



*Talon Resources, Inc.*

Service, Quality and Accuracy

375 South Carbon Avenue A-10  
Suite 101  
Price, Utah 84501  
Phone: 435-637-8781  
435-637-5032 Ext 710/711

Cell: 801-650-1401  
801-650-1402  
Fax: 435-636-8603  
Email: talon@castlenet.com

October 25, 2001

Ms. Lisha Cordova  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—State of Utah “II” 36-95, Emery County, Utah  
2022’ FNL, 2130’ FEL, Section 36, T17S, R7E, SLB&M.

Dear Ms. Cordova:

On behalf of Texaco Exploration and Production, Inc. (Texaco), Talon Resources, Inc. respectfully submits the enclosed original of the *Application for Permit to Drill (APD)* for the above referenced well. The location of the well is no closer that 460’ to the drilling unit boundary. Included with the APD is the following supplemental information:

Exhibit “A” - Survey plats and layouts of the proposed well site;

Exhibit “B” - Proposed location map with pipe, power, and road corridors;

Exhibit “C” - Drilling site layout;

Exhibit “D” - Drilling Program;

Exhibit “E” - Multi Point Surface Use Plan;

Exhibit “F” - Typical road cross-section;

Exhibit “G” - Typical BOP diagram;

Exhibit “H” - Typical wellhead manifold diagram.

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OCT 29 2001

DIVISION OF  
OIL, GAS AND MINING

**ORIGINAL**

Please accept this letter as Texaco Exploration and Production's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact myself, or Mr. Ian Kephart at Texaco if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton

Environmental Manager / Project Coordinator

cc: Mr. Bryant Anderson, Emery County

Mr. Allen Davis, Texaco

Mr. Chuck Snure, Texaco

Mr. Bob Lamarre, Texaco

Mr. Ian Kephart, Texaco

Mr. Roger Johnson, Texaco

Mr. Ron Wirth, Texaco

Texaco Well File

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL  DEEPEN   
B. Type of Well: OIL  GAS  OTHER: SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator: Texaco Exploration and Production, Inc.  
3. Address and Telephone Number: 3300 North Butler, Suite 100, Farmington, NM 87401; 505-325-4397

4. Location of Well (Footages)  
At Surface: 2022' FNL, 2130' FEL 4350096 N  
At Proposed Producing Zone: 492729 E

5. Lease Designation and Serial Number: MI-45567  
6. If Indian, Allottee or Tribe Name: N/A  
7. Unit Agreement Name: N/A  
8. Farm or Lease Name: State of Utah "IT"  
9. Well Number: 36-95  
10. Field or Pool, or Wildcat: Undesignated  
11. Qtr/Qt, Section, Township, Range, Meridian: SW/4 NE/4, Section 36, T17S, R7E, SLB&M

14. Distance in miles and direction from nearest town or post office: 5.6 miles northwest of Orangeville, Utah  
12. County: Emery 13. State: Utah

15. Distance to nearest property or lease line (feet): 2022' 16. Number of acres in lease: 640 17. Number of acres assigned to this well: 160 acres  
18. Distance to nearest well, drilling, completed, or applied for, or 1800' 19. Proposed Depth: 4070' 20. Rotary or cable tools: Rotary  
21. Elevations (show whether DF, RT, GR, etc.): 6990' GR 22. Approximate date work will start: June 2002

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55 ST&C	24	300'	230 sacks Class G cement + 2% CaCl <sub>2</sub> + 0.25 pps cellophane
7-7/8"	5-1/2" N-80 LT&C	17	4070'	135 sacks 10:1 RFC Class G cement + 0.25 pps cellophane

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.\*

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OCT 29 2001

DIVISION OF OIL, GAS AND MINING

ORIGINAL

CONFIDENTIAL

24. Name & Signature: Ron With Title: OPERATIONS SUPERVISOR Date: 10/24/01

(This space for state use only)  
API Number Assigned: 43-015-30509

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/11-01  
By: [Signature]

# Range 7 East

N88°43'49"W - 2580.65'  
(S89°59'W - 2637.36')

S89°31'13"W - 2645.80'  
(S89°32'W - 2646.60')

Township 17 South

N00°27'59"E - 2589.03'  
(N00°08'E - 2642.64')

N00°13'14"W - 2621.74'  
(N00°14'W - 2623.5')

N00°00'55"E - 2623.01'

(N00°03'E - 5250.96')

N00°01'15"E - 2626.47'

## 36

Drill hole 36-95  
Elevation 6989.7'

UTM  
N - 4350097  
E - 492733

2129.6'  
3227.3'

(S89°55'E - 5281.32')  
S89°55'07"E - 5279.56'

NE 1  
Elev. 6781'

- Legend**
- Drill Hole Location
  - ⊙ Brass Cap (Found)
  - Brass Cap (Searched for, but not found)
  - △ Calculated Corner
  - ( ) GLO
  - GPS Measured

# ORIGINAL

**NOTE:**  
UTM Coordinates are derived using a Pathfinder GPS Unit.

**Location:**

The well location was determined using a Trimble 4700 GPS survey grade unit.

**Basis of Bearing:**

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

**Basis of Elevation:**

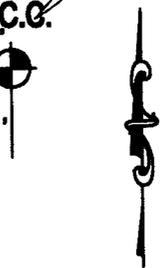
Basis of Elevation of 6761' being at the Northeast Section corner of Section 1, Township 16 South, Range 7 East, Salt Lake Base & Meridian, as shown on the Red Point Quadrangle 7.5 Minute Series Map.

**Description of Location:**

Proposed Drill Hole located in the SW 1/4, NE 1/4 of Section 36; being 3227.29' North and 2129.64' West from the Southeast Corner of Section 36, T17S., R7E., Salt Lake Base and Meridian.

**Surveyor's Certificate:**

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



**GRAPHIC SCALE**  
0 500' 1000'  
( IN FEET )  
1 inch = 1000 ft.



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Preston, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603

★ **TEXACO E & P** ★  
**WELL # 36-95**  
Section 36, T17S., R7E., S.L.B.&M.  
Emery County, Utah

Drawn By W. JACOBSON	Checked By L.W.J.
Drawing No. A-1	Date 03/08/01
	Scale 1" = 1000'
Sheet 1 of 4	Job No. 267

EXHIBIT "D"  
DRILLING PROGRAM

Attached to UDOGM Form 3  
Texaco Exploration and Production, Inc.  
State of Utah "II" 36-95  
SW/4 NE/4, Sec. 36, T17S, R7E, SLB & M  
2022' FNL, 2130' FEL  
Emery County, Utah

1. The Geologic Surface Formation

Blue Gate Shale Member of the Mancos Shale

2. Estimated Tops of Important Geologic Markers

Ferron Marker           -- 3600'  
Top of the A Coal       -- 3670'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones – 3600' - 3970'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1000 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>CONDITION</u>
12-1/4"	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	4070'	5-1/2"	17# N-80 LT&C	New

**CONFIDENTIAL**

**Cement Program -Every attempt will be made to bring cement back to surface.**

Surface Casing: 230 sacks G + 2 % CaCl<sub>2</sub> + 0.25 pps cellophane flakes;  
Weight: 15.8 #/gal  
Yield: 1.16 cu.ft/sk

Production Casing: 135 sacks 10:1 RFC Class G cement + 0.25 pps cellophane flakes;  
Weight: 14.2 #/gal,  
Yield: 1.62 cu.ft/sk yield.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. **The Operator's Minimum Specifications for Pressure Control**

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOP will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. **The Type and Characteristics of the Proposed Circulating Muds**

0-300	12-1/4" hole	Drill with air, will mud-up if necessary.
300-TD	7-7/8" hole	Drill with air. 400 psi @ 1500-1800 Scf.

7. The Testing, Logging and Coring Programs are as followed

300-TD      Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is approximately 1000 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx.: June 2002.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

**EXHIBIT "E"**  
**Multipoint Surface Use Plan**

Attached to UDOGM Form 3  
Texaco Exploration and Production, Inc.  
State of Utah "II" 36-95  
SW/4 NE/4, Sec. 36, T17S, R7E, SLB & M  
2022' FNL, 2130' FEL  
Emery County, Utah

**1. Existing Roads**

- a. The proposed access road will encroach the Des Bee Dove Road (County Road #416) in which verbal approval to construct and encroach has been received but a final written approval is pending from the Emery County Road Department (see Exhibit "B").
- b. We do not plan to change, alter or improve upon any other existing state or county roads. Existing roads will be maintained in the same or better condition.

**2. Planned Access**

- a. Approximately 100' of new access is required (see Exhibit "B").
- b. Maximum Width: 20' travel surface with a 27' base.
- c. Maximum grade: 10%.
- c. Turnouts: None.
- d. Drainage design: approximately 1- 18" culvert may be required. Water will be diverted away from the planned access as necessary and practical.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

### **3. Location of Existing Wells**

- a. There are two proposed wells and three existing wells within a one mile radius of the proposed well site (see Exhibit "B").

### **4. Location of Existing and/or Proposed Facilities**

- a. If the well is a producer, installation of production facilities will follow.
- b. Buried powerlines and gathering lines will diverge from the proposed access road and connect to the State of Utah 36-96 well site (see Exhibit "B").
- c. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### **5. Location and Type of Water Supply**

- a. Water to be used for drilling will be obtained from a local water source (probably North Emery Water Users Association, a local source of municipal water).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### **6. Source of Construction Materials**

- a. All necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

## **7. Methods for handling waste disposal**

- a. Since the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or pad location
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

## **9. Wellsite Layout**

- a. Available topsoil will be removed from the location and stockpiled. The location of mud tanks, reserve and bermed pits, and soil stockpiles will be located as shown on Exhibit "C".
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the bermed pit. The bermed pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

## **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and recontoured to minimize possible erosion.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by the existing conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the wellsite is to be abandoned, all disturbed areas will be recontoured.

## **11. Surface Ownership**

- a. The wellsite will be constructed on lands owned by the School and Institutional Trust Lands Administration, 675 East 500 South, SLC, Utah 84102-2818; 801-538-5100. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

## **12. Other Information:**

- a. The primary surface use is wildlife habitat. The nearest dwelling is approximately 17,500' southwest. Nearest live water is Huntington Canal approximately 17,600' southwest.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The backslope and foreslope will be constructed no steeper than 4:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be at the well site during construction and drilling operations.
- f. There will be no deviation from the proposed construction, drilling, and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. **Company Representatives**

Ian Kephart  
Texaco Exploration and Production, Inc.  
3300 North Butler Suite 100  
Farmington, New Mexico 87401  
(505)325-4397

Ron D. Wirth  
Texaco Exploration and Production, Inc.  
P.O. Box 618  
Orangeville, Utah 84537  
(435) 748-5395

**Mail Approved A.P.D. To:**

Company Representatives

**Excavation Contractor**

Nielson Construction  
625 West 1300 North,  
North Loop Road  
Huntington, Utah 84528  
(435) 687-2494

14. **Certification**

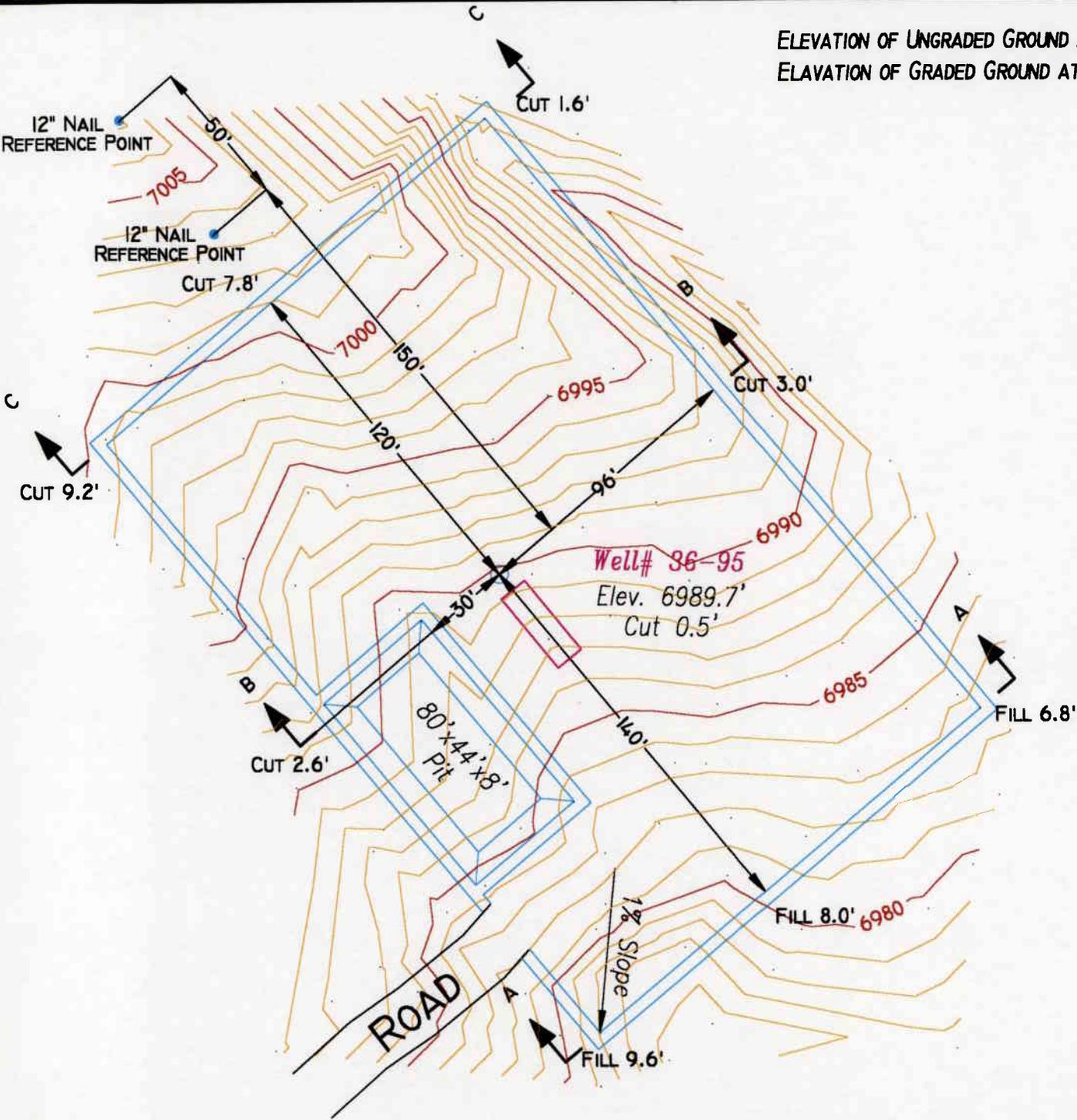
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill-site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated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

10/21/01  
Date

Ron Wirth  
Texaco Exploration and Production, Inc.

