-2886 (COMPLETION)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00142 R1

PAGE 13

- 7/12/94 RIH to drill up 5½" cmt retainer. POOH w/320 jts. RIH w/4½" rock bit, tag stringers @ 10,870'. Mill down to 11,123'. Mill thru heavy stringer to 11,153'. RIH free to 11,247'. Circ clean. PT sqz'd hole @ 11,150' to 2000#. held for 10 min. CC: \$2,090,748
- 7/13/94 Continue to POOH. RIH w/2⅞" tbg, tag cmt retainer. Mill out retainer, mill cmt to 11,982', fell thru. RIH to 12,023'. Circ btms up. PT to 2500#. Bled to 1500#/10 min. Decide to RIH tag @ 14,493'. Attempt to mill further, bit plugging off. Mill to PBTD @ 14,493', displace hole w/711 bbls filtered, treater prod wtr. POOH w/400 jts tbg. CC: \$2,097,649
- 7/14/94 Continue RIH w/4½" mill. Continue to POOH w/2⅞", 4½" bit. RD floor, remove 10" BOP's. Install tbg spool, 6" BOP's. RU floor, RU OWP. RIH w/Gamma Log, tag PBTD @ 14,485', log to 14,000'; 11,000'-10,400'. POOH. Fill csg, PT lubricator to 2000#. RIH w/4' perf gun to 14,100' - got hung up, could not get past, acts like rubber. POOH dragging along side until 7" csg. RIH w/junk basket, gauge ring. Recover cmt chunks. Try full length 4" gun & half-length gun - got to 10,695' each time. RD OWP. Order out 6½" mill. MU & RIH. Enter 7" LT @ 6796' w/no trouble, but could feel slight drag first 20' @ top. RIH to 5½" @ 10,675', rotate w/power tongs & worked up & down. Felt nothing above liner. POOH. MU 4½" mill & start RIH. Felt nothing @ 7" LT. CC: \$2,106,448
- 7/15/94 RIH w/tbg. Continue to RIH w/4½" mill on 2⅞" tbg. Tag @ 14,489'. Circ out cmt chunks, some gas, oil, aluminum chunks. Mill to 14,495'. Circ btms up. PT to 2300#. lost 50#/5 min. POOH w/456 jts 2⅞" & 4½" mill. RIH w/4" perf gun, stack out @ 14,180'. Finish perf'g w/3⅞" guns. Made 6 runs. Perf Wasatch @ 13,000'-14,476' (132 holes) @ 3 SPF. Well showing 0# or on slight vacuum at end of each run. RIH w/Arrow Model DB 5½" Mtn States pkr w/millout extension, F-nipple & KO plug. Set @ 12,080'. MU Mtn States pkr seal assembly & start RIH. CC: \$2,142,768
- 7/16/94 Swab testing. RIH w/381 jts 2⅞" tbg. Space out. Land 2⅞" w/20,000# tension. Install 2⅞" hanger, install tree. PT to 5000#. PT csg to 2000#. bled 300#/5 min. RU Delsco. Try to knock out glass - acts sticky. Pressure to 2500#, trying to knock out disc - no success. RIH w/tbg end locator. Work tool & pressure to 1000#. Knock out disc, pressure 0#. RU to swab. Made 25 runs. IFL @ sfc, FFL @ 3600', 16 BPH fluid entry, last run 80% oil. Total fluid rec - 157 bbls, 12 hrs. CC: \$2,159,320
- 7/17-18/94 Continue to flow. Made 6 swab runs. Total fluid swabbed - 187 bbls (45 BO, 142 BW), FFL 4800', oil cut 60%. RU Dowell to acidize perms 13,000'-14,776' w/20,000 gal 15% HCl w/additives, BAF, rock salt, 600 - 1.1 ball sealers. Pmpd 865,000 SCF N₂ throughout job. ATR 12 BPM (w/N₂, 16 BPM), MTR 14 BPM (w/N₂, 19 BPM); ATP 8200#, MTP 9000#. ISIP 3300#, good diversion, FLTR 970 bbls. RD Dowell & Newsco. RU to flow well. Open well - 3000#. Flow to frac tank on 25/64" chk from 3:45 p.m. to 12:00 a.m., 7/18/94. Avg pressure 1000#. Recorded 207 BO & 230 BW. Avg total flow per hour, 55 bbls. At midnight, turn flow to treater. Open to 32/64" chk, pressure dropped to 500# @ 6:00 a.m., 7/18/94. Flwd 151 BO, 90 BW, 150 MCF/6 hrs, FTP 500# on 32/64" chk, present oil cut 63%, feed-in rate 40 BPH. CC: \$2,224,200

THE COASTAL CORPORATION
 PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-2886 (COMPLETION)
 ALTAMONT FIELD
 BLACKTAIL PROSPECT
 DUCHESNE COUNTY, UT
 WI: 100% ANR AFE: 00142 R1

PAGE 14

7/18-19/94 Continue to monitor well flow, pressure, etc. Flwd 606 BO, 166 BW, 393 MCF, FTP 250#, 35/64" chk.

	<u>Time</u>	<u>Choke</u>	<u>PSI</u>	<u>Remarks</u>
7/18/94	7:00 am	35/64"	200	
	8:00	"	500	
	9:00	"	500	
	10:00	"	500	
	11:00	"	475	
	12:00 pm	"	425	
	1:00	"	400	
	2:00	"	375	
	3:00	"	375	
	4:00	"	375	
	4-5:00			Cut soft wax in tbg to 10,000'.
	5:00	"	350	
	6:00	"	350	
	7:00	"	350	
	8:00	"	325	
	9:00	"	350	Clear frac balls.
	10:00	"	400	" " "
	11:00	"	400	" " "
7/19/94	12:00 am	"	300	
	1:00	"	300	
	2:00	"	300	
	3:00	"	220	
	4:00	"	210	
	5:00	"	300	Steady flow.

Prod rate, etc., monitored by pumper at treater. pH remained at 5. Will run Prod Log on Wednesday AM, 7/20/94. CC: \$2,228,708

7/19/94 Well on prod - flwd 187 BO, 62 BW, 195 MCF, FTP 50#, 1" chk. Well producing to treater. RD rig. Clean location, load out equip. Prep to run Production Log. CC: \$2,332,563

7/20/94 Well died. Hot oil & swab well back in. Flwd 148 BO, 39 BW, 131 MCF, FTP 250#, 50/64" chk, 12 hrs. Ran prod log. Setting pmpg unit pad & hooking up electric today. Will set PU Friday AM, 7/22/94.

7/21/94 Flwd 102 BO, 22 BW, 24 MCF, FTP 300# 32/64" chk. Prep to set pmpg unit. Final report on this AFE #00142 R1.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-2886 (INSTALL SURFACE FACILITIES)

PAGE 15

ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE: 00143
TD: 14,550' PBD: 14,493'
Csg: 5½" @ 10,685'-14,546'
Perfs: 13,000'-14,476' (Wasatch)
CWC(M\$): 334.5

- 7/22/94 RIH w/VV valve. Finished setting pumping unit. RU rig, RU Atlas. RIH w/Prism logging tool to 354' - unable to get thru wax in tbg. Flush tbg w/100 bbls 240° wtr. Run Prism Log from 14,420' to 12,820'. RD Atlas. CC: \$11,233
- 7/23/94 ND BOP & dual tbg spool. RIH w/2¼" VV valve, set in F-nipple @ 12,093'. PT tbg & valve to 400#, held. NU tree. NU BOP. Rls seal assembly out of pkr. POOH w/164 stds 2⅞" tbg. LD 53 jts 2⅞" tbg & seal assembly. CC: \$18,086
- 7/24/94 RIH w/rods. ND BOP, dual string tbg spool. NU single string tbg spool. NU BOP. RIH w/prod BHA & tbg, set TAC @ 10,521'. Landed tbg w/20,000# tension. RIH w/1¾" pump, 8 - 1" rods & 96 ¾" rods. CC: \$22,620
- 7/25/94 Well on production. PU & RIH w/rods. Space out & seat pump. Fill tbg w/3 BW. Used rig to stroke pump & test tbg to 500#, held. Good pump action. Hang off rods on clamp. RD rig & equip. Clean trash off location, move out. CC: \$389,600
- 7/25/94 Pmpd 109 BO, 159 BW, 39 MCF, 4.8 SPM/14 hrs.
- 7/26/94 Pmpd 327 BO, 151 BW, 178 MCF, 4.8 SPM. Drop from report.

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			Field	County
					Footages	Section, Township & Range			
Ute 1-25A3	43-013-30370 ✓	14-20-H62-1802	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne	
Ute 1-26A3	43-013-30348 ✓	14-20-H62-1803	Ute	N/A	1869' FNL & 1731' FWL	SENE, 26-1S-3W	Bluebell	Duchesne	
Ute 1-31A2	43-013-30401 ✓	14-20-H62-1801	Ute	N/A	2246' FSL & 2270' FWL	NESW, 31-1S-2W	Bluebell	Duchesne	
Ute 1-32Z2	43-013-30379 ✓	14-20-H62-1702	Ute	N/A	1484' FNL & 2554' FWL	SENE, 32-1N-2W	Bluebell	Duchesne	
Ute 1-36B6	43-013-30502 ✓	14-20-H62-2532	Ute	N/A	1212' FSL & 487' FEL	SESE, 36-2S-6W	Altamont	Duchesne	
Ute 1-6B2	43-013-30349 ✓	14-20-H62-1807	Ute	N/A	2052' FSL & 1865' FEL	NWSE, 6-2S-2W	Bluebell	Duchesne	
Ute 2-22B5	43-013-31122 ✓	14-20-H62-2509	Ute	N/A	737' FSL & 1275' FWL	SWSW, 22-2S-5W	Altamont	Duchesne	
Ute 2-25A3	43-013-31343 ✓	14-20-H62-1802	Ute	N/A	2183' FSL & 1342' FWL	NESW, 25-1S-3W	Bluebell	Duchesne	
Ute 2-26A3	43-013-31340 ✓	14-20-H62-1803	Ute	N/A	700' FSL & 700' FWL	NESW, 26-1S-3W	Bluebell	Duchesne	
Ute 2-27B6	43-013-31449 ✓	14-20-H62-4631	Ute	N/A	1727' FNL & 1904' FEL	SWNE, 27-2S-6W	Altamont	Duchesne	
Ute 2-28B6	43-013-31434 ✓	14-20-H62-4622	Ute	N/A	1945' FSL & 1533' FEL	NWSE, 28-2S-6W	Altamont	Duchesne	
Ute 2-31A2	43-013-31139 ✓	14-20-H62-1801	Ute	N/A	1012' FNL & 1107' FEL	NENE, 31-1S-2W	Bluebell	Duchesne	
Ute 2-33B6	43-013-31445 ✓	14-20-H62-2493	Ute	N/A	1796' FNL & 2541' FEL	SWNE, 33-2S-6W	Altamont	Duchesne	
Ute 2-35A3	43-013-31292 ✓	14-20-H62-1804	Ute	N/A	660' FNL & 660' FEL	NENE, 35-1S-3W	Bluebell	Duchesne	
Ute 2-6B2	43-013-31140 ✓	14-20-H62-1807	Ute	N/A	949' FNL & 1001' FWL	NWNW, 6-2S-2W	Bluebell	Duchesne	
Ute 3-35A3	43-013-31365 ✓	14-20-H62-1804	Ute	N/A	1632' FNL & 660' FWL	SWNW, 35-1S-3W	Bluebell	Duchesne	
Ute Tribal 1-27B6	43-013-30517 ✓	14-20-H62-4631	Ute	N/A	2312' FNL & 1058' FWL	SWNW, 27-2S-6W	Altamont	Duchesne	
Ute Tribal 1-28B6	43-013-30510 ✓	14-20-H62-4622	Ute	N/A	860' FNL & 2381' FEL	NWNE, 28-2S-6W	Altamont	Duchesne	
Ute Tribal 1-33B6	43-013-30441 ✓	14-20-H62-2493	Ute	N/A	350' FSL & 2400' FEL	SWSE, 33-2S-6W	Altamont	Duchesne	
Ute Tribal 1-35B6	43-013-30507 ✓	14-20-H62-4632	Ute	N/A	1248' FEL & 1350' FSL	NESE, 35-2S-6W	Altamont	Duchesne	
OIL/GAS WELLS PERMITTED - NOT DRILLED									
Ute 1-16B6	43-013-31524 ✓	14-20-H62-4647	Ute	N/A	2424' FNL & 1590' FEL	SWNE, 16-2S-6W	Altamont	Duchesne	
Ute 1-23B6	43-013-31446 ✓	14-20-H62-4614	Ute	N/A	1894' FSL & 735' FWL	NWSW, 23-2S-6W	Altamont	Duchesne	
Ute 1-26B6	43-013-31447 ✓	14-20-H62-4614	Ute	N/A	205' FNL & 2485' FWL	NENW, 26-2S-6W	Altamont	Duchesne	
Ute 2-26B6	43-013-31448 ✓	14-20-H62-4614	Ute	N/A	663' FSL & 697' FWL	SWSW, 26-2S-6W	Altamont	Duchesne	

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: See Attached
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: See Attached
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: See Attached
4. Location of Well Footages: See Attached County: See Attached QQ, Sec., T., R., M.: See Attached State: Utah	8. Well Name and Number: See Attached
	9. API Well Number: See Attached
	10. Field and Pool, or Wildcat: See Attached

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

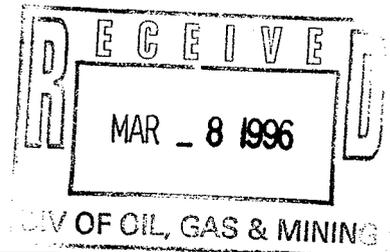
NOTICE OF INTENT (Submit In Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Change of Operator</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
 Bonnie Carson, Sr. Environmental & Safety Analyst
 ANR Production Company



13. Name & Signature: *Sheila Bremer* Title: Coastal Oil & Gas Corporation Date: 03/07/96
 Sheila Bremer
 Environmental & Safety Analyst