ORIGINAL

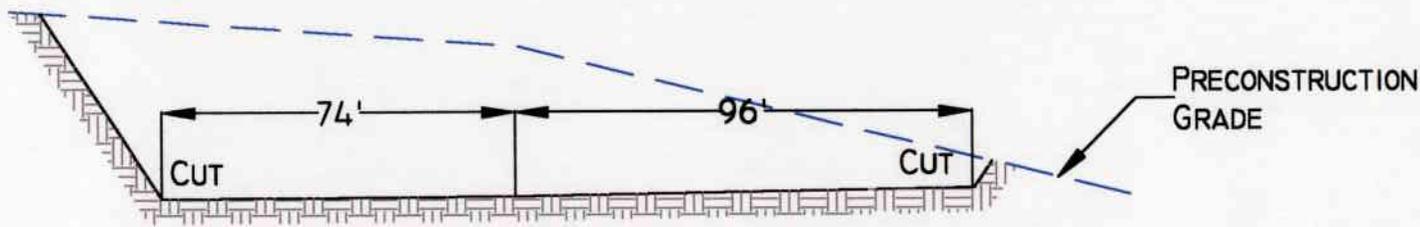
ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 6989.7'  
 ELAVATION OF GRADED GROUND AT LOCATION STAKE = 6989.2'



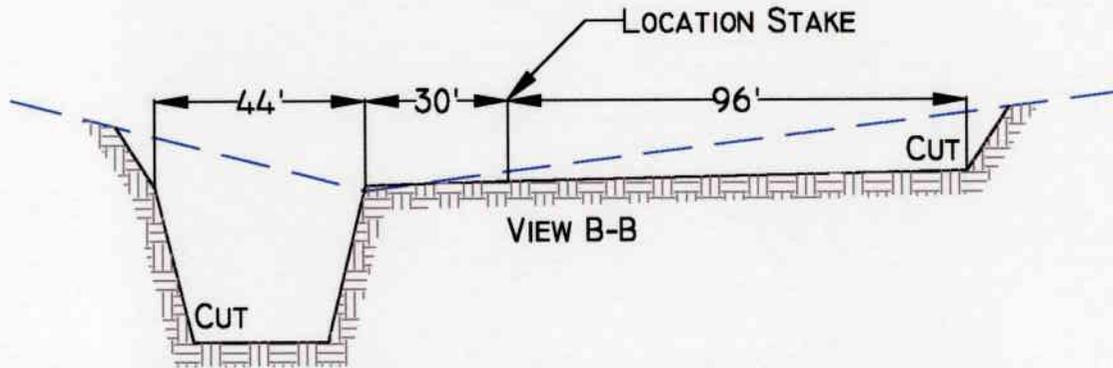
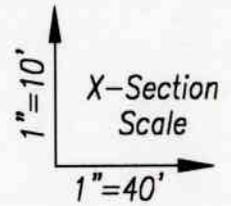
**Talon Resources, Inc.**  
 375 South Carbon Avenue, Suite 126  
 Price, Utah 84501  
 Ph: 435-637-8781  
 Fax: 435-636-8603

**TEXACO E & P**  
**LOCATION LAYOUT**  
 Section 36, T17S, R7E, S.L.B.&M.  
**WELL # 36-95**

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 02/22/01
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 267

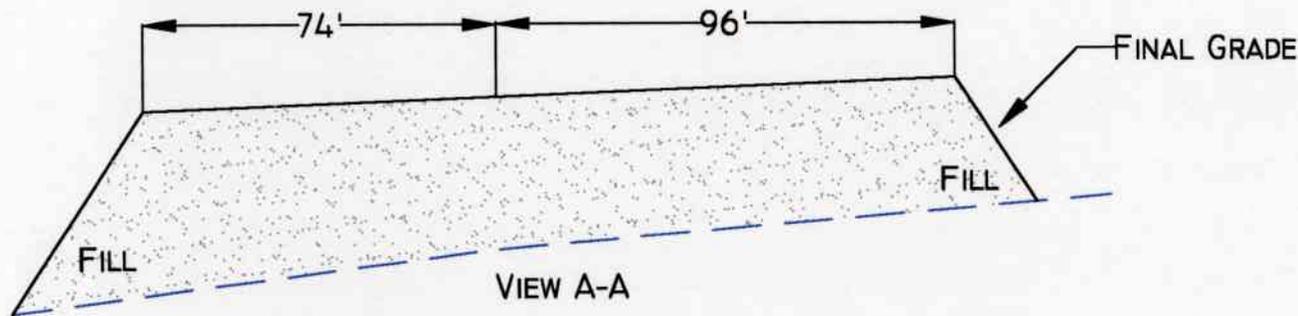


VIEW C-C



VIEW B-B

SLOPE = 1 1/2 : 1  
 (EXCEPT PIT)  
 PIT SLOPE = 1 ; 1



VIEW A-A



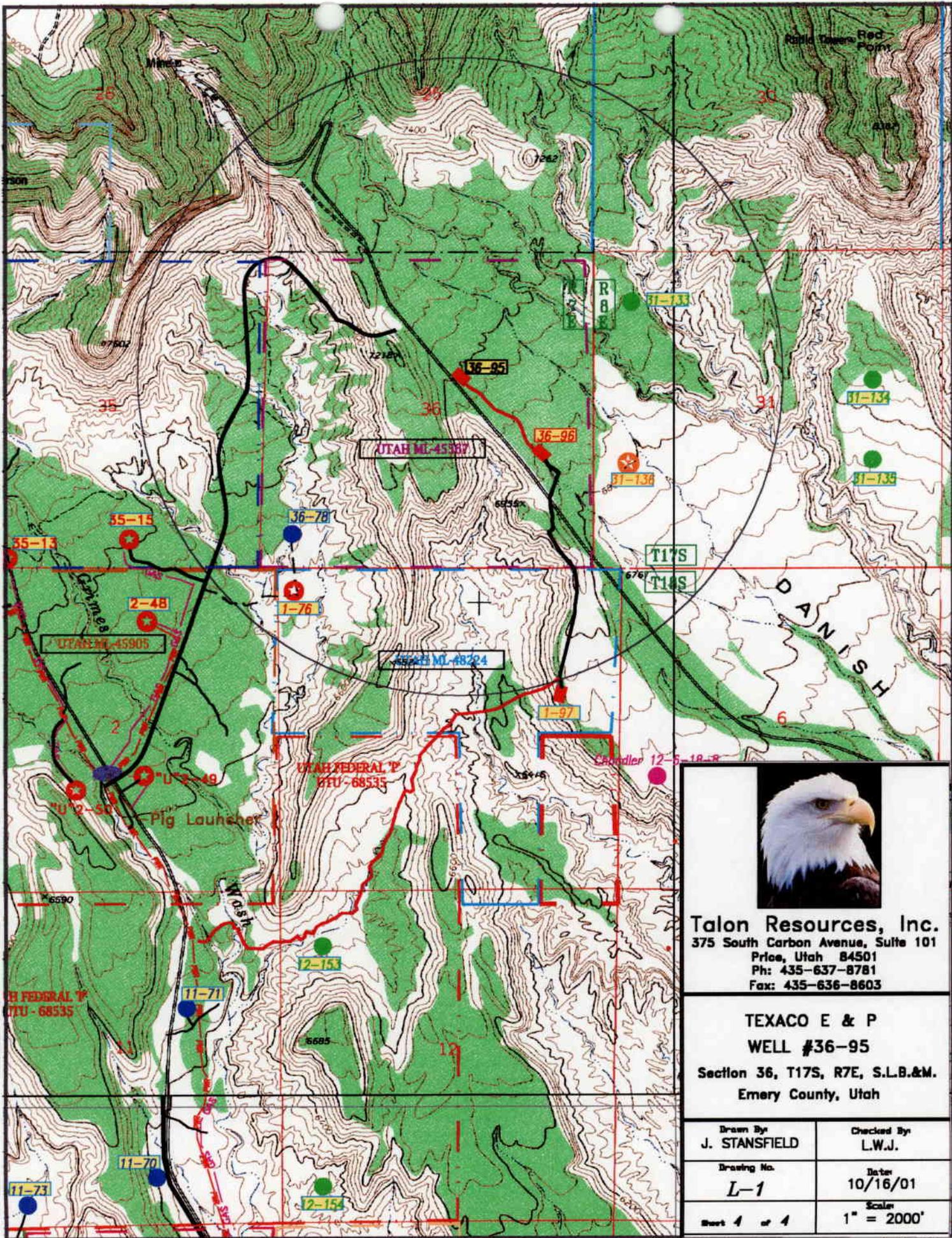
**Talon Resources, Inc.**  
 375 South Carbon Avenue, Suite 126  
 Price, Utah 84501  
 Ph: 435-637-8781  
 Fax: 435-638-8803

**TEXACO E & P**  
 TYPICAL CROSS SECTION  
 Section 36, T17S, R7E, S.L.B.&M.  
 WELL # 36-95

**APPROXIMATE YARDAGES**  
**CUT**

(6") TOPSOIL STRIPPING = 750 CU. YDS.  
 REMAINING LOCATION = 6,143.4 CU, YDS.  
TOTAL CUT = 7,163.4 CU. YDS.  
 TOTAL FILL = 3,525.0 CU. YDS.

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. C-1	Date: 02/22/01
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 267

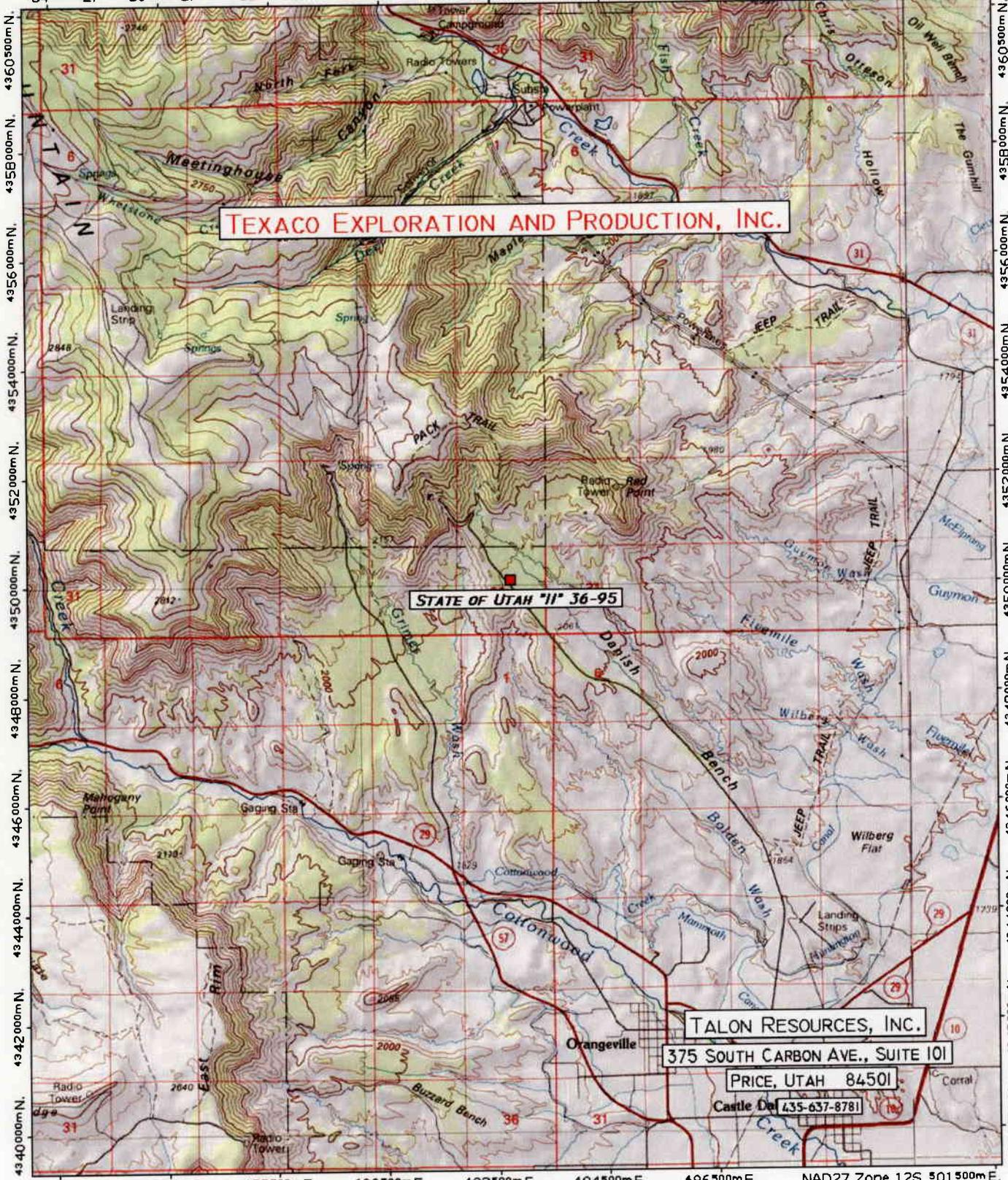


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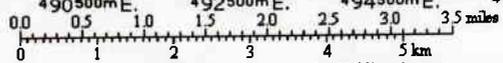
**TEXACO E & P**  
**WELL #36-95**  
 Section 36, T17S, R7E, S.L.B.&M.  
 Emery County, Utah

Drawn By J. STANSFIELD	Checked By L.W.J.
Drawing No. L-1	Date 10/16/01
Sheet 4 of 4	Scale 1" = 2000'

484500m E. 486500m E. 488500m E. 490500m E. 492500m E. 494500m E. 496500m E. NAD27 Zone 12S 501500m E.