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL				
					Footages	Section, Township & Range	Field	County	
Ute 1-31A2	43-013-30401	14-20-H62-1801 1925	Ute	N/A	2246' FSL & 2270' FWL	NESW, 31-1S-2W	Bluebell	Duchesne	
Ute 1-32Z2	43-013-30379	14-20-H62-1702 1915	Ute	N/A	1484' FNL & 2554' FWL	SENE, 32-1N-2W	Bluebell	Duchesne	
Ute 1-36B6	43-013-30502	14-20-H62-2532 1940	Ute	N/A	1212' FSL & 487' FEL	SESE, 36-2S-6W	Altamont	Duchesne	
Ute 1-6B2	43-013-30349	14-20-H62-1807 1895	Ute	N/A	2052' FSL & 1865' FEL	NWSE, 6-2S-2W	Bluebell	Duchesne	
Ute 2-22B5	43-013-31122	14-20-H62-2509 10453	Ute	N/A	737' FSL & 1275' FWL	SWSW, 22-2S-5W	Altamont	Duchesne	
Ute 2-25A3	43-013-31343	14-20-H62-1802 11361	Ute	N/A	2183' FSL & 1342' FWL	NESW, 25-1S-3W	Bluebell	Duchesne	
Ute 2-26A3	43-013-31340	14-20-H62-1803 11349	Ute	N/A	700' FSL & 700' FWL	SWSW, 26-1S-3W	Bluebell	Duchesne	
Ute 2-27B6	43-013-31449	14-20-H62-4631 11620	Ute	N/A	1727' FNL & 1904' FEL	SWNE, 27-2S-6W	Altamont	Duchesne	
Ute 2-28B6	43-013-31434	14-20-H62-4622 11624	Ute	N/A	1945' FSL & 1533' FEL	NWSE, 28-2S-6W	Altamont	Duchesne	
Ute 2-31A2	43-013-31139	14-20-H62-1801 10458	Ute	N/A	1012' FNL & 1107' FEL	NENE, 31-1S-2W	Bluebell	Duchesne	
Ute 2-33B6	43-013-31445	14-20-H62-2493 11691	Ute	N/A	1796' FNL & 2541' FEL	SWNE, 33-2S-6W	Altamont	Duchesne	
Ute 2-35A3	43-013-31292	14-20-H62-1804 11222	Ute	N/A	660' FNL & 660' FEL	NENE, 35-1S-3W	Bluebell	Duchesne	
Ute 2-6B2	43-013-31140	14-20-H62-1807 11190	Ute	N/A	949' FNL & 1001' FWL	NWNW, 6-2S-2W	Bluebell	Duchesne	
Ute 3-35A3	43-013-31365	14-20-H62-1804 11454	Ute	N/A	1632' FNL & 660' FWL	SWNW, 35-1S-3W	Bluebell	Duchesne	
Ute Tribal 1-27B6	43-013-30517	14-20-H62-4631 11160	Ute	N/A	2312' FNL & 1058' FWL	SWNW, 27-2S-6W	Altamont	Duchesne	
Ute Tribal 1-28B6	43-013-30510	14-20-H62-4622 11165	Ute	N/A	860' FNL & 2381' FEL	NWNE, 28-2S-6W	Altamont	Duchesne	
Ute Tribal 1-33B6	43-013-30441	14-20-H62-2493 1230	Ute	N/A	350' FSL & 2400' FEL	SWSE, 33-2S-6W	Altamont	Duchesne	
Ute Tribal 1-35B6	43-013-30507	14-20-H62-4632 2335	Ute	N/A	1248' FEL & 1350' FSL	NESE, 35-2S-6W	Altamont	Duchesne	
OIL/GAS WELLS PERMITTED - NOT DRILLED									
Ute 1-16B6	43-013-31524	14-20-H62-4647 99999	Ute	N/A	2424' FNL & 1590' FEL	SWNE, 16-2S-6W	Altamont	Duchesne	
Ute 1-23B6	43-013-31446	14-20-H62-4614 99999	Ute	N/A	1894' FSL & 735' FWL	NWSW, 23-2S-6W	Altamont	Duchesne	
Ute 1-26B6	43-013-31447	14-20-H62-4614 99999	Ute	N/A	205' FNL & 2485' FWL	NENW, 26-2S-6W	Altamont	Duchesne	
Ute 2-26B6	43-013-31448	14-20-H62-4614 99999	Ute	N/A	663' FSL & 697' FWL	SWSW, 26-2S-6W	Altamont	Duchesne	
SALT WATER DISPOSAL WELLS									
Lake Fork 2-23B4 SWD	43-013-30038	Patented 1970	N/A	N/A	1985' FNL & 2131' FEL	SWNE, 23-2S-4W	Altamont	Duchesne	
LDS Church 2-27B5 SWD	43-013-30340	Fee 99990	N/A	N/A	551' FSL & 2556' FEL	SWSE, 27-2S-4W	Altamont	Duchesne	
Ehrich 2-11B5 SWD	43-013-30391	Fee 99990	N/A	N/A	1983' FSL & 1443' FWL	NESW, 11-2S-5W	Altamont	Duchesne	
Hanson 2-4B3 SWD	43-013-30337	Fee 99990	N/A	N/A	641' FSL & 1988' FWL	SESW, 4-2S-3W	Altamont	Duchesne	
Shell 2-27A4 SWD	43-013-30266	Fee 99990	N/A	96108	58' FSL & 1186' FWL	SWSW, 27-1S-4W	Altamont	Duchesne	
Tew 1-9B5 SWD	43-013-30121	Patented 1675	N/A	N/A	2334' FNL & 1201' FEL	SENE, 9-2S-5W	Altamont	Duchesne	

COASTAL

memorandum

DATE: March 26, 1996

REPLY TO
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Change of Operator

TO: Bureau of Land Management, Vernal District Office
Attention: Sally Gardiner, Division of Minerals and Mining

We have received copies of Sundry Notices and Reports on Wells (Form 3160-5), requiring BIA Action, informing this office of a change of operator for the following wells:

OPERATOR - FROM: ANR PRODUCTION COMPANY

TO: COASTAL OIL & GAS CORPORATION

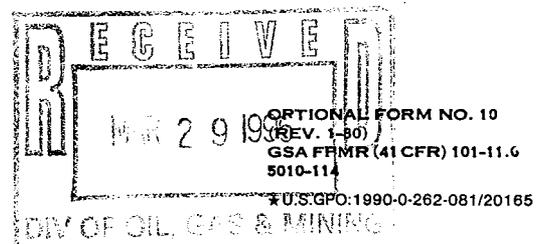
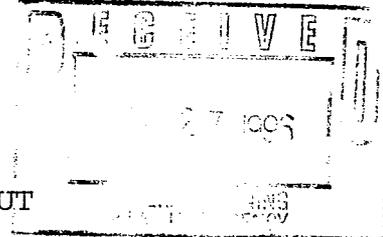
(SEE ATTACHED LIST OF WELLS AND LOCATIONS)

This office recommends a approval for the Changes of Operator for the wells listed above.

All operations will be covered under a \$150,000 Nationwide Bond filed with this office for Coastal.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

cc: Jerry Kenczka, BLM/Vernal
Energy & Minerals, Ute Tribe
Ute Distribution Corporation, Roosevelt, UT
Lisha Cordova, State of Utah
Theresa Thompson, BLM/State Office





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

May 22, 1996

Coastal Oil & Gas Corp.
Attn: Sheila Bremer
P. O. Box 749
Denver CO 80201-0749

43-013-31434
Re: Well No. Ute 2-28B6
NWSE, Sec. 28, T2S, R6W
Lease 14-20-H62-4622
Duchesne County, Utah

Dear Ms. Bremer:

This correspondence is in regard to the Sundry Notice submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Coastal Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, a \$150,000 BIA Nationwide Bond, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for
Minerals Resources

cc: ANR Production Company
BIA
Division Oil, Gas, & Mining

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #2-28B6 (LWR SN)
ALTAMONT FIELD
BLACKTAIL PROSPECT
DUCHESNE COUNTY, UT
WI: 100% ANR AFE:
TD: 14,550' PBTD: 14,493'
Csg: 5½" @ 10,685'-14,546'
Perfs: 13,000'-14,476' (Wasatch)
CWC(M\$):

- 5/1/96 **Finish POOH w/rods.**
MI, slide unit, RU rig. Hot oiler down csg w/130 bbls 250°. PU on rods. Unseat rod pump @ 10,411'. Flush tbg w/70 bbls @ 220°. LD polish rod, 1-2, 1-8x1 ponies. POOH w/132-1", 135-7/8", stopped to flush w/40 bbls. CC: \$3487.
- 5/2/96 **ND BOP, land tbg.**
Open well. Finish POOH w/rods, 137-¾", 8-1", 1½" rod pump, x-o to tbg. NU BOP. Unset 7" A/C @ 10,521'. POOH w/329 jts 2⅞", SN, 4½" TBGA BHA, 7" A/C. PU 1-4x2⅞" slotted pup jt w/plug on end, 5½" A/C, 5½" cup assembly, 5½" gas separator, 2 jts 2⅞" w/60'-1" pipe banded to side, 2⅞"x2⅞" x-o, 1-4'x2⅞" pup jt, 2⅞" SN. RIH w/2⅞" tbg 377 jts. Set 5½" A/C @ 11,968'. SN @ 11,901'. CC: \$10,448.
- 5/3/96 **Final.**
Open well. ND BOP. Land tbg w/22,000#. Flush tbg w/60 bbls. PU 1¼" rod pump, prime w/diesel. RIH w/8-1", 200-¾" (top 63-¾" new), 135-7/8", 128-1", 1-8, 3-4x1 ponies, new polish rod. Seat pump @ 11,901'. Fill tbg w/30 bbls. Stroke test to 800#, held. Slide unit. Hung polish rod. Put unit to pumping. CC: \$22,154.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated 19 . *(Same Bond as Coaster)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State Leases.

FILMING

- VB 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.
~~C.A. & Indian lease wells will be handled on separate change.~~

960412 BLM/SL Aprv. C.A.'s 4-11-96.

960820 BIA Aprv. CA's 8-16-96.

960329 BIA Aprv. Indian Lease wells 3-26-96.

WE71/34-35 *961107 Lemicy 2-582/43013-30784 under review at this time; no dg. yet!

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:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____
2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company
3. ADDRESS OF OPERATOR:
8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL
FOOTAGES AT SURFACE: COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

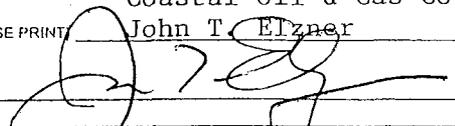
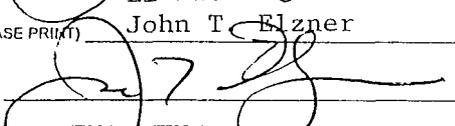
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</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.
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE  DATE 06-15-01
El Paso Production Oil & Gas Company
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE  DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall

David L. Siddall
Vice President

Attest:

Margaret E. Roark

Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

RECEIVED

JUL 12 2001

**DIVISION OF
OIL, GAS AND MINING**

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

FILE COPY



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Uintah and Ouray Agency

P. O. Box 130

988 South 7500 East

Fort Duchesne, Utah 84026-0130

Phone: (435) 722-4300 Fax: (435) 722-2323

IN REPLY REFER TO:
Minerals and Mining
Phone: (435) 722-4310
Fax: (435) 722-2809

August 16, 2001

El Paso Production Company
Attn: Elizabeth R. Williams
Nine Greenway Plaza
Houston, TX 77046-0995

Dear Mrs. Williams:

We are in receipt of the corporate documentation for the name change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company.

All documents appear to be in order, and the approval is hereby authorized to change all records, including change of operator of certain oil and gas wells, Rights-of-Way, Communitization Agreements, Oil and Gas Leases, Exploration and Development Agreements, etc. from Coastal Oil & Gas Corporation to "El Paso Production Oil and Gas Company".

Approval of this name change is August 16, 2001, but effective on March 9, 2001. If you have any questions, please do not hesitate to contact this office.

Respectfully,

Acting Superintendent

RECEIVED

AUG 22 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	<input checked="" type="checkbox"/>	4-KAS	<input type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-LP	<input checked="" type="checkbox"/>
3. JLT	<input type="checkbox"/>	6-FILE	<input type="checkbox"/>

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
UTE UNIT 1-36A4 (CA 96-42)	43-013-30069	1580	36-01S-04W	INDIAN	OW	P
UTE 1-06B2	43-013-30349	1895	06-02S-02W	INDIAN	OW	P
UTE 2-6B2	43-013-31140	11190	06-02S-02W	INDIAN	OW	P
MARQUERITE UTE 1-8B2	43-013-30235	5430	08-02S-02W	INDIAN	OW	S
CAMPBELL UTE 1-12B2 (CA 96-90)	43-013-30237	5300	12-02S-02W	INDIAN	OW	S
UTE TRIBAL U 6-7B3 (CA 96-75)	43-013-30211	5700	07-02S-03W	INDIAN	OW	S
UTE 3-12B3 (CA 96-79)	43-013-31379	11490	12-02S-03W	INDIAN	OW	P
UTE TRIBAL 1-13B3 (CA 96-92)	43-013-30251	5605	13-02S-03W	INDIAN	OW	P
EVANS UTE 1-17B3 (CA 96-104)	43-013-30274	5335	17-02S-03W	INDIAN	OW	P
UTE UNIT 1-01B4 (CA 96-49)	43-013-30129	1700	01-02S-04W	INDIAN	OW	P
UTE-JENKS 2-1-B4 (CA 96-49)	43-013-31197	10844	01-02S-04W	INDIAN	OW	P
UTE 1-28B4 (CA 96-81)	43-013-30242	1796	28-02S-04W	INDIAN	OW	S
UTE 2-22B5	43-013-31122	10453	22-02S-05W	INDIAN	OW	P
MURDOCK 2-34B5 (CA 96-85)	43-013-31132	10456	34-02S-05W	INDIAN	OW	P
UTE 2-21B6 (CA 96-39)	43-013-31424	11615	21-02S-06W	INDIAN	OW	S
UTE 2-22B6 (CA 73743)	43-013-31444	11641	22-02S-06W	INDIAN	OW	P
UTE TRIBAL 1-27B6	43-013-30517	11166	27-02S-06W	INDIAN	OW	S
UTE 2-27B6	43-013-31449	11660	27-02S-06W	INDIAN	OW	P
UTE TRIBAL 1-28B6	43-013-30510	11165	28-02S-06W	INDIAN	OW	P
UTE TRIBAL 2-28B6	43-013-31434	11624	28-02S-06W	INDIAN	OW	S

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
14-20-H62-4622

6. If Indian, Allottee or Tribe Name
UTE TRIBE

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

8. Well Name and No.
UTE TRIBAL 2-28B6

9. API Well No.
43-013-31434

10. Field and Pool, or Exploratory Area
ALTAMONT

11. County or Parish, State
DUCHESNE COUNTY, UT

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **EL PASO E&P COMPANY, L.P.**

3a. Address
1099 18TH ST, STE 1900, DENVER, CO 80202

3b. Phone No. (include area code)
303-291-6400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NWSE, 1945' FSL, 1533' FEL
SEC. 28, T2S-R6W**

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 checked="" 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

OPERATOR REQUESTS APPROVAL TO RE-ACIDIZE EXISTING WASATCH PERFS AND ADD ADDITIONAL WASATCH PERFS FROM 13000' - 14476' IN ACCORDANCE WITH THE ATTACHED PROCEDURES.