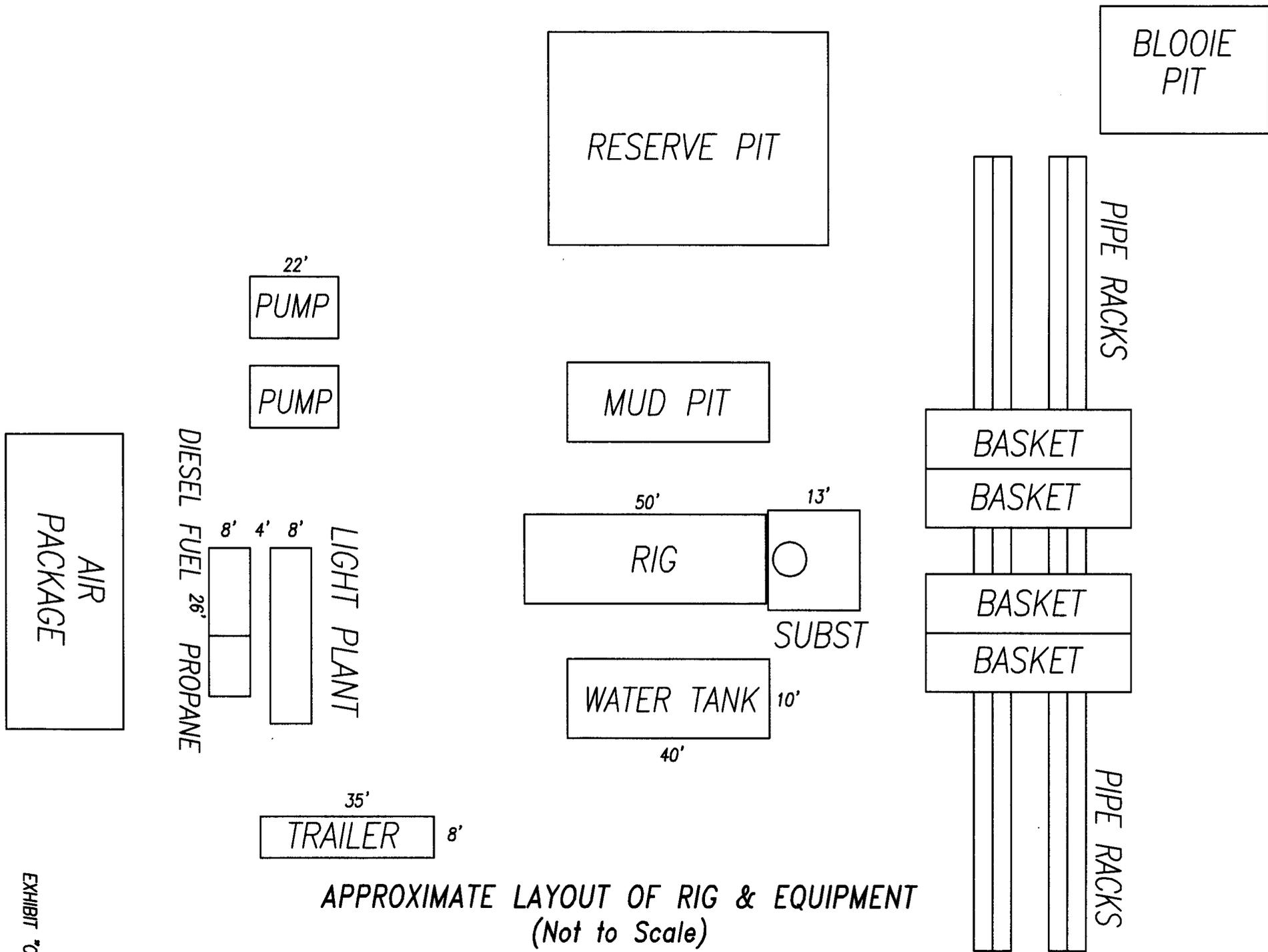


TN  
13°



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484500m E. 486500m E. 488500m E. 490500m E. 492500m E. 494500m E. 496500m E. NAD27 Zone 12S 501500m E.



APPROXIMATE LAYOUT OF RIG & EQUIPMENT  
(Not to Scale)

# TYPICAL ROAD CROSS-SECTION

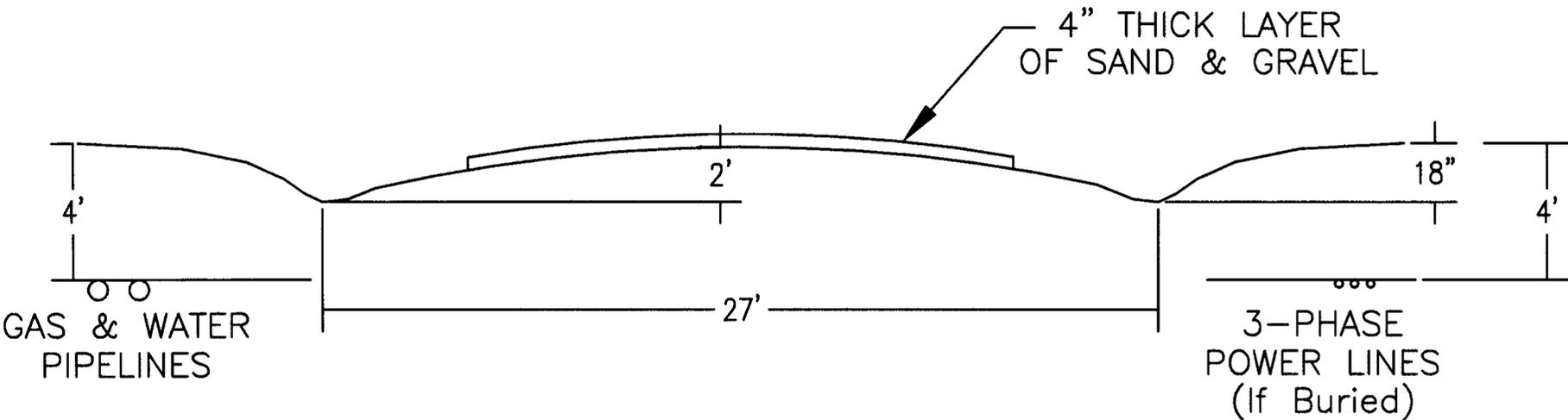
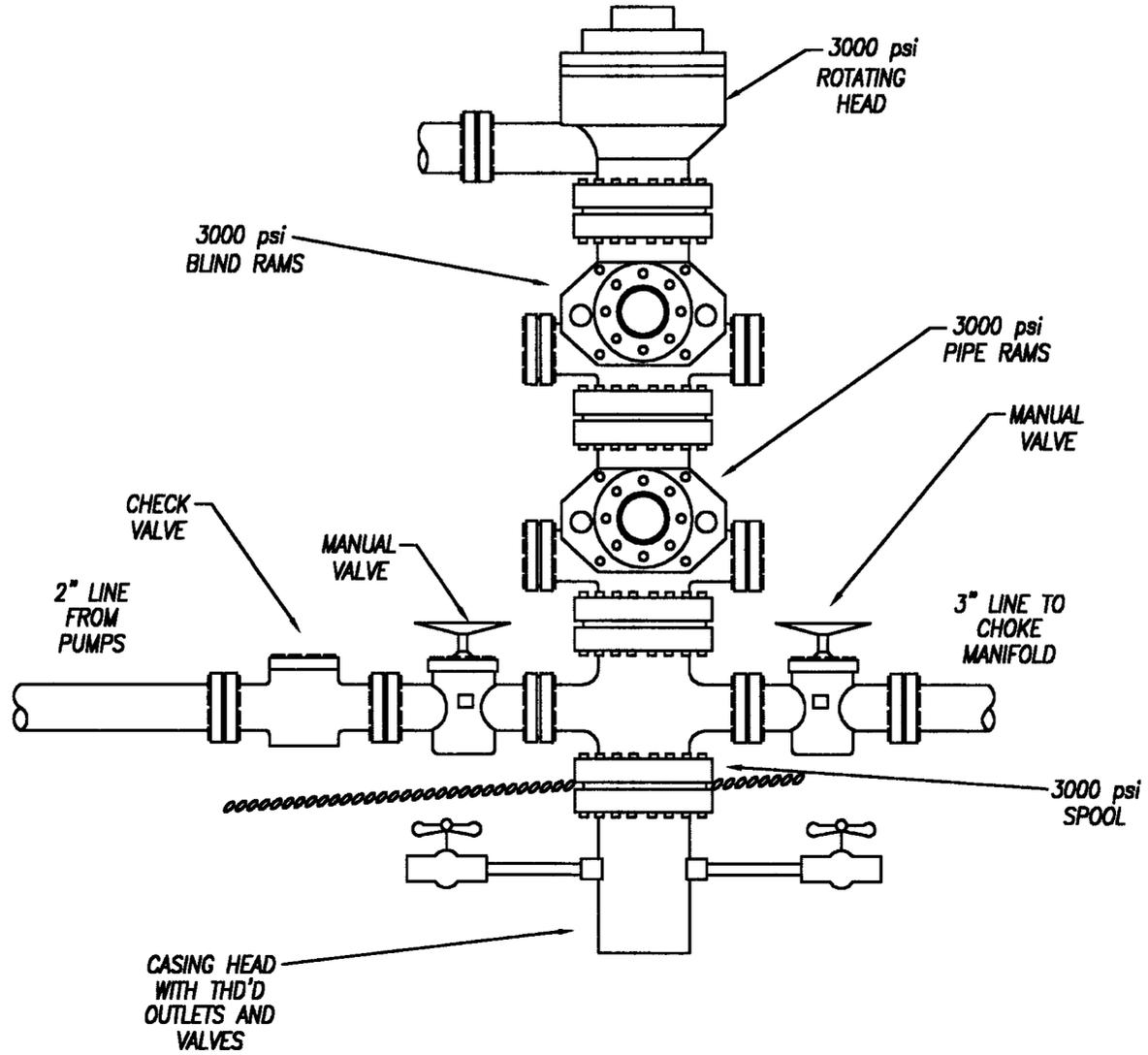


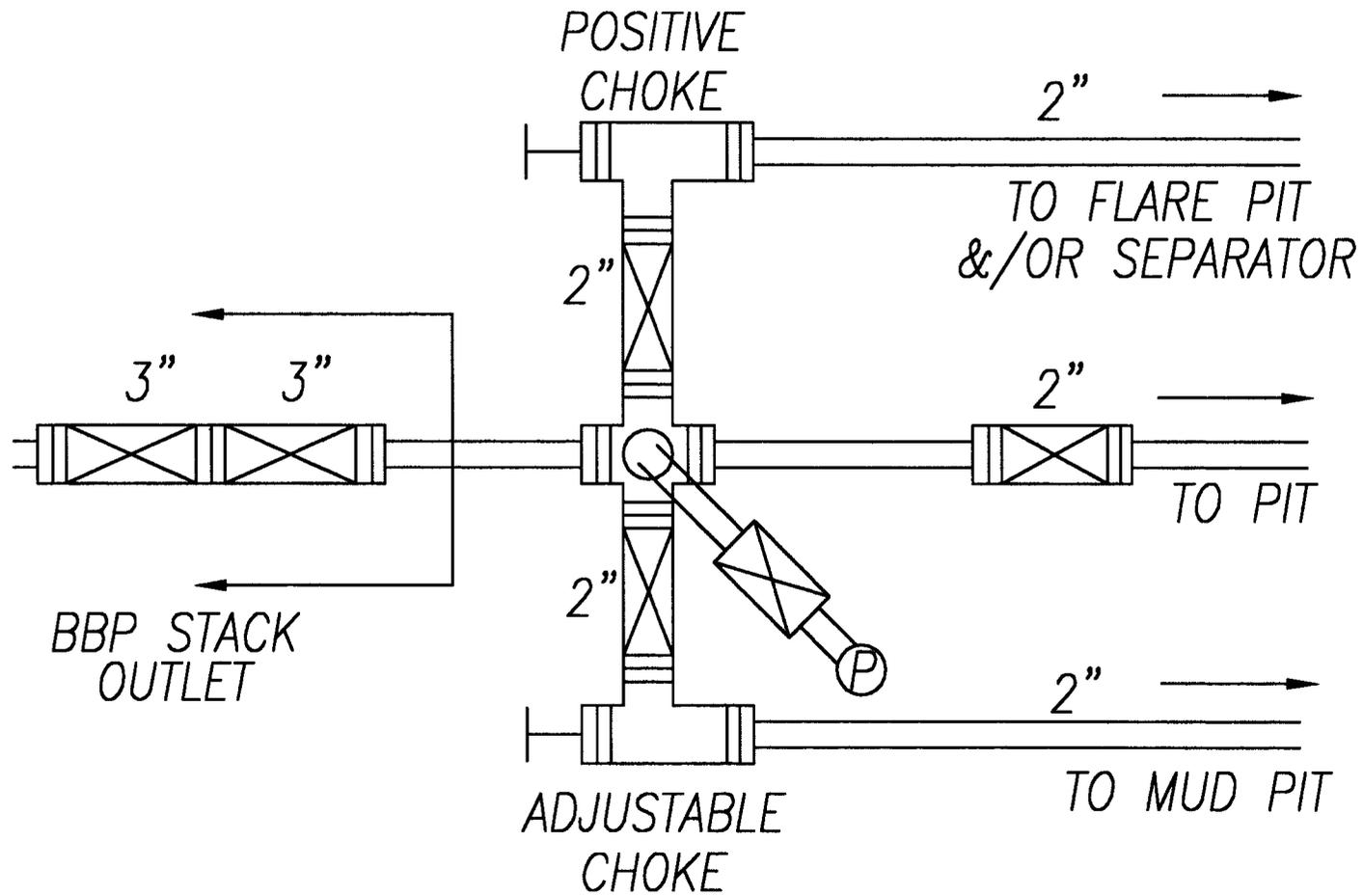
EXHIBIT "F"

# BOP Equipment

3000psi WP



# CHOKE MANIFOLD



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/29/2001

API NO. ASSIGNED: 43-015-30509

WELL NAME: ST OF UT II 36-95  
OPERATOR: TEXACO E & P INC ( N5700 )  
CONTACT: DON HAMILTON, AGENT

PHONE NUMBER: 435-637-8781

PROPOSED LOCATION:

SWNE 36 170S 070E  
SURFACE: 2022 FNL 2130 FEL  
BOTTOM: 2022 FNL 2130 FEL  
EMERY  
UNDESIGNATED ( 2 )

LEASE TYPE: 3 - State  
LEASE NUMBER: ML-45567  
SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DRD	12/10/01
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 6049663 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 245-1 (160')  
Eff Date: 7-7-99  
Siting: 460' to Dr. Unit Boundary & 920' between wells.
- R649-3-11. Directional Drill

COMMENTS:

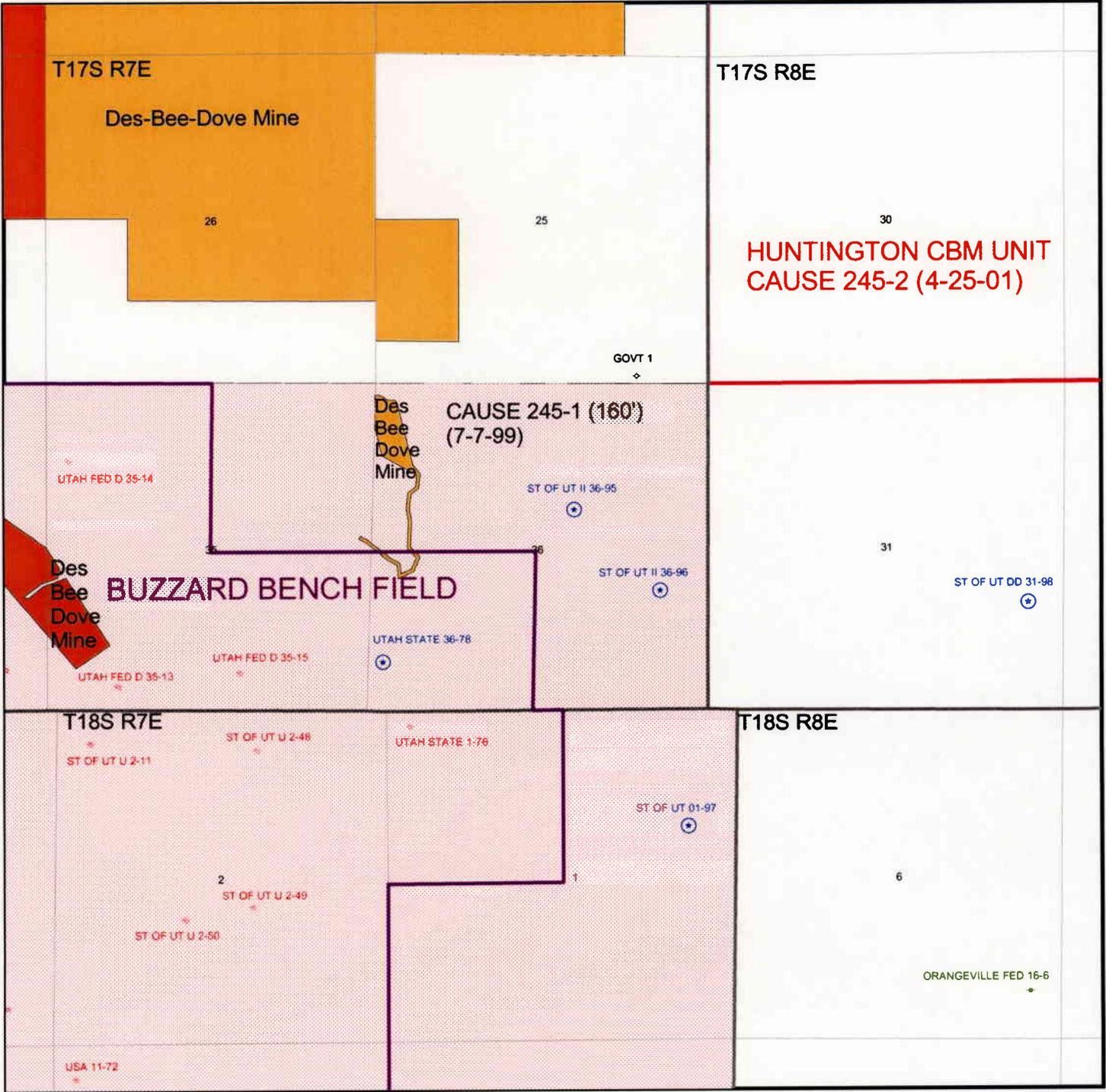
Need presite. (12-03-01)

STIPULATIONS:

① STATEMENT OF BASIS



OPERATOR: TEXACO E&P INC (N5700)  
 SEC. 36, T17S, R7E  
 SEC. 01, T18S, R7E  
 FIELD: UNDESIGNATED (002)  
 COUNTY: EMERY CAUSE: 245-1 (160')



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/29/2001

API NO. ASSIGNED: 43-015-30509

WELL NAME: ST OF UT II 36-95  
OPERATOR: TEXACO E & P INC ( N5700 )  
CONTACT: DON HAMILTON, AGENT

**AMENDED**

PHONE NUMBER: 435-637-8781

PROPOSED LOCATION:

NWNE 36 170S 070E  
SURFACE: 0271 FNL 1926 FEL  
BOTTOM: 0271 FNL 1926 FEL  
EMERY  
BUZZARD BENCH ( 132 )

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

LEASE TYPE: 3 - State  
LEASE NUMBER: ML-45567  
SURFACE OWNER: 3 - State  
PROPOSED FORMATION: FRSD

LATITUDE: 39.30688  
LONGITUDE: -111.0836

RECEIVED AND/OR REVIEWED:

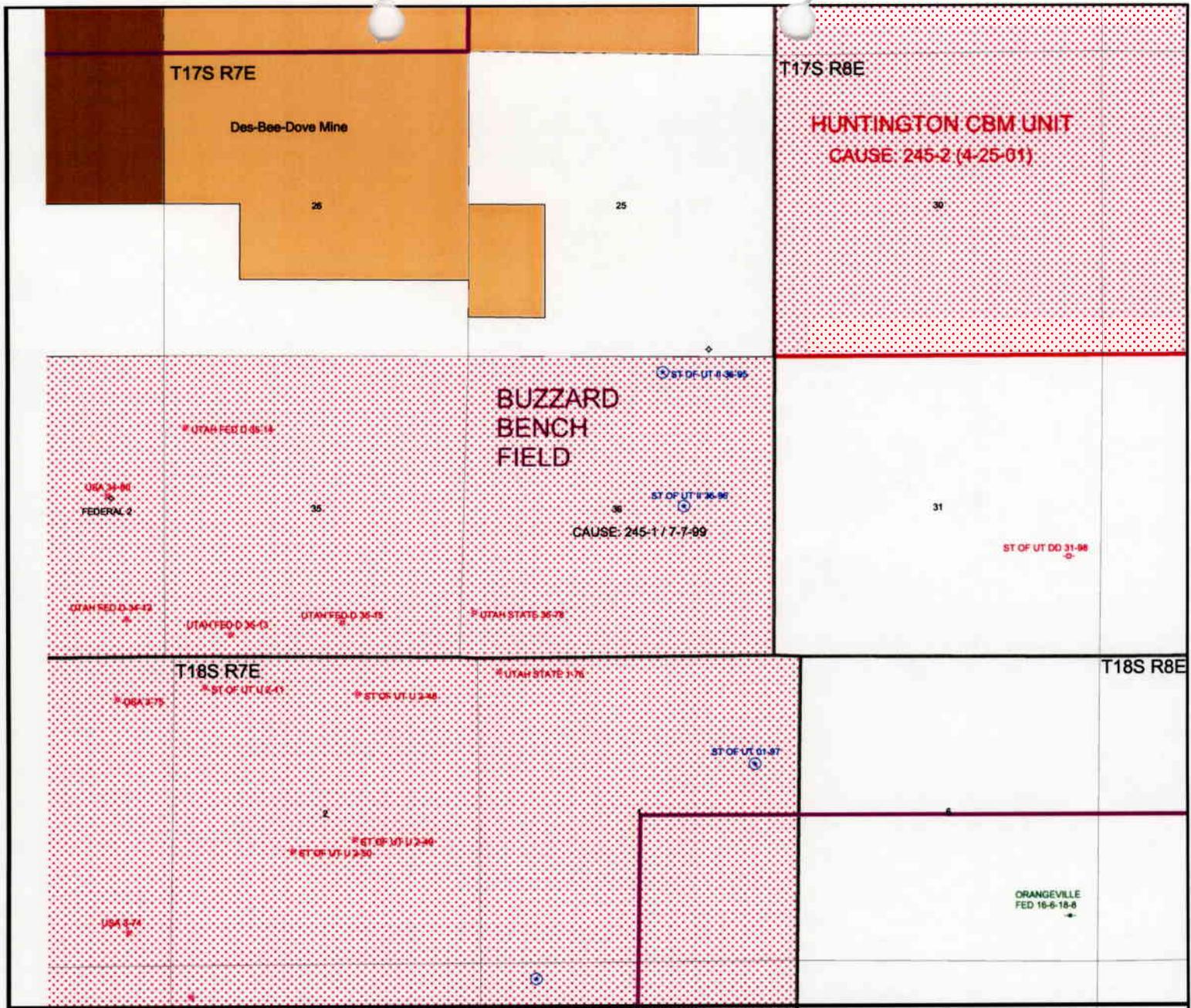
- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 6049663 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.  
Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 245-1 (140')  
Eff Date: 7-7-99  
Siting: 440' fr drl. Unit boundary of 920' between wells.
- R649-3-11. Directional Drill

COMMENTS: Need presite (Reod 7-25-02)

STIPULATIONS: ① STATEMENT OF BASIS

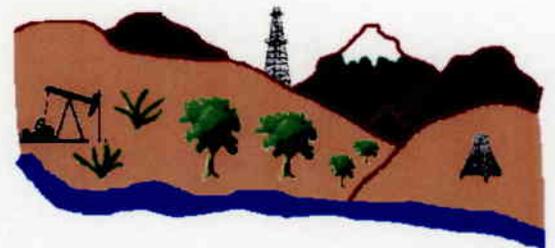


OPERATOR NAME: TEXACO E&P INC (N5700)

SEC. 36 T17S R7E

FIELD: BUZZARD BENCH (132)

COUNTY: EMERY SPACING: 245-1 / 7-7-99



## Utah Oil Gas and Mining

### Field Status

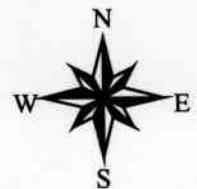
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Township.shp
- Sections

### Well Status

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

### Unit Status

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



Prepared By: D. Mason  
Date: 25-July-2002

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Texaco  
**WELL NAME & NUMBER:** State of Utah "II" 36-95  
**API NUMBER:** 43-015-30509  
**LEASE:** State **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4,1/4 SWNE Sec: 36 TWP: 17S RNG: 7 E 2022' FNL 2130' FEL  
**LEGAL WELL SITING:** 460 F UNIT BOUNDARY; 920 F ANOTHER WELL.  
**GPS COORD (UTM):** X =492729 E; Y =4350096 N SURFACE OWNER: SITLA

**PARTICIPANTS**

M. Jones (DOGM), D. Hamilton (Talon), R. Wirth (Texaco), C. Colt (DWR). SITLA and Emery County were invited but did not attend.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is located ~4.0 miles N of Texaco's Orangeville facilities. ~5.18 miles NW of Orangeville, UT. ~6.8 miles SW of Huntington, UT. NW of Huntington, UT. Deep dry washes are prominent in this area along with many smaller washes. The Desbee Dove road will be the main access from which will shoot a 50' access to the location. Proper clearance has been obtained via Emery County for the right to use this access.

**SURFACE USE PLAN**

**CURRENT SURFACE USE:** Grazing and wildlife habitat.

**PROPOSED SURFACE DISTURBANCE:** 170 x 260 pad w/ 80 x 44 x 8 pit included.

**LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:** 3 Proposed wells, 1 producing well, and 1 PA well.

**LOCATION OF PRODUCTION FACILITIES AND PIPELINES:** Along the roadway.

**SOURCE OF CONSTRUCTION MATERIAL:** Obtained Locally and transported in.

**ANCILLARY FACILITIES:** N/A

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry wash NE of pad.

FLORA/FAUNA: PJ, Sagebrush, grasses, deer, elk, coyote, small game, fowl.

SOIL TYPE AND CHARACTERISTICS: Clay.

EROSION/SEDIMENTATION/STABILITY: Erosive.

PALEONTOLOGICAL POTENTIAL: None observed.

**RESERVE PIT**

CHARACTERISTICS: Dugout earthen pit.

LINER REQUIREMENTS (Site Ranking Form attached): Liner Required.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement.

SURFACE AGREEMENT: Yes.

CULTURAL RESOURCES/ARCHAEOLOGY: On file with State.

**OTHER OBSERVATIONS/COMMENTS**

\_\_\_\_\_

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

December 3, 2001 / 2:30 pm  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      20      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.





**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Texaco  
**WELL NAME & NUMBER:** State of Utah "II" 36-95  
**API NUMBER:** 43-015-30509  
**LEASE:** State **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4, 1/4 SWNE **Sec:** 36 **TWP:** 17S **RNG:** 7 E 2022' **FNL** 2130' **FEL**

**Geology/Ground Water:**

A search of the Utah Division of Water Rights was made and a plot of the existing points of diversion was obtained showing 0 active points of diversion within one mile of this location. There are only 4 known culinary wells in Emery County. The location is on a flat middle level bench just south of Danish Wash. This wash eventually drains into Huntington Creek and thence to the Price River. Precautions will be taken to limit erosion and siltation caused by the drilling activities. Soils in the area are quaternary pediment mantel and will consist of sand and clay derived from the rock layers of the Upper Member of Bluegate Shale and interbedded Emery Sandstone. In this area the formations will dip gently toward the west where they rise to form the Wasatch Plateau, and lie in an erosional valley of the Price River and Huntington River Drainages, as they flow around the San Rafael Swell to the East. The 300 feet of surface casing proposed for this well should be sufficient for the protection of any near surface waters.

**Reviewer:** K. Michael Hebertson **Date:** 6-December-2001

**Surface:**

The area drains to the Southeast towards the San Rafael River. The terrain varies from fairly flat at the location to steep and erosive in the near vicinity, with some dry washes varying in size in the immediate and surrounding areas. Provisions were made for site rehabilitation and waste disposal. SITLA and Emery County were invited but did not attend.

**Reviewer:** Mark L. Jones **Date:** December 4, 2001

**Conditions of Approval/Application for Permit to Drill:**

1. Berm location and reserve pit.
2. Divert drainages around the location with diversion ditches, turnouts, and culverts where appropriate.
3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

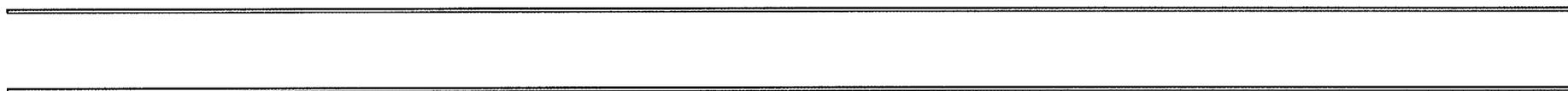
UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, DEC 6, 2001, 11:52 AM  
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
S 2022 FEET, W 2130 FEET OF THE NE CORNER,  
SECTION 36 TOWNSHIP 17S RANGE 7E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET

N O R T H  
\*\*\*\*\*





Well name:	<b>12-01 Texaco ST of UT II 36-95</b>		
Operator:	<b>Texaco E&amp;P</b>	Project ID:	43-015-30509
String type:	Surface		
Location:	Emery County, Utah		

**Design parameters:**

**Collapse**  
Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Burst:**  
Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 69 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 300 ft

Cement top: 0 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.433 psi/ft  
Calculated BHP 130 psi

No backup mud specified.