New Perfs 11839' - 12970'

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) **JENNIFER T. BECHTEL** Title **ASSOCIATE ANALYST**

Signature *Jennifer T. Bechtel* Date **02/09/2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Accepted by the **Utah Division of Oil, Gas and Mining** Date _____
Federal Approval Of This Action Is Necessary

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)

By: _____

FEB 12 2007

DIV. OF OIL, GAS & MINING



Recompletion Prognosis Ute 2-28B6

Sec. 28, T2S-R6W
API # 4301331434
Altamont Field
Duchesne County, Utah

Procedure:

1. MIRU WO rig. Pull rods and pump referring to "Rod Detail" on wellbore diagram. Unload +/- 2,600' 2-7/8" tubing.
2. ND wellhead & NU BOP's. Release TAC at 11,968' and TOH with 2-7/8" production tubing string and BHA referring to "Tubing Detail" on wellbore diagram.
3. PU mill for 5-1/2" Arrow Model "DB" packer and TIH with 2-7/8" tubing to 12,080'. Mill packer slips. TOOH. If packer is not recovered then push it to PBSD.
4. PU and TIH with a 6" bit and 7" casing scraper on 2-7/8" 6.5#/ft N-80 tubing and TIH to 10,675'. TOOH.
5. PU and TIH with a 4-1/8" bit and 5-1/2" casing scraper on 2-7/8" 6.5#/ft N-80 tubing and TIH to +/-14,485'. Note: Cross over to 5-1/2" casing is at 10,675'. TOOH.
6. TIH with 5-1/2" bridge plug and packer. Set BP @ 12,995'. Pressure test casing to 1,500 psi. If casing does not test then PUH with packer to top of 5-1/2" casing and pressure test 7" casing via annulus and 5-1/2" casing via tubing. Move BP and packer as needed to isolate casing leak. Once leak is isolated consult with Denver office for plans to repair.
7. RIH with GR/CCL/CBL (Weatherford's Precision Tool is preferred) to PBSD. Run bond log from PBSD to 10,400'. POOH. Send CBL to Denver office for review before proceeding.

Stage #1: Re-Acidize Wasatch Perfs (13,000'-14,476'):

8. RIH with on/off tool, 5-1/2" wireline set tubing retrievable production packer (Baker Hornet), 2-7/8" x 6' pup joint, 2-7/8" F nipple, 2-7/8" x 6' pup joint, R nipple, and wireline entry guide and set packer at 12,050'. POOH. RD WL unit.
9. TIH with 1,400' of 2-7/8" 6.5# N-80 tubing followed by 3-1/2" 9.3# P-110 tubing. Hydrotest tubing on TIH. Sting into packer @ 12,050'. Pressure test annulus to 1,000 psi.

Recompletion Procedure

Ute 2-28B6

10. Break down perfs with +/-50 bbls 2% KCL with rig pump at best possible rate. Monitor annulus for communication. Report ISIP and surface pressure in 5, 10 & 15 minute intervals.
11. MIRU stimulation company. Acidize Wasatch perfs 13,000'-14,476' with 15,000 gals Gelled 15% HCl @ 40-45 BPM utilizing Bio-balls and rock salt for diversion as per the attached schedule. Heat treating water to 120° F. Maximum allowable treating pressure 8,500 psi. Hold 1,000 psi on 3-1/2" annulus throughout job. Flush acid to bottom perf plus 10 bbls over.
12. Flow test well recording hourly rates and pressures. After flow testing, consult with Denver office as to additional testing of this stage or isolation. If additional testing is requested via 2-7/8" tubing; proceed to step # 13. If no further flow testing is required then proceed to step # 16.
13. If additional flow testing up 2-7/8" tubing is required then rig up slickline and RIH to set blanking plug in bottom profile nipple. POOH and RD slickline. Release frac string from packer and TOOH laying down 3-1/2" tubing.
14. TIH with 2-7/8", N-80 tubing. Prior to latching onto On-Off tool, roll hole with clean 2% KCL water. Space out tubing for landing, latch onto On-Off tool. RU pump truck, test backside to 1,000 psi for 10 minutes. RD pump truck.
15. ND BOP's. NU wellhead and test with test plug. RU slickline and RIH and retrieve blanking plug. RD slickline. Flow test well. RDMO workover rig, release all rental equipment.
16. If Stage # 1 is not to be flowed for extended time then release 5-1/2" packer and TOOH with BHA and workstring.

Stage #2 Proppant Frac Wasatch (12,392'-12,970') :

17. MIRU wireline unit. RIH and set 5-1/2" 10K CBP @ 12,995'. Dump bail 10 feet of cement on top of plug. POOH. Test CBP and casing to 1,500 psi.
18. Perforate Wasatch at 12,392'-12,970' (based on Run #2 AIT Four Foot Vertical Resolution Schlumberger Array Induction Gamma Ray With Linear Correlation dated 30-May-1994). Perfs are detailed on attached perf sheet. Use 3-1/8" TAG gun loaded 3 spf, 120 deg phased w/ 22.7 gram premium charges.

Note: Verify cased hole depths with engineer prior to perforating.

19. RIH with on/off tool, 5-1/2" wireline set tubing retrievable production packer (Baker Hornet), 2-7/8" x 6' pup joint, 2-7/8" F nipple, 2-7/8" x 6' pup joint, R nipple, and wireline entry guide and set packer at 11,950'. POOH. RD WL unit.
20. TIH with 1,300' of 2-7/8" 6.5# N-80 tubing followed by 3-1/2" 9.3# P-110 tubing. Hydrotest tubing on TIH. Sting into packer @ 11,950'. Pressure test annulus to 1,000 psi.
21. Break down perfs with +/-50 bbls 2% KCL with rig pump at best possible rate. Monitor annulus for communication. Report ISIP and surface pressure in 5, 10 & 15 minute intervals.

Recompletion Procedure

Ute 2-28B6

22. MIRU stimulation company to break down perforations with 5,000 gallons 15% HCl acid at 10 to 15 bpm. Run 90 Bio-Ball (brown color) sealers evenly dispersed in the acid. **Maximum allowable surface pressure is 8,500 psi.** Acid to contain both corrosion and scale inhibitor. Overflush acid 10 bbls to bottom perf with 2% KCl water. Shut down. Surge ball sealers. Isolate well head and continue to monitor well head pressure with stimulation company's data recorder for 60 minutes. Remove ball guns from treating line and pressure test treating line during shut in period.
23. Pump the Stage # 2 crosslinked gel frac treatment with 60,000 lbs 20/40 Carboprop as per the attached schedule. All frac water to contain biocide and scale inhibitor. Heat the 2% KCl water to achieve +/- 120°F the day of the frac. Tag job w/ Scandium throughout the PROPPANT STAGES ONLY. Designed pump rate is 25 to 30 bpm, **maximum surface pressure is to be 8,500 psi.** Record ISIP, 5, 10 and 15 minute pressures. RD pump trucks. Run radioactive tracer survey.
24. Flow test well recording hourly rates and pressures. After flow testing, consult with Denver office as to additional testing of this stage or isolation. If additional testing is requested via 2-7/8" tubing; proceed to step # 25. If no further flow testing is required then proceed to step # 28.
25. If additional flow testing up 2-7/8" tubing is required then rig up slickline and RIH to set blanking plug in bottom profile nipple. POOH and RD slickline. Release frac string from packer and TOOH laying down 3-1/2" tubing.
26. TIH with 2-7/8", N-80 tubing. Prior to latching onto On-Off tool, roll hole with clean 2% KCL water. Space out tubing for landing, latch onto On-Off tool. RU pump truck, test backside to 1,000 psi for 10 minutes. RD pump truck.
27. ND BOP's. NU wellhead and test with test plug. RU slickline and RIH and retrieve blanking plug. RD slickline. Flow test well. RDMO workover rig, release all rental equipment.
28. If Stage # 2 is not to be flowed for extended time then release 5-1/2" packer and TOOH with BHA and workstring.

Stage #3 Proppant Frac Wasatch (11,839'-12,186'):

29. MIRU wireline unit. RIH and set 5-1/2" 10K CBP @ 12,250'. Dump bail 10 feet of cement on top of plug. POOH. Test CBP and casing to 1,500 psi.
30. Perforate Wasatch at 11,839'-12,186' (based on Run #2 AIT Four Foot Vertical Resolution Schlumberger Array Induction Gamma Ray With Linear Correlation dated 30-May-1994). Perfs are detailed on attached perf sheet. Use 3-1/8" TAG gun loaded 3 spf, 120 deg phased w/ 22.7 gram premium charges.