**Tension:**  
8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 262 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 4,070 ft  
Next mud weight: 8.330 ppg  
Next setting BHP: 1,761 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 300 ft  
Injection pressure 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	8.625	24.00	K-55	ST&C	300	300	7.972	14.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	130	1370	10.56	130	2950	22.73	7	263	36.54 J

Prepared by: Dustin K. Doucet  
Utah Dept. of Natural Resources

Phone: (801) 538-5281  
FAX: (801)359-3940

Date: December 10,2001  
Salt Lake City, Utah

N/A.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.\**

Well name:	<b>12-01 Texaco ST of UT II 36-95</b>	
Operator:	<b>Texaco E&amp;P</b>	Project ID:
String type:	Production	43-015-30509
Location:	Emery County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 122 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

**Burst:**

Design factor 1.00

Cement top: 3,295 ft

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.433 psi/ft  
 Calculated BHP: 1,761 psi

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Non-directional string.

No backup mud specified.

Tension is based on air weight.  
 Neutral point: 3,556 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4070	5.5	17.00	N-80	LT&C	4070	4070	4.767	140.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1761	6290	3.57	1761	7740	4.39	69	348	5.03 J

Prepared by: Dustin K. Doucet  
 Utah Dept. of Natural Resources

Phone: (801) 538-5281  
 FAX: (801)359-3940

Date: December 10,2001  
 Salt Lake City, Utah

N/A.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

12-01 Texaco ST of UT II 95

Casing Schematic

Surface

Bluegate shale

8-5/8"  
MW 8.3  
Frac 19.3

TOC @  
0.

Surface  
300. MD

w/25% washout

BOP

BOP

$(0.052)(8.3)(4070) = 1763 \text{ psi}$   
Anticipated = 1000 psi

$\frac{Gas}{(0.12)}(4070) = 488 \text{ psi}$

MASP = 1275 psi

3M BOPE Proposed

Adequate  
D&D 12/01/01

3600'  
Ferron  
3670'  
"A" coal

5-1/2"  
MW 8.3

TOC @  
3295.

3600'

3670'

Production  
4070. MD

w/15% washout

coals 55's



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

December 11, 2001

Texaco Exploration & Production, Inc.  
3300 N Butler, Suite 100  
Farmington, NM 87401

Re: State of Utah II 36-95 Well, 2022' FNL, 2130' FEL, SW NE, Sec. 36, T. 17 South,  
R. 7 East, Emery County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30509.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

cc: Emery County Assessor  
SITLA

**Operator:** Texaco Exploration & Production, Inc.  
**Well Name & Number** State of Utah II 36-95  
**API Number:** 43-015-30509  
**Lease:** ML 45567

**Location:** SW NE      **Sec.** 36      **T.** 17 South      **R.** 7 East

### Conditions of Approval

1. **General**

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

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)



**Chevron U.S.A. Production Company**  
Mid-Continent Business Unit  
P.O. Box 36366  
Houston, TX 77236  
Phone 713 754 2000

April 9, 2002

Mr. John Baza,  
Associate Director of Oil and Gas  
Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
1594 W. North Temple St., Suite 1210  
Salt Lake City, UT 84114-5801

**RECEIVED**

APR 12 2002

DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Baza:

As you may recall from our meeting last year, we planned to combine the assets of Chevron U.S.A. Inc. ("CUSA"), by merger, and Texaco Exploration and Production Inc. ("TEPI"), by assignment, into a new entity which we referred to as "Newco LP". Along the way, additional information came to light and it was decided that this proposed corporate restructure would not be preferable. Therefore, CUSA and TEPI have continued to operate as separate entities.

We are now planning a simpler restructuring process where TEPI will assign most of its assets/operatorship to CUSA effective May 1, 2002. We plan to use the existing CUSA bonds/letters of credit, operator identification numbers, etc., for the TEPI assets that will be assigned.

A task force of Land, Regulatory and Environmental Compliance personnel are finishing the work that was begun last year to assign TEPI's assets—using the same forms and procedures as before. We have "new faces" in this task force due to reassignments and departures. In some cases, it may be worthwhile to visit you and your staff in person where new people are involved or if we need to review/clarify your forms and procedures. Otherwise, we will endeavor to complete the work to assign TEPI's assets/operatorship to CUSA and deliver the requisite materials to you in a timely manner.

During discussions last year, our focus was on Land, Regulatory and Environmental matters. The Finance organization also desires to join in this effort. For State Tax, Royalty and Regulatory reporting purposes (applicable to production from May 2002 through December 2002), we intend to generate two reports and two payments.

However, the reporting company name and identification number will be CUSA's. Beginning with January 2003 production and thereafter, we will issue only one CUSA report and payment. We trust this plan meets with your approval. Any questions or comments should be directed to Rick Dunlavy (telephone 713/752-7411, rickdunlavy@chevrontexaco.com).

We appreciate the cooperation and guidance you provided us in the past, and we look forward to bringing these efforts to a conclusion.

Respectfully submitted,



Don R. Sellars

Sr. Environmental Specialist

Chevron U. S. A. Inc  
 Permian Business Unit  
 Aneth Operations  
 San Juan County, Utah

Name / Operatorship Change  
 Texaco Exploration and Production Inc  
 to  
 Chevron U. S. A. Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	36	160S	070E	4301530506	ST OF UT T 36-100	3		DRL
N5700	36	160S	070E	4301530268	ST OF UT T 36-10	3	P	GW
N5700	36	160S	070E	4301530530	ST OF UT 36-139	3		DRL
N5700	36	160S	070E	4301530550	ST OF UT 36-138	3		DRL
N5700	36	170S	070E	4301530382	UTAH STATE 36-78	3	P	GW
N5700	36	170S	070E	4301530508	ST OF UT II 36-96	3		DRL
N5700	36	170S	070E	4301530509	ST OF UT II 36-95	3		DRL
N5700	02	170S	080E	4301530533	ST OF UT FO 02-186	3		DRL
N5700	02	170S	080E	4301530553	ST OF UT FO 02-188	3	P	GW
N5700	03	170S	080E	4301530499	ST OF UT GG 03-122	3		DRL
N5700	03	170S	080E	4301530500	ST OF UT HH 03-133	3	P	GW
N5700	03	170S	080E	4301530549	ST OF UT JJ 03-160	3		APD
N5700	03	170S	080E	4301530552	ST OF UT CC 03-161	3		DRL
N5700	04	170S	080E	4301530503	ST OF UT BB 04-116	3	P	GW
N5700	04	170S	080E	4301530504	ST OF UT GG 04-115	3	P	GW
N5700	04	170S	080E	4301530554	ST OF UT BB 04-158	3		APD
N5700	04	170S	080E	4301530555	ST OF UT BB 04-159	3		APD
N5700	05	170S	080E	4301530479	ST OF UT BB 05-107	3	P	GW
N5700	05	170S	080E	4301530480	ST OF UT BB 05-108	3	P	GW
N5700	05	170S	080E	4301530481	ST OF UT BB 05-109	3	P	GW
N5700	05	170S	080E	4301530482	ST OF UT BB 05-110	3	P	GW
N5700	07	170S	080E	4301530396	ST OF UT AA 07-106	3	P	GW

N5700	07	170S	080E	4301530497	ST OF UT AA 07-105	3	P	GW
N5700	08	170S	080E	4301530496	ST OF UT BB 08-113	3		DRL
N5700	09	170S	080E	4301530437	ST OF UT BB 09-119	3		DRL
N5700	09	170S	080E	4301530444	ST OF UT BB 09-120	3	P	GW
N5700	10	170S	080E	4301530438	ST OF UT CC 10-124	3	P	GW
N5700	10	170S	080E	4301530454	ST OF UT CC 10-123	3	P	GW
N5700	10	170S	080E	4301530458	ST OF UT FF 10-125	3	P	GW
N5700	11	170S	080E	4301530459	ST OF UT FF 11-129	3	P	GW
N5700	11	170S	080E	4301530462	ST OF UT FF 11-130	3	P	GW
N5700	14	170S	080E	4301530528	ST OF UT 14-170	3		APD
N5700	15	170S	080E	4301530502	ST OF UT GG 15-128	3		APD
N5700	31	170S	080E	4301530439	ST OF UT DD 31-98	3	S	GW
N5700	06	170S	090E	4301530393	ST OF UT EE 06-138	3		APD
N5700	01	180S	070E	4301530381	UTAH STATE 1-76	3	P	GW
N5700	01	180S	070E	4301530498	ST OF UT 01-97	3		DRL
N5700	02	180S	070E	4301530270	ST OF UT U 2-11	3	P	GW
N5700	02	180S	070E	4301530306	ST OF UT U 2-48	3	P	GW
N5700	02	180S	070E	4301530308	ST OF UT U 2-50	3	P	GW
N5700	02	180S	070E	4301530309	ST OF UT U 2-49	3	P	GW
N5700	16	180S	070E	4301530311	ST OF UT X 16-66	3	P	GW
N5700	16	180S	070E	4301530312	ST OF UT X 16-65	3	P	GW

5. LEASE DESIGNATION AND SERIAL NUMBER:  
See Attached List of Wells

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
BLM & State of Utah

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

7. UNIT or CA AGREEMENT NAME:  
Orangeville & Huntington

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER Operator Name Change

8. WELL NAME and NUMBER:  
See Attached List of Wells

2. NAME OF OPERATOR:  
Chevron U.S.A. Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
P.O. Box 36366 CITY Houston STATE TX ZIP 77236

PHONE NUMBER:  
(281) 561-3443

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: See Attached List of Wells

COUNTY: Emery

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 checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Operator Name Change (Merger)</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.

Effective May 1, 2002, Chevron U.S.A. Inc. is the new operator of the attached list of subject wells and leases that were previously operated by Texaco Exploration and Production Inc. The subject wells are located North of Orangeville and North of Huntington, Emery County, Utah. These Wells will be protected by the following surety bonds:

STATE OF UTAH Bond #: 103521627-0016 in the amount of \$80,000. (This bond will replace United Pacific Insurance Company bond number U89-75-80-0059. We respectfully request this bond be released and returned.)

BLM Nationwide Bond#: U89-75-81-0034 in the amount of \$300,000.

Key Contacts:

Ron Wirth - Operations Supervisor - 435 748-5395 x1  
Texaco Exploration & Production Inc.

  
J. S. Purdy, Attorney-In-Fact

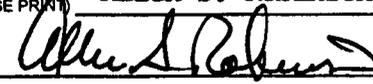
**RECEIVED**

MAY 06 2002

DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) Allen S. Robinson

TITLE Attorney-In-Fact

SIGNATURE 

DATE April 30, 2002

(This space for State use only)

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW <input checked="" type="checkbox"/>
3. FILE

022

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change

X Merger

The operator of the well(s) listed below has changed, effective: <b>05-01-2002</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
TEXACO EXPLORATION & PRODUCTION INC	CHEVRON USA INC
Address: 3300 NORTH BUTLER, STE 100	Address: P O BOX 36366
FARMINGTON, NM 87401	HOUSTON, TX 79702
Phone: 1-(505)-325-4397	Phone: 1-(915)-687-2000
Account No. N5700	Account No. N0210

CA No. Unit:

WELL(S) NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ST OF UTAH T 36-10	36-16S-07E	43-015-30268	11866	STATE	GW	P
ST OF UTAH 36-78	36-17S-07E	43-015-30382	13211	STATE	GW	P
<del>ST OF UTAH II 36-95</del>	36-17S-07E	43-015-30509	13573	STATE	GW	DRL
ST OF UTAH II 36-96	36-17S-07E	43-015-30508	13591	STATE	GW	DRL
UTAH STATE 1-76	01-18S-07E	43-015-30381	12820	STATE	GW	P
ST OF UT 01-97	01-18S-07E	43-015-30498	13578	STATE	GW	DRL
ST OF UT U 2-11	02-18S-07E	43-015-30270	11865	STATE	GW	P
ST OF UT U 2-48	02-18S-07E	43-015-30306	12145	STATE	GW	P
ST OF UT U 2-49	02-18S-07E	43-015-30309	12146	STATE	GW	P
ST OF UT U 2-50	02-18S-07E	43-015-30308	12147	STATE	GW	P
ST OF UT X 16-65	16-18S-07E	43-015-30312	12203	STATE	GW	P
ST OF UT X 16-66	16-18S-07E	43-015-30311	12204	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-2-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/06/2002
- (R649-2-10) Sundry or legal documentation was received from the **NEW** operator on: 04/12/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/16/2002
- Is the new operator registered in the State of Utah: YES Business Number: 564408-0143
- If **NO**, the operator was contacted on: N/A

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the Oil and Gas Database on: 10/16/2002
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2002
- Bond information entered in RBDMS on: N/A
- Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 6049663

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

**FEE WELL(S) BOND VERIFICATION:**

- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS: Chevron USA Inc merged with Texaco Exploration & Production Inc to form ChevronTexaco Inc although all the Utah operations will be operated by Chevron USA Inc.**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. Lease Designation and Serial Number: <b>ML-45567</b>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name: <b>N/A</b>
		7. Unit Agreement Name: <b>N/A</b>
1. Type of Well: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> <input checked="" type="checkbox"/>	8. Well Name and Number: <b>State of Utah "II" 36-95</b>	
2. Name of Operator: <b>Texaco Exploration and Production, Inc.</b>	9. API Well Number: <b>43-015-30509</b>	
3. Address and Telephone Number: <b>P.O. Box 618, Orangeville, Utah 84537; 435-748-5395</b>	10. Field or Pool, or Wildcat: <b>Undesignated</b>	
4. Location of Well Footages: <b>2022' FNL, 2130' FEL</b>	Country: <b>Emery</b>	State: <b>Utah</b>
QQ, Sec., T., R., M.: <b>SW/4 NE/4, Section 36, T17S, R7E, SLB&amp;M</b>		

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 _____ Approximate date work will start _____	<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>Relocation of Well site</u> 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.)

**The State of Utah "II" 36-95 well site has been relocated 1762.8' following the onsite on 12/3/01 and remains on State of Utah surface and mineral.**

**The revised location for the State of Utah "II" 36-95 is 271' FNL, 1926' FEL, NW/4 NE/4, Section 36, T17S, R7E, SLB&M.**

*4350627 Y 39.36688  
492793X -111.08359*

**A request for exception to spacing (245-1) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary.**

**Texaco Exploration and Production, Inc. is the only owner and operator within 460' of the proposed well**

**AMENDED**

13.

Name & Signature: Don Hamilton *Don Hamilton* Title: Agent for ChevronTexaco Date: 6/26/02

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JUL 01 2002

**ORIGINAL**

DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

005

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL  DEEPEN   
B. Type of Well: OIL  GAS  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator: Texaco Exploration and Production, Inc.

3. Address and Telephone Number: P.O. Box 618, Orangeville, Utah 84537 435-748-5395

4. Location of Well (Footages)  
At Surface: 271' FNL, 1926' FEL 43506274 39.30688  
At Proposed Producing Zone: 492793K -11.09359

5. Lease Designation and Serial Number: ML-45567

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

7. Unit Agreement Name: N/A

8. Farm or Lease Name: State of Utah "II"

9. Well Number: 36-95

10. Field or Pool, or Wildcat: Undesignated

11. Qtr/Qtr, Section, Township, Range, Meridian: NW/4 NE/4, Section 36, T17S, R7E, SLB&M

14. Distance in miles and direction from nearest town or post office: 5.7 miles northwest of Orangeville, Utah

12. County: Emery 13. State: Utah

15. Distance to nearest property or lease line (feet): 271'

16. Number of acres in lease: 640

17. Number of acres assigned to this well: 160 acres

18. Distance to nearest well, drilling, completed, or applied for, or 2150'

19. Proposed Depth: 4070'

20. Rotary or cable tools: Rotary

21. Elevations (show whether DF, RT, GR, etc.): 7066' GR

22. Approximate date work will start: July 2002

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55 ST&C	24	300'	230 sacks Class G cement + 2% CaCl <sub>2</sub> + 0.25 pps cellophane
7-7/8"	5-1/2" N-80 LT&C	17	4070'	135 sacks 10:1 RFC Class G cement + 0.25 pps cellophane

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

Surface Owner: State of Utah

Landowner Representative: SITLA; 675 East 500 South, SLC, Utah 84102-2818; 801-538-5100

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 06-25-02  
By: [Signature]

AMENDED

24. Name & Signature: Don Hamilton Title: Agent for ChevronTexaco Date: 6/26/02

(This space for state use only)  
API Number Assigned: 43-015-30509

RECEIVED  
JUL 01 2002  
DIVISION OF  
OIL, GAS AND MINING

ORIGINAL  
CONFIDENTIAL

# Range 7 East

N88°43'49"W - 2580.65'

(S89°59'W - 2637.36')

S89°31'13"W - 2645.80'

(S89°32'W - 2646.60')

Township 17 South

N00°27'59"E - 2589.03'

(N00°08'E - 2642.64')

N00°13'14"W - 2621.74'

(N00°14'W - 2623.5')

N00°00'55"E - 2623.01'

(N00°03'E - 2623.96')

N00°01'15"E - 2626.47'

271.1'

1926.1'

WELL #36-95  
ELEVATION 7065.7'

UTM  
N - 4350627  
E - 492801

36

240.41'

C.C.

(S89°55'E - 5281.32')

S89°55'07"E - 5279.56'

468.71'

C.C.

NE SECTION 1  
T18S, R7E, S.L.B.&M.  
Elev. 6761'

## Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

## NOTE:

UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°18'25"  
111°02'55"

ORIGINAL

## Location:

The well location was determined using a Trimble 4700 GPS survey grade unit.

## Basis of Bearing:

The Basis of Bearing is GPS Measured.

## GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

## Basis of Elevation:

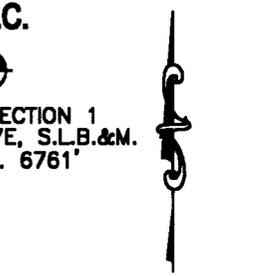
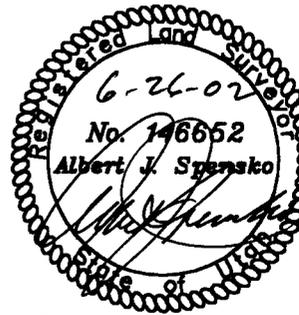
Basis of Elevation of 6761' being at the Northeast Section corner of Section 1, Township 18 South, Range 7 East, Salt Lake Base & Meridian, as shown on the Red Point Quadrangle 7.5 Minute Series Map.

## Description of Location:

Proposed Drill Hole located in the NW 1/4, NE 1/4 of Section 36; being 271.1' South and 1926.1' West from the Northeast Corner of Section 36, T17S., R7E., Salt Lake Base and Meridian.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



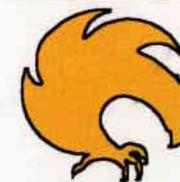
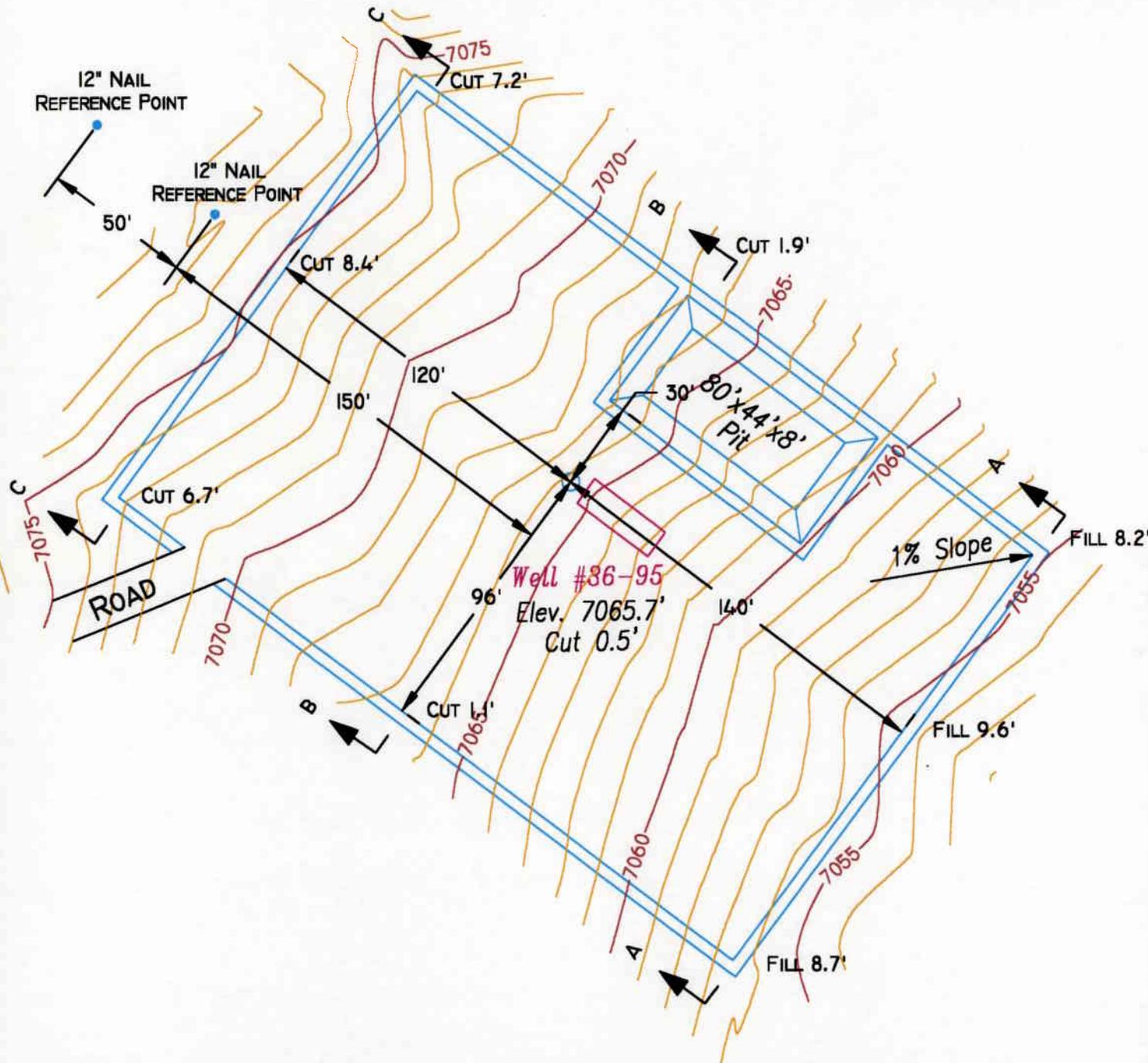
**TALON RESOURCES, INC.**  
375 S. Ave, Ste. 101, (A-10)  
Price, Utah 84501  
Phone (435)637-8781 Fax (435)636-8603  
E-Mail talon@castlenet.com

**ChevronTexaco**

WELL # 36-95  
Section 36, T17S., R7E., S.L.B.&M.  
Emery County, Utah

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-1	Date: 06/24/02
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 267

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7065.7'  
 ELAVATION OF GRADED GROUND AT LOCATION STAKE = 7065.2'



**TALON RESOURCES, INC.**

375 S. Carbon Ave., Ste 101, (A-10)

Price, Utah 84501

Phone (435)637-8781 Fax (435)636-8603

E-Mail talon@castenet.com

**ChevronTexaco**

LOCATION LAYOUT

Section 36, T17S, R7E, S.L.B.&M.

WELL #36-95

Drawn By:  
J. STANSFIELD

Drawing No.

A-2

Sheet 2 of 4

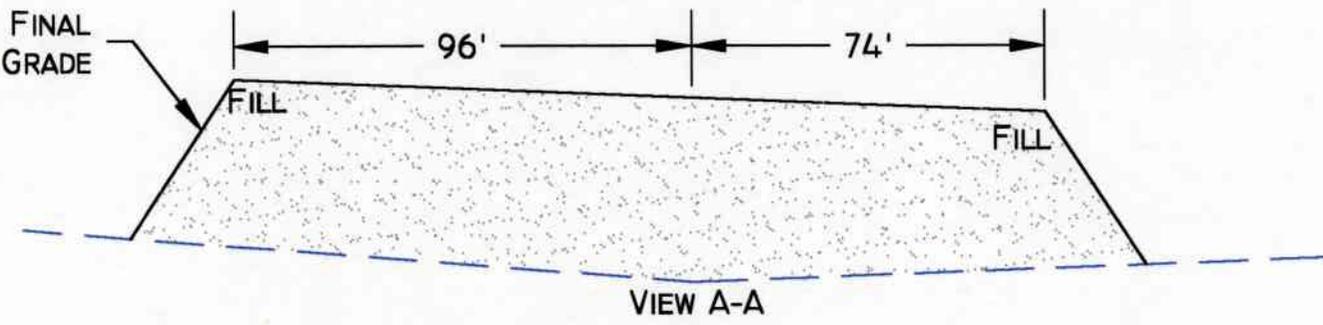
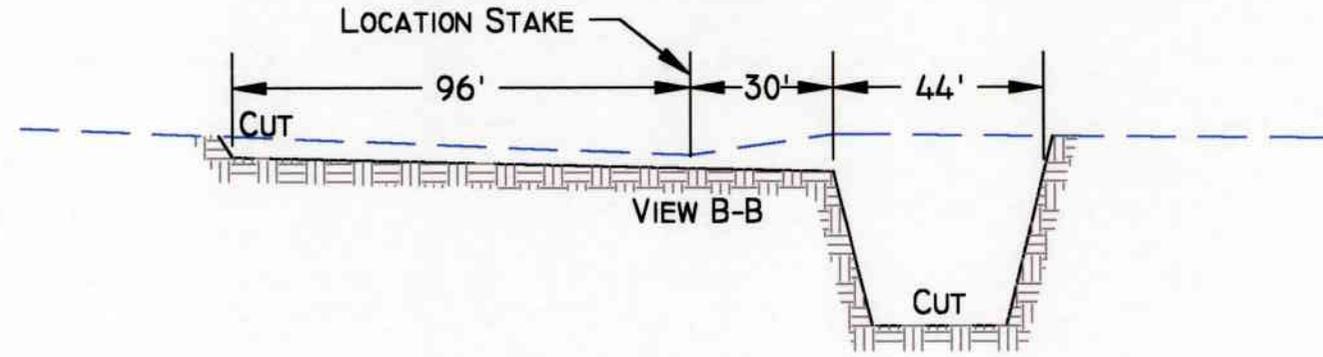
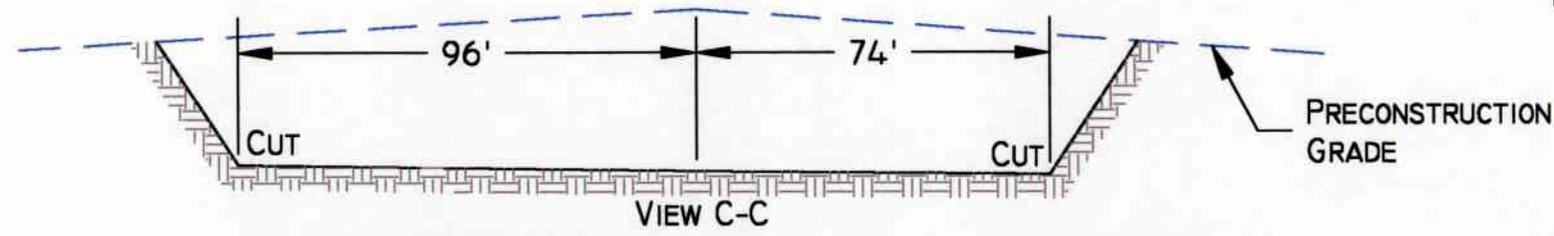
Checked By:  
L.W.J.