Note: Verify cased hole depths with engineer prior to perforating.

31. RIH with on/off tool, 5-1/2" wireline set tubing retrievable production packer (Baker Hornet), 2-7/8" x 6' pup joint, 2-7/8" F nipple, 2-7/8" x 6' pup joint, R nipple, and wireline entry guide and set packer at 11,300'. POOH. RD WL unit.

Recompletion Procedure

Ute 2-28B6

32. TIH with 650' of 2-7/8" 6.5# N-80 tubing followed by 3-1/2" 9.3# P-110 tubing. Hydrotest tubing on TIH. Sting into packer @ 11,300'. Pressure test annulus to 1,000 psi.
33. Break down perfs with +/-50 bbls 2% KCL with rig pump at best possible rate. Monitor annulus for communication. Report ISIP and surface pressure in 5, 10 & 15 minute intervals.
34. MIRU stimulation company to break down perforations with 5,000 gallons 15% HCl acid at 10 to 15 bpm. Run 140 Bio-Ball (brown color) sealers evenly dispersed in the acid. **Maximum allowable surface pressure is 8,500 psi.** Acid to contain both corrosion and scale inhibitor. Overflush acid 10 bbls to bottom perf with 2% KCl water. Shut down. Surge ball sealers. Isolate well head and continue to monitor well head pressure with stimulation company's data recorder for 60 minutes. Remove ball guns from treating line and pressure test treating line during shut in period.
35. Pump the Stage # 3 crosslinked gel frac treatment with 100,000 lbs 20/40 Carboprop as per the attached schedule. All frac water to contain biocide and scale inhibitor. Heat the 2% KCl water to achieve +/- 120°F the day of the frac. Tag job w/ Iridium throughout the PROPPANT STAGES ONLY. Designed pump rate is 25 to 30 bpm, **maximum surface pressure is to be 8,500 psi.** Record ISIP, 5, 10 and 15 minute pressures. RD pump trucks. Run radioactive tracer survey.
36. Flow test well recording hourly rates and pressures. After flow testing, consult with Denver office as to additional testing of this stage or isolation. If additional testing is requested via 2-7/8" tubing; proceed to step # 37. If no further flow testing is required then proceed to step # 40.
37. If additional flow testing up 2-7/8" tubing is required then rig up slickline and RIH to set blanking plug in bottom profile nipple. POOH and RD slickline. Release frac string from packer and TOOH laying down 3-1/2" tubing.
38. TIH with 2-7/8", N-80 tubing. Prior to latching onto On-Off tool, roll hole with clean 2% KCL water. Space out tubing for landing, latch onto On-Off tool. RU pump truck, test backside to 1,000 psi for 10 minutes. RD pump truck.
39. ND BOP's. NU wellhead and test with test plug. RU slickline and RIH and retrieve blanking plug. RD slickline. Flow test well. RDMO workover rig, release all rental equipment.
40. If Stage # 4 is not to be flowed for extended time then release 5-1/2" packer and TOOH with BHA and workstring.
41. TIH w/ 4-1/8" mill & BHA and drill out CBPs @ 12,250' and 12,995'. Clean out to 14,485'. TOOH.
42. RIH with 2-7/8" production tubing string and tubing anchor. Depth of tubing anchor and seat nipple to be determined by Denver engineering.
43. ND BOP & NU wellhead.
44. Run pump and rods. RDMO workover rig.
45. Start well pumping and turn over to Production Department.

Recompletion Procedure Ute 2-28B6

Stage #1 Perforation Detail:

EXISTING WASATCH PERFS: (13,000'-14,476')

13,000	13,216	13,381	13,571	13,739	13,942	14,140	14,357
13,012	13,222	13,392	13,587	13,743	13,957	14,161	14,363
13,029	13,246	13,397	13,590	13,752	13,959	14,168	14,366
13,041	13,259	13,405	13,617	13,763	13,963	14,183	14,378
13,050	13,274	13,410	13,630	13,770	13,967	14,191	14,387
13,062	13,278	13,416	13,654	13,782	13,972	14,209	14,393
13,072	13,284	13,422	13,667	13,793	13,981	14,227	14,411
13,084	13,289	13,435	13,673	13,797	14,002	14,240	14,426
13,087	13,299	13,441	13,680	13,811	14,022	14,253	14,433
13,100	13,316	13,447	13,685	13,823	14,028	14,270	14,446
13,142	13,319	13,456	13,697	13,830	14,039	14,279	14,458
13,146	13,325	13,458	13,702	13,835	14,049	14,284	14,469
13,152	13,333	13,464	13,707	13,842	14,059	14,294	14,476
13,157	13,345	13,471	13,710	13,865	14,082	14,310	
13,169	13,355	13,498	13,714	13,905	14,090	14,317	
13,197	13,369	13,549	13,720	13,923	14,098	14,336	
13,200	13,376	13,567	13,728	13,934	14,126	14,342	

Stage #1 Pump Schedule:

Stage Number	Fluid Description	Flow Rate (bpm)	Injection Rate (bpm)	Pump Rate (bpm)		Flow Rate (bpm)	Stroke Volume (bbl)		Pump Rate (bpm)		Pump Rate (bpm)		Flow Rate (%)	Pump Rate (%)	Pump Rate (%)
				Flow	Stroke		Flow	Stroke	Flow	Stroke	Flow	Stroke			
1	15% HCl gelled	3,000	40	0.0	0.0	40.0	3,000	3,000	0	0	1.79	1.79	10.79%	0.00%	0
2	gel water	1,500	40	1.0	1.0	36.6	1,568	4,568	1,500	1,500	0.98	2.76	5.40%	25.00%	100
3	15% HCl gelled	3,000	40	0.0	0.0	40.0	3,000	7,568	0	1,500	1.79	4.55	10.79%	0.00%	0
4	gel water	1,500	40	1.0	1.0	36.6	1,568	9,137	1,500	3,000	0.98	5.52	5.40%	25.00%	100
5	15% HCl gelled	3,000	40	0.0	0.0	40.0	3,000	12,137	0	3,000	1.79	7.31	10.79%	0.00%	0
6	gel water	1,500	40	1.0	1.0	36.6	1,568	13,705	1,500	4,500	0.98	8.29	5.40%	25.00%	100
7	15% HCl gelled	3,000	40	0.0	0.0	40.0	3,000	16,705	0	4,500	1.79	10.07	10.79%	0.00%	0
8	gel water	1,500	40	1.0	1.0	36.6	1,568	18,274	1,500	6,000	0.98	11.05	5.40%	25.00%	100
9	15% HCl gelled	3,000	40	0.0	0.0	40.0	3,000	21,274	0	6,000	1.79	12.83	10.79%	0.00%	0
flush	gel water to btm perf +10 bbbls	6,800	40	0.0	0.0	40.0	6,800	28,074	0	6,000	4.05	16.88	24.46%	0.00%	0
TOTALS	total volume =	27,800					28,074		6,000		16.88		100.00%	100.00%	400

**Recompletion Procedure
Ute 2-28B6**

Stage #2 Perforation Detail:

TOP	BOTTOM	NET FT	SHOTS
12,967	12,970	3	9
12,664	12,669	5	15
12,619	12,622	3	9
12,446	12,448	2	6
12,392	12,394	2	6
TOTALS		15	45

Stage #2 Pump Schedule:

Stage Number	Fluid Description	Clean Volume (gal)	Pump Rate (bpm)	Bottomhole Sand Conc.		Clean Rate (bpm)	Shurry Volume		Pumpout Volume		Elapsed Time		Pump Efficiency (%)	Prepump Efficiency (%)
				Begin (ppg)	End (ppg)		Stage (gal)	Total (gal)	Stage (bbl)	Total (bbl)	Stage (min)	Total (min)		
1	Pad - XL	10,000	30	0.0	0.0	30.0	10,000	10,000	0	0	7.94	7.94	33.33%	0.00%
2	XL	3,000	30	1.0	1.0	28.7	3,137	13,137	3,000	3,000	2.49	10.43	10.00%	5.00%
3	XL	5,000	30	2.0	2.0	27.5	5,456	18,593	10,000	13,000	4.33	14.75	16.67%	16.67%
4	XL	5,000	30	3.0	3.0	26.4	5,684	24,277	15,000	28,000	4.51	19.26	16.67%	25.00%
5	XL	5,000	30	4.0	4.0	25.4	5,912	30,189	20,000	48,000	4.69	23.95	16.67%	33.33%
6	XL	2,000	30	6.0	6.0	23.6	2,547	32,736	12,000	60,000	2.02	25.96	6.67%	20.00%
Flush	Linear	4,092	30	0.0	0.0	30.0	4,092	36,828	0	60,000	3.25	29.21	SUM	SUM
TOTALS	clean volume excluding acid =	34,092					36,828		60,000		29.21		100.00%	100.00%

**Recompletion Procedure
Ute 2-28B6**

Stage #3 Perforation Detail:

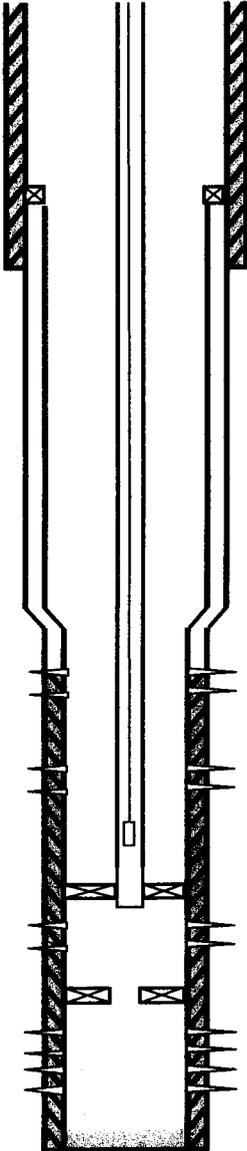
TOP	BOTTOM	NET FT	SHOTS
12,177	12,186	9	27
11,948	11,950	2	6
11,926	11,930	4	12
11,910	11,920	10	30
11,868	11,872	4	12
11,859	11,860	1	3
11,839	11,841	2	6
TOTALS		23	69

Stage #3 Pump Schedule:

Stage Number	Fluid Description	Clean Volume	Injection Rate	Bottomhole Static Depth		Clean Rate	Shut-In Volume		Production Volume		Elapsed Time		Fluid Produced (%)	Proportional Produced (%)
				Begin	End		Stage	Cum.	Stage	Cum.	Stage	Cum.		
		(gals)	(bpm)	(DD)	(DD)	(bpm)	(gals)	(gals)	(lbm)	(lbm)	(min)	(min)	(%)	(%)
1	Pad - XL	17,000	30	0.0	0.0	30.0	17,000	17,000	0	0	13.49	13.49	33.01%	0.00%
2	XL	5,000	30	1.0	1.0	28.7	5,228	22,228	5,000	5,000	4.15	17.64	9.71%	5.00%
3	XL	10,500	30	2.0	2.0	27.5	11,458	33,686	21,000	26,000	9.09	26.73	20.39%	21.00%
4	XL	8,000	30	3.0	3.0	26.4	9,094	42,780	24,000	50,000	7.21	33.94	15.53%	24.00%
5	XL	8,000	30	4.0	4.0	25.4	9,459	52,239	32,000	82,000	7.50	41.44	15.53%	32.00%
6	XL	3,000	30	6.0	6.0	23.6	3,821	56,060	18,000	100,000	3.03	44.46	5.83%	18.00%
Flush	Linear clean volume =	3,490	30	0.0	0.0	30.0	3,490	59,550	0	100,000	2.77	47.23	SUM	SUM
TOTALS		54,990					59,550		100,000		47.23		100.00%	100.00%

Recompletion Procedure Ute 2-28B6

WELL NAME: UTE 2-28B6
WELL AS IS



TOL	7"	26#	6,796'
-----	----	-----	--------

SURFACE	9.625"	40#	7,193'
---------	--------	-----	--------

INTERMEDIATE	7"	26#	10,675'
CHANGE OVER	5.5"	23#	10,675'

4 SQUEEZE HOLES @ 10,700': SQUEEZED W/ 200 sks CEMENT
TOP OF CEMENT IS UNKNOWN: NO CBL AFTER SQUEEZE

4 SQUEEZE HOLES @ 11,150' CIRCULATED UP FROM 12,000'

SN @ 11,901'
XO 2-3/8" X 2-7/8"

5-1/2" TUBING ANCHOR @ 11,968'

4 SQUEEZE HOLES @ 12,000': CIRCULATED & SQUEEZED W/ CEMENT
TO PERFS @ 11,150'

ARROW MODEL "DB" PACKER @ 12,080' W/ MILL OUT EXT AND F NIPPLE (12,093')
SEAL ASSEMBLY PULLED FROM PACKER ON 07/23/1994

WASATCH PERFS: 13,000' - 14,476' (132 HOLES @ 3 SPF)

PBTD	14,496'	(PARTS OF 5-1/2" MILL ON BOTTOM)	
LINER	5.5"	23#	14,546'
TD	14,546'		

HOLE SIZE	PIPE SIZE	WEIGHT	GRADE	SET DEPTH
12.25"	9.625"	40#	CF-95	7,193'
8.75"	7"	26#	CF-95	10,675'
TOL	7"	26#	CF-95	6,796'
7.875"	5.5"	23#	CF-95	14,546'
TOL	5.5"	23#	CF-95	10,675'
TBG	2.675"	6.5#		10,075'
TBG	2.375"			11,300'
PERFS GROSS INTERVAL		13,000'	14,496'	

TUBING DETAIL DATED 5/2/1996 RIH AS FOLLOWS

4' of 2-3/8" slotted pup joint w/ plug on end
5-1/2" AC
5-1/2" cup assembly
5-1/2" gas separator
2 jts 2-3/8" tbg w/ 60' 1" pipe banded to side
2-3/8" x 2-7/8" XO
4' of 2-7/8" pup joint
2-7/8" SN
377 jts 2-7/8" tubing
Set 5-1/2" AC @ 11,968' w/ 22,000#; SN @ 11,901'

ROD DETAIL DATED 5/3/96 RIH AS FOLLOWS

1-1/4" rod pump
8 - 1"
200 - 3/4"
135 - 7/8"
128 - 1"
1-8
3-4x1 ponies
polish rod

NOTE: NOT TO SCALE

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: 14-20-H62-4622
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Ute 2-28B6
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		9. API NUMBER: 4301331434
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 291-6475
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1945' FSL, 1533' FEL		10. FIELD AND POOL, OR WILDCAT: ALTAMONT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 28 T2S R6W		COUNTY: Duchesne
		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 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: Surface Meter
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Commingle

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 The referenced well is commingled at surface meter with the Ute 1-28B6 API# 43-013-30510

NAME (PLEASE PRINT) Rachael Overbey	TITLE Engineering Tech
SIGNATURE	DATE 7/16/2008

(This space for State use only)

RECEIVED
AUG 05 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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 page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14-20-H62-4622
2. Name of Operator El Paso E&P Company, LP		6. If Indian, Allottee, or Tribe Name Ute Indian
3a. Address 1099 18th Street, Suite 1900 Denver, CO 80202	3b. Phone No. (include area code) 303.291.6400	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW SE 1945' 1533' FSL FEL 28 T 2S R 6W Long. -110.56381		8. Well Name and No. Ute 2-28B6
Lat. 40.27567		9. API Well No. 43-01331434
10. Field and Pool, or Exploratory Area Altamont		11. County or Parish, State Dechesne Utah

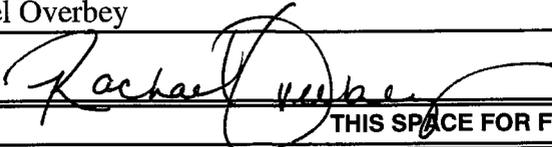
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
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"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	_____
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	_____

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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice 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.)