Date:  
06/21/02

Scale:  
1" = 50'

Job No.  
267

1" = 10'  
 X-Section Scale  
 1" = 40'



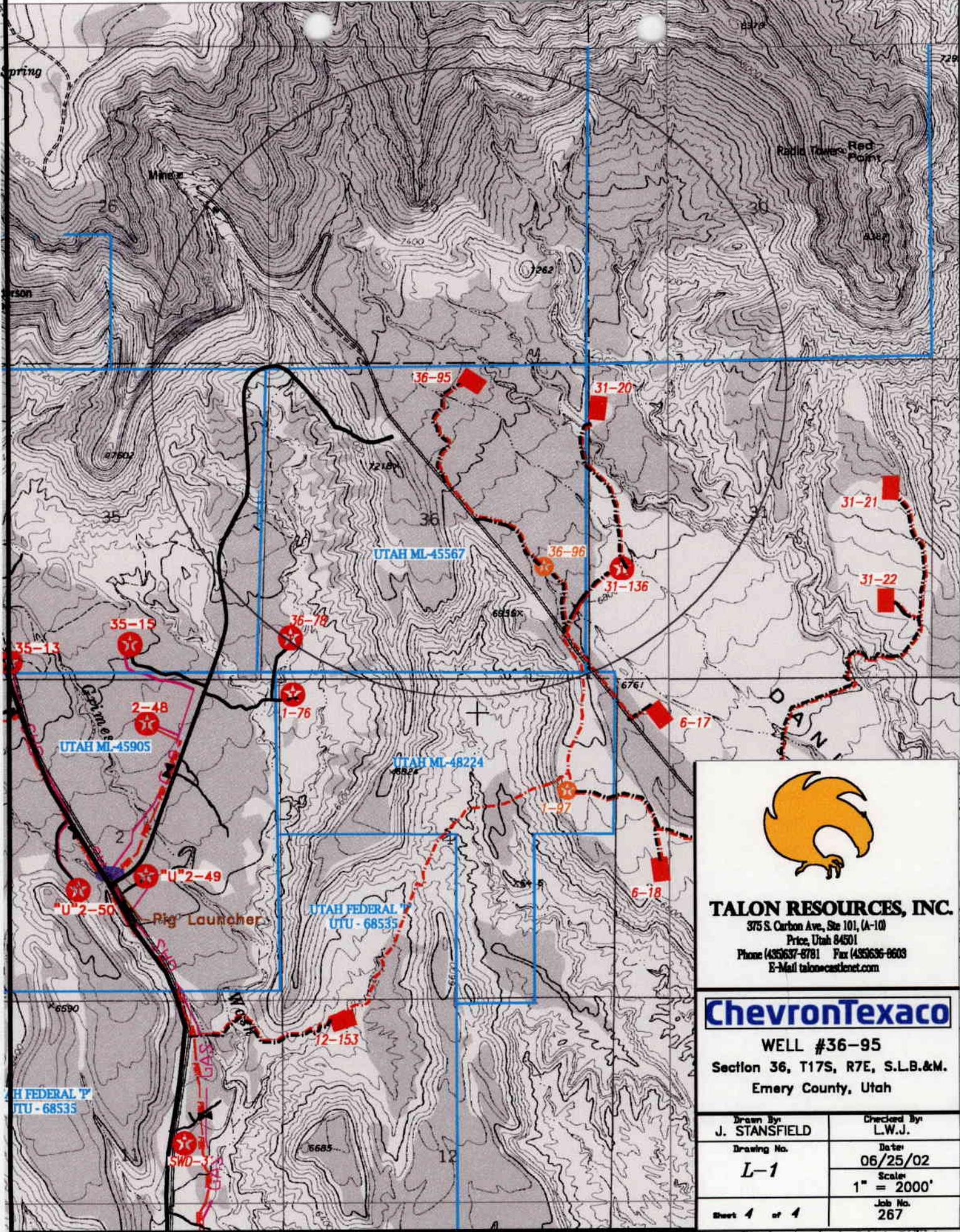
SLOPE = 1 1/2 : 1  
 (EXCEPT PIT)  
 PIT SLOPE = 1 ; 1

**TALON RESOURCES, INC.**  
 375 S. Carbon Ave., Ste 101, (A-10)  
 Price, Utah 84501  
 Phone (435)637-8781 Fax (435)636-8603  
 E-Mail talonrcastlenet.com

**ChevronTexaco**  
 TYPICAL CROSS SECTION  
 Section 36, T17S, R7E, S.L.B.&M.  
 WELL #36-95

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. C-1	Date: 06/21/02
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 267

APPROXIMATE YARDAGES  
 CUT  
 (6") TOPSOIL STRIPPING = 750 CU. YDS.  
 REMAINING LOCATION = 3,895 CU, YDS.  
 TOTAL CUT = 4,645 CU. YDS.  
 TOTAL FILL = 3,975 CU. YDS.



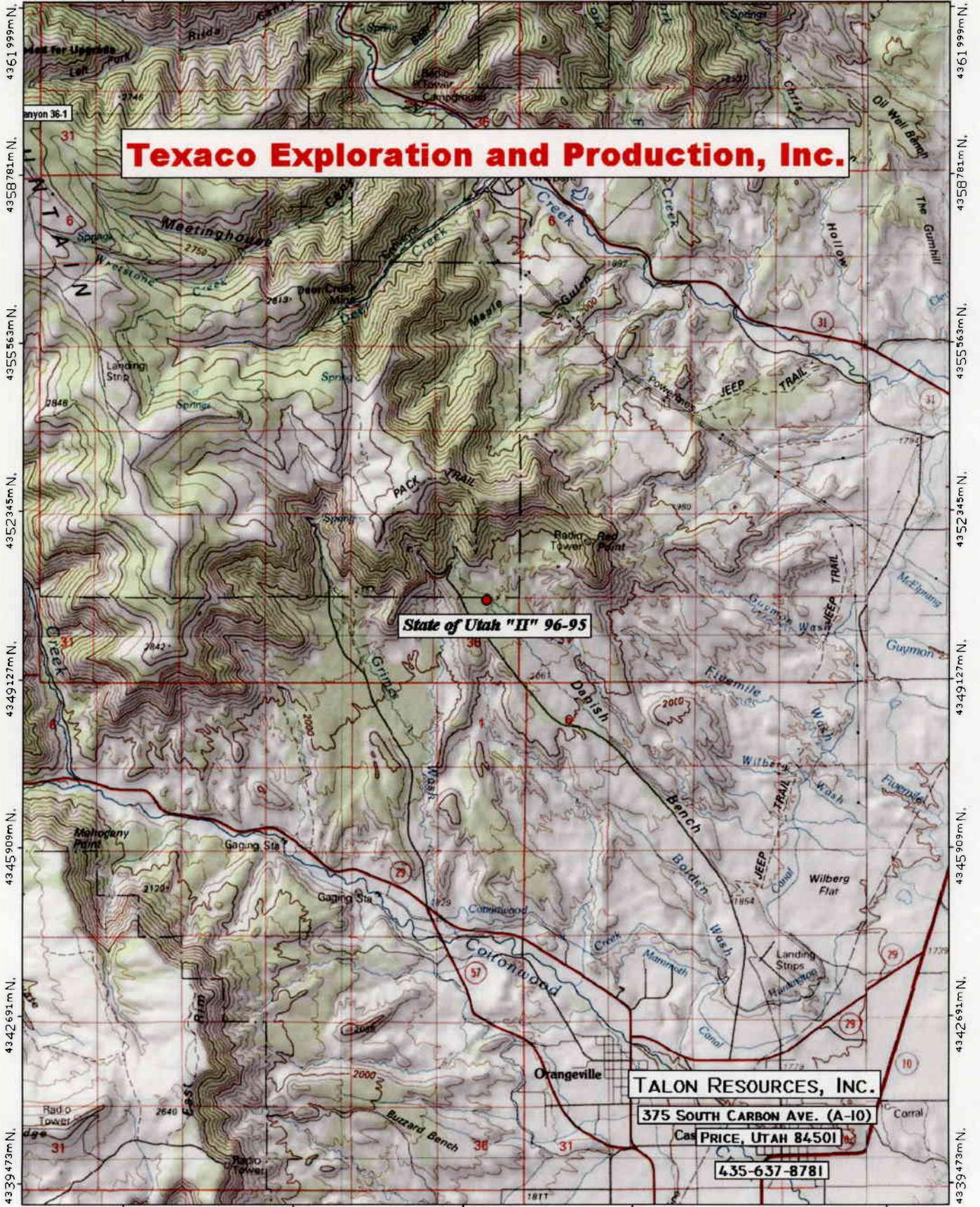
**TALON RESOURCES, INC.**  
 375 S. Carbon Ave., Ste 101, (A-10)  
 Price, Utah 84501  
 Phone (435)637-8781 Fax (435)636-8603  
 E-Mail taloncastnet.com

**ChevronTexaco**

**WELL #36-95**  
 Section 36, T17S, R7E, S.L.B.&M.  
 Emery County, Utah

Drawn By: <b>J. STANSFIELD</b>	Checked By: <b>L.W.J.</b>
Drawing No. <b>L-1</b>	Date: <b>06/25/02</b>
	Scale: <b>1" = 2000'</b>
Sheet <b>4</b> of <b>4</b>	Job No. <b>267</b>

485918m E, 489136m E, 492354m E, 495572m E, NAD27 Zone 12S 500399m E



**Texaco Exploration and Production, Inc.**

**State of Utah "II" 96-95**

**TALON RESOURCES, INC.**

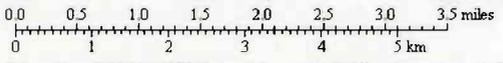
**375 SOUTH CARBON AVE. (A-10)**

**Cas PRICE, UTAH 84501**

**435-637-8781**

485918m E, 489136m E, 492354m E, 495572m E, NAD27 Zone 12S 500399m E

TN  $\uparrow$  MN  
13°



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**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Texaco  
**WELL NAME & NUMBER:** State of Utah "II" 36-95  
**API NUMBER:** 43-015-30509  
**LEASE:** State **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4, 1/4 SWNE Sec: 36 TWP: 17S RNG: 7E 271' FNL 1926' FEL  
**LEGAL WELL SITING:** 460 F unit boundary and 920' from another well.  
**GPS COORD (UTM):** X =492793 E; Y = 4350627 N SURFACE OWNER: SITLA

**PARTICIPANTS**

M. Jones (DOGM), Alan Childs (Talon), R. Wirth (Texaco), C. Colt (DWR), V. Payne (Emery County). SITLA was invited but did not attend.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Location was moved after previous on-site and after a permit was issued for this well name with API 43-015-30509. Sundry for the change was submitted to DOGM by Talon Resources in behalf of ChevronTexaco. A second on-site was done for the new proposed location, the information contained here is for the new location. Proposed location is located ~6.55 miles SW of Huntington, Utah and ~6.8 miles NW of Castle Dale Utah. The terrain slopes to the Southeast and eventually into The San Rafael River. Topography of the well-site is moderately sloped to the SE with the soil type ranging from rocky to gravelly clay. Vegetation consists of dense PJ with some sagebrush and various native and introduced grasses. An old two-track road runs directly through the proposed location and would make a better access road however it travels across federal land and the utilities and gathering lines would need to be cut to the Southwest anyway. Thus, utilizing the utility corridor would be a better option for the operator.

**SURFACE USE PLAN**

**CURRENT SURFACE USE:** Grazing and wildlife habitat.

**PROPOSED SURFACE DISTURBANCE:** 170 x 260 pad w/ 80 x 44 x 8 pit included. ~4900' of new access will be needed for this location.

**LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:** 2 Proposed wells, 1 Pa well, and 2 existing wells within a 1 mile radius.

**LOCATION OF PRODUCTION FACILITIES AND PIPELINES:** Along the roadway.

**SOURCE OF CONSTRUCTION MATERIAL:** Obtained Locally and transported in.

**ANCILLARY FACILITIES:** N/A

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a

salt-water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes cut throughout the area near the pad and its proposed access. The location of the pad looks as though some runoff plains across the area. Provisions should be made to ensure that the location is protected from this runoff through the use of diversion ditches and culverts as necessary. A small amount of cut and fill will be needed for this location. Access into the location will be from the west from the county maintained road to DesBee Dove Mine site.

FLORA/FAUNA: PJ, Sagebrush, grasses, deer, elk, coyote, small game.

SOIL TYPE AND CHARACTERISTICS: Gravely clay.

EROSION/SEDIMENTATION/STABILITY: Erosive when disturbed.

PALEONTOLOGICAL POTENTIAL: N/A

**RESERVE PIT**

CHARACTERISTICS: Dugout earthen pit.

LINER REQUIREMENTS (Site Ranking Form attached): Liner Required.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement.

SURFACE AGREEMENT: None required with SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: On file with State.

**OTHER OBSERVATIONS/COMMENTS**

Location was moved after previous on-site and after a permit was issued for this well name with API 43-015-30509. Sundry for the change was submitted to DOGM by Talon Resources in behalf of ChevronTexaco. A second on-site was done for the new proposed location, the information contained here is for the new location.

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

July 15, 2002 / 1:30 pm  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      20      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Texaco  
**WELL NAME & NUMBER:** State of Utah "II" 36-95  
**API NUMBER:** 43-015-30509  
**LEASE:** State **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4, 1/4 SWNE **Sec:** 36 **TWP:** 17S **RNG:** 7E 271' **FNL** 1926' **FEL**

**Geology/Ground Water:**

There are no aquifers with high quality ground water expected to be encountered and there are no known culinary water wells in this part of Emery County. A search of the Division of Water Rights records revealed that there is 1 point of diversion or water supply nearby. A moderately permeable soil is developed on Quaternary alluvium Pediment Mantle, which covers the Upper Portion of the Blue Gate Shale Member of the Mancos Shale. The proposed surface casing and cementing program should be sufficient to ensure the protection of any unknown ground water resources and 300' of surface casing and cement will protect the water table in Grimes Wash. This creek is a mile to the south and is active all year long.

**Reviewer:** K. Michael Hebertson **Date:** 31 July 2002

**Surface:**

The closest live water source is Huntington Creek, which lies South of the proposed location ~2.0 miles. The terrain is rocky and slopes toward the Southeast with some dry washes varying in size in the surrounding area and throughout the proposed access route. Provisions were made for site structural integrity, rehabilitation, and waste disposal. Location was moved after previous on-site and after a permit was issued for this well name with API 43-015-30509. Sundry for the change was submitted to DOGM by Talon Resources in behalf of ChevronTexaco. A second on-site was done for the new proposed location, the information contained here is for the new location. Proposed location is located ~6.55 miles SW of Huntington, Utah and ~6.8 miles NW of Castle Dale Utah. The terrain slopes to the Southeast and eventually into The San Rafael River. Access will come from the West from a county maintained road and will consist of ~2500' of new access roadway. Topography of the well-site is moderately sloped to the SE with the soil type ranging from rocky to gravelly clay. Vegetation consists of dense PJ with some sagebrush and various native and introduced grasses. An old two-track road runs directly through the proposed location and would make a better access road however it travels across federal land and the utilities and gathering lines would need to be cut to the Southwest anyway. Thus, utilizing the utility corridor would be a better option for the operator. SITLA was invited but did not attend. Emery County was in attendance during the on-site as well as DWR.