Operator performed the following work on the subject well between 5/17/08 and 7/17/08:
TOOH W/ TBG & RODS. CSG PLUGGED W/ WAX. RU COIL TBG UNIT TO RELEASE TAC. RUN GR/CCL/CBL LOGS.
SET PKR @ 12036' Acidize Wasatch perms 13,000'-14,476' with 15,000 gals Gelled 15% HCl @ 40-45 BPM utilizing Bio-balls and rock salt for diversion. Release PKR. Dump bailed 10' cmt on plug cmt top at 12985'. Press test - ok. Set cibp at 12945'. Press test - ok. Dump bail 10'cmt. Set PKR 12930' Press test - ok. PERFORATE 1 INTERVAL OF UPPER WASATCH FORMATION FROM 12392'-12926' - 39 SHOTS. SET PKR @ 12068' PRESS TEST - OK.
Break down perforations with 5,000 gallons 15% HCl acid w/ corrosion and scale inhibitor at 10 to 15 bpm. Run 90 Bio-Balls. Frac - 23. Pump crosslinked gel frac treatment with 60,000 lbs 20/40 Carboprop. Fklowback. Release PKR.
RUN TRACER LOG. CBP set @ 12376' Press Test - Ok. Dump bail 10' CMT on top of plug. Top of cmt @ 12366' PERFORATE 1 INTERVAL OF UPPER WASATCH FORMATION FROM 11840'-12366'. 33. Break down perms with +/-50 bbls 2% KCL treat w/ 5,000 gallons 15% HCl acid corrosion and scale inhibitor at 10 to 15 bpm. Run 140 Bio-Balls. Pump crosslinked gel frac treatment with 100,000 lbs 20/40 Carboprop. Drill thru plugs. Stuck tools. Fish free. RUN TRACER LOG
RIH W/ 2-7/8" TBG - TAC AT 9318' W/ 20K TENSION. RUN RODS and PMP. PRES TEST WELL. POP 7/17/08

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

Name (Printed/ Typed) Rachael Overbey	Title Engineering Tech
Signature 	Date 8/15/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

DIV. OF OIL, GAS & MINING

SEP 08 2008

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
14-20-H62-4631

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Ute Indian Tribe

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Ute 2-27B6

9. API NUMBER:
4301331434

10. FIELD AND POOL, OR WILDCAT:
ALTAMONT

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 GAS WELL OTHER _____

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, L.P.

3. ADDRESS OF OPERATOR:
1099 18TH ST, SUITE 1900 CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:
(303) 291-6475

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1727' FNL, 1904' FEL** COUNTY: **Duchesne**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNE 27 T2S R6W** 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: 10/28/2009	<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>commingle/measure</u> <u>ment</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.

THE REFERENCED WELL & UTE 1-27B6 (4301330517) SHARE THE SAME TREATER AND HAVE COMMON ROYALTY OWNERSHIP. EACH MONTH A 24 HR. WELL TEST IS CONDUCTED FOR OIL, GAS AND WATER PRODUCTION. THE PRODUCTION VOLUMES ARE TAKEN FROM THE ORIFICE METER GAS SALES CHART, OIL METER AND WATER METER. THE WELL NOT BEING TESTED IS SHUT IN DURING THE 24 HR TEST PERIOD.

COPY SENT TO OPERATOR
Date: 12.3.2009
Initials: KS

NAME (PLEASE PRINT) MARIE OKEEFE TITLE SR REGULATORY ANALYST

SIGNATURE Marie Okeefe DATE 10/28/2009

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION
OIL, GAS AND MINING

DATE: 11/30/09
BY: D. S. [Signature]

(See Instructions on Reverse Side)

Federal Approval Of This
Action Is Necessary

RECEIVED
NOV 09 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:
14-20-H62-4622

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Ute Indian Tribe

7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Ute 2-28B6

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, L.P.

9. API NUMBER:
4301331434

3. ADDRESS OF OPERATOR:
1099 18TH ST, SUITE 1900 CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:
(303) 291-6475

10. FIELD AND POOL, OR WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1945' FSL, 1533' FEL**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSE 28 T2S R6W**

COUNTY: **Duchesne**
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: 10/28/2009	<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>commingle/measure</u> <u>ment</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.
THE REFERENCED WELL & UTE 1-28B6 (4301330510) SHARE THE SAME TREATER AND HAVE COMMON ROYALTY OWNERSHIP. EACH MONTH A 24 HR. WELL TEST IS CONDUCTED FOR OIL, GAS AND WATER PRODUCTION. THE PRODUCTION VOLUMES ARE TAKEN FROM THE ORIFICE METER GAS SALES CHART, OIL METER AND WATER METER. THE WELL NOT BEING TESTED IS SHUT IN DURING THE 24 HR TEST PERIOD.

COPY SENT TO OPERATOR

Date: 12.3.2009

Initials: KS

NAME (PLEASE PRINT) MARIE OKEEFE

TITLE SR REGULATORY ANALYST

SIGNATURE Marie Okeefe

DATE 10/28/2009

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/30/09
BY: [Signature]
(See Instructions on Reverse Side)

Federal Approval Of This Action Is Necessary

RECEIVED

NOV 09 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

FROM: (Old Operator): N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038	TO: (New Operator): N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038
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WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached 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: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- 4a. Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- 5a. (R649-9-2)Waste Management Plan has been received on: Yes
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 6/25/2012
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 N/A BIA Not Received
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
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")** 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: **Second Oper Chg**

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
3. Bond information entered in RBDMS on: 6/29/2012
4. Fee/State wells attached to bond in RBDMS on: 6/29/2012
5. Injection Projects to new operator in RBDMS on: 6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- 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 **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: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL

OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

See Attached

2. NAME OF OPERATOR:

El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR:

1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER:

(713) 997-5038

10. FIELD AND POOL, OR WILDCAT:

See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

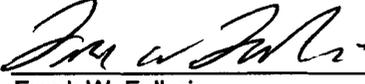
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medina

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERRHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

El Paso E2 Company, L.P. (N3065) to EP Energy E2 Company, L.P. (N3850) effective 6/1/2012

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

El Paso E3 Company, L.P. (N3065) to EP Energy E3 Company, L.P. (N3850) effective 6/1/2012

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P

El Paso E4 Company, L.P. (N3065) to EP Energy E4 Company, L.P. (N3850) effective 6/1/2012

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P

El Paso E5 Company, L.P. (N3065) to EP Energy E5 Company, L.P. (N3850) effective 6/1/2012

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

El Paso E6 Company, L.P. (N3065) to EP Energy E6 Company, L.P. (N3850) effective 6/1/2012

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA

El Paso E7 Company, L.P. (N3065) to EP Energy E7 Company, L.P. (N3850) effective 6/1/2012

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

El Paso E8 Company, L.P. (N3065) to EP Energy E8 Company, L.P. (N3850) effective 6/1/2012

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	