**Reviewer:** Mark L. Jones **Date:** July 25, 2002

**Conditions of Approval/Application for Permit to Drill:**

- 1. Berm location and reserve pit.**
- 2. Divert drainages around the location with diversion ditches, turnouts, and culverts where appropriate.**
- 3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.**
- 4. Construct, drill, and maintain the well-site with the local social event, also held in the area of this well location and its access road, in mind. Minimize disturbance to the surrounding area as well as visual appearance of the well and activities associated with the well.**

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, JUL 31, 2002, 8:26 AM  
PLOT SHOWS LOCATION OF 1 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
S 271 FEET, W 1926 FEET OF THE NE CORNER,  
SECTION 36 TOWNSHIP 17S RANGE 7E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET

N O R T H

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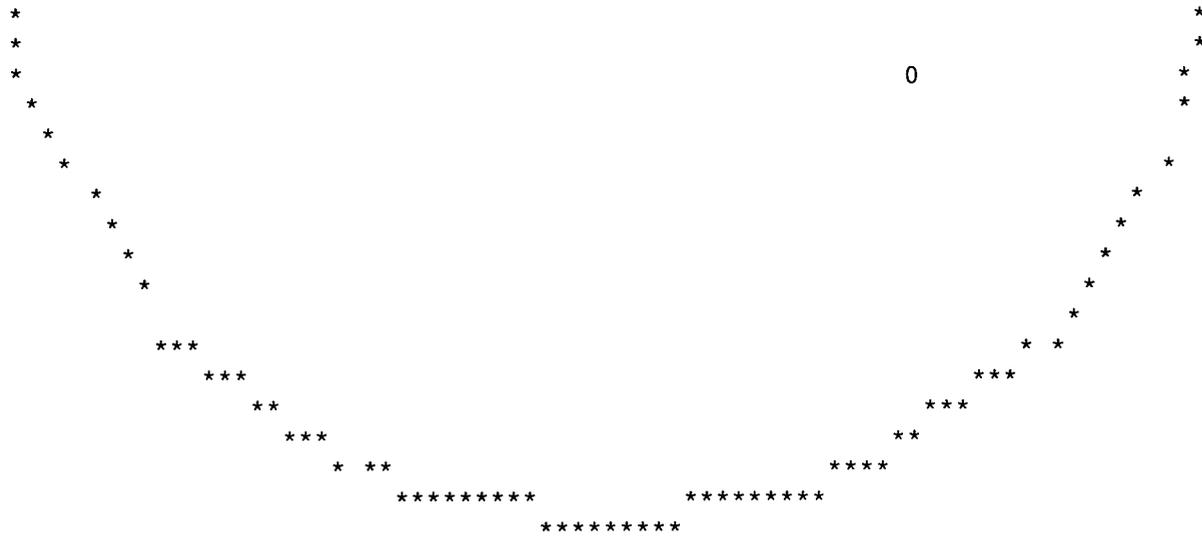
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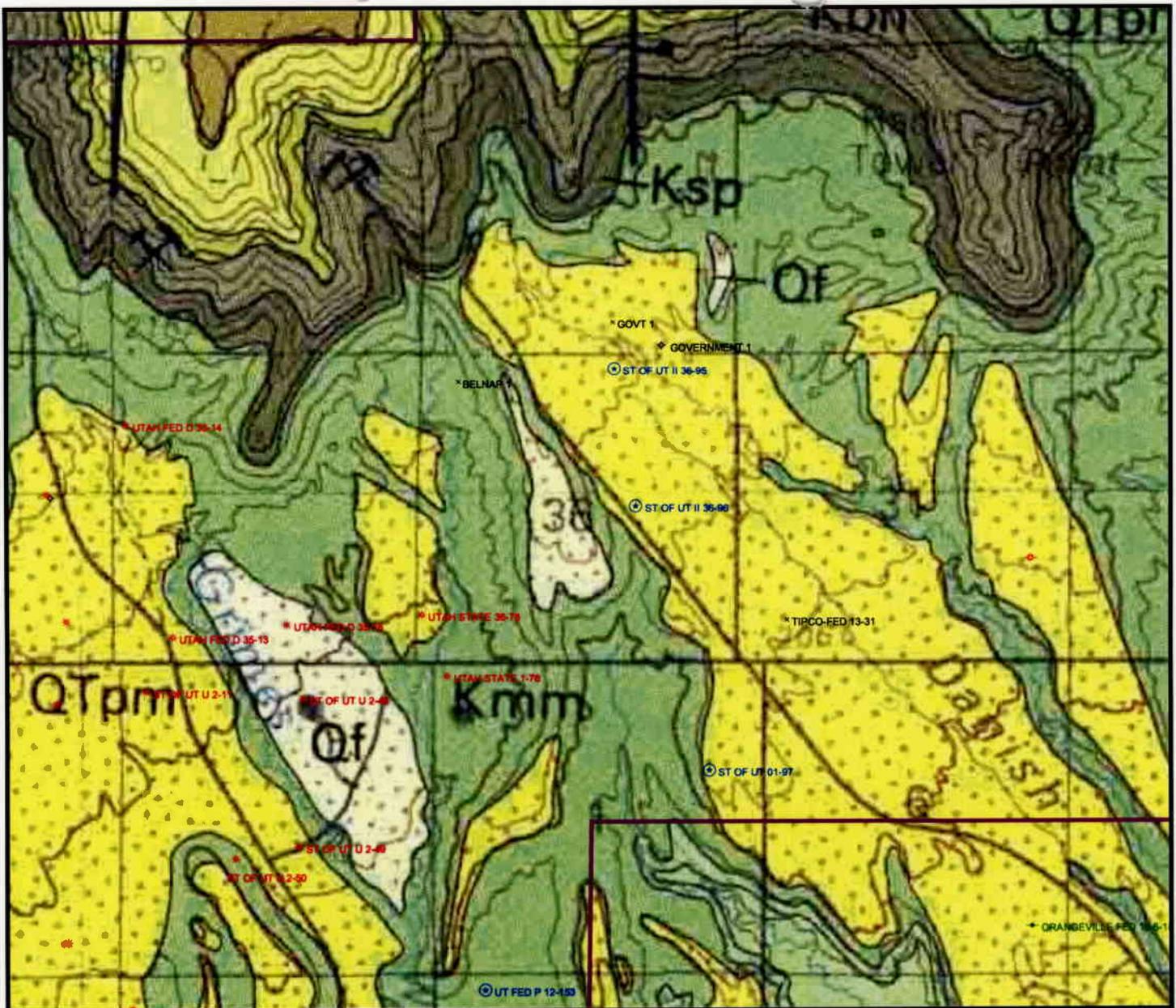

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UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

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MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG B&
0	93 3426	.0000	.00	Tributary to Wilberg Wash								
WATER USE(S): STOCKWATERING										PRIORITY DATE: 00/00/1		
State of Utah School & Institutional Tru 675 East 500 South, Suite 500										Salt Lake City		

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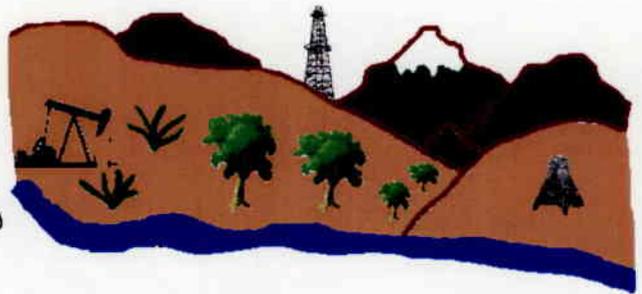


## LEGEND

### Well Status

- GAS INJECTION
- GAS STORAGE WELL
- LOCATION ABANDONED
- ⊙ NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- WATER DISPOSAL

- County Boundary
- Sections
- Township
- Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



## Utah Oil Gas and Mining



Prepared By: K. Michael Hebertson



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 5, 2002

Amended from December 11, 2001

Texaco Exploration & Production Inc  
PO Box 618  
Orangeville UT 84537

Re: State of Utah II 36-95 Well, 271' FNL, 1926' FEL, NW NE, Sec. 36, T. 17 South,  
R. 7 East, Emery County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30509.

Sincerely,

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

*for* John R. Baza  
Associate Director

pb

Enclosures

cc: Emery County Assessor  
SITLA

**Operator:** Texaco Exploration & Production Inc  
**Well Name & Number** State of Utah II 36-95  
**API Number:** 43-015-30509  
**Lease:** ML 45567

**Location:** NW NE      **Sec.** 36      **T.** 17 South      **R.** 7 East

### Conditions of Approval

1. **General**

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

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)





**Chevron**      Danish Bench      State of Utah II      36-95      **Daily Mud Report**      Version 4.1

Spud Date:		MD (ft):		TVD:		Present Activity:						
Contractor:			Rig: <b>Bill Jr</b>			Report Number :						
Drilling Mud Supplier				Report For Contract Supervisor:								
MUD VOLUME (BBL)												
Hole: w/ DP		Hole: w/o DP		Pits:		Total Circ. Vol.:		Storage:		Type:		
CIRCULATING DATA												
Bbl/Min:		Gal/Min:		Annual Vel. (Ft./Min)			DP:		DC:			
Circulation Pressure (PSI):			Bottoms Up Time (Min):			Total Circ. Time (Min.):						
Current Mud Properties				Data in Column on Right is From Orig Activity Report			Mud Property Specifications					
Sample From							Wt:		Viscosity:		Filtrate:	
Time Sample Taken							Mud Contains		Recommended Treatment			
Flowline Temperature (Deg. F)												
Depth (ft)												
Weight (ppg)												
Funnel Vis. (sec./qt.) API		Deg. F										
Plastic Viscosity cp @		Deg. F										
Yield Point (lb/100 sq. ft.)												
Gel Strength (lb/100 sq. ft.) 10 sec/10 min.												
Filtrate API (cc/30 min.)												
HTHP @		Deg. F		PSI								
Cake Thickness (32nd in API/HTHP)												
Solids Content (% by vol.) Retort												
Oil Content (% by vol.) Retort												
Water Content (% by vol.) Retort												
Sand Content (% by vol.)												
Methylene Blue Capacity (lb/bbl. equiv.)												
PH Meter @		Deg. F					EQUIPMENT				Cost Data	
Alkalinity Mud (Pm)							Size		Hrs/Tour			
Alkalinity Filtrate (pf/Mf)							Centrifuge				Daily Cost:  \$0	
Carbonate Determination (mg/1000 cc)							Degasser					
Chloride (mg/1000 cc)							Desander					
Calcium (mg/1000 cc) /Mag (mg/1000 cc)							Desilter					
Bentonite (lb/bbl.)							Shaker				Cumulative:  \$0	
Solids % High Gravity / % Low Gravity							Other					
Solids % Drill Solids / % Bentonite							Other					
Corrected Solids/Corrected Saltwater							Other					
Other							Other					
Remarks:												
Drilling Fluids Rep.:						Home Address:				Phone:		
Mud or Consulting Co.:						Warehouse Location:				Phone:		
Mud Chemical Inventory												
Units												
Cost/Unit												
Description												
Starting Inventory												
Received												
Used Last 24 Hours												
Closing Inventory												
Time Distribution:		Drilling:		Trip:		CCM:		Other:				
Circulating Information:		n: #VALUE!		K: #####		Type of Flow:		ECD:				
Profit Center: MCBU				WBS: UWDCB D2031 DRL				Drilling Rep: F.R. Hurt				
Field: Danish Bench				Lease: State of Utah II				Well No.: 36-95		Date: 8-9-2012		

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T195 R07E & 336  
43-015-30509

CONFIDENTIAL

**ChevronTexaco** Danish Bench State of Utah II 36-95 **Drilling Activity Report** Version 5

Measured Depth: 93'		TVD:		PBTD:		Proposed MD: 3,970'		Proposed TVD: 3,970'				
DOL: 1		DFS:		Spud Date:		Daily Footage: 93'		Daily Rot Hrs:		Total Rot Hrs: 0.0		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		
Last Casing Size:		Set At:		TVD		Shoe Test:		Leakoff? Y		N <input type="checkbox"/>		
Cum Rot Hrs on Casing: 0.0		Cum Rot Hrs on Casing Since Last Caliper: 0.0		Whipstock Set @:		KOP:						
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD		
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		
Pm:		Pi/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		
Engr Service		Materials added last 24 hrs:										
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets		TFA	MD In	MD Out	TVD Out	
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	
Total Length of BHA:		BHA Description:										
		DC Size:		DP Size:		Hours On Jars: 0.0		Hrs Since Last Inspection: 0.0				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
Hrs. (From -To) Operations Covering 24 Hours Ending at Midnight												
8/10/02 Drill 26" hole to 93'. Got out of Sand and Boulders and into Shale. Pick up 93' of 14" Conductor pipe, cut circ holes in bottom of bottom joint. Weld pipe together and fill holes used to pick up pipe. Set pipe on bottom. Wait on Cement equip. Could not get a ready mix truck to come to location until Monday morning. Rig up Cement pumping Equip. Pump 20 bbls Gel Spacer, 60 bbls freshwater, Pump 90.3 bbls 430 sacks Premium Type V Cement, W/2% Calcium Chloride, & 1/4#/sk Flocele. Cement 15.6PPG, Yield 1.18, 5.2 gal/sk water. Pump 13.5 bbls displacement. Shut well in leave Bucket rig kelly stacked out on conductor holding pipe straight. Rig down cement equip.												
AM: Drill rathole & mousehole, Blade location level. Move Sauer 30 to location.												
24 hr Summary:												
Operations @ 0500 Hrs:												
TIF, Pumping cement												
Incident Hours:		Safety Migs: 2		Safety Hrs, Rig: 36		Safety Hrs, Others: 90		Accidents: -				
Incident Hours (Cumulative): -		Safety Migs (Cumulative): 3		Safety Hrs, Rig (Cumulative): 91		Safety Hrs, Others (Cumulative): 90		Accidents (Cumulative): -				
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$11,591		WBS Element No. (Drig)		UWDCB D2031 DRL				
Cum Mud Cost:		Cum Tangible Cost:		Cum Drilling Cost: \$23,182		WBS Element No. (Comp)						
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$23,182		Total Appr:		\$ 207,500				
Daily Water Cost:		Cum. Water Cost: \$0		Fuel:		Bulk Wt:		ChevronTexaco 0		API Number:		
Profit Center: MCBU		Rig: Bill Jr		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt						
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 10-Aug-02						

**Daily Cost Estimate**

Version 5

**Chevron**

			<b>CAPITAL</b>			<b>EXPENSE</b>		
			WBS#: UWDCB D2031 DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Sauers (Standby)	7,700	7,700	15,400		0	0
74400002	Rig - Footage / Turnkey			0	0		0	0
71290100	Fuel - Diesel / Motor Fuels			0	0		0	0
71290300	Utilities - Other (potable water)			0	0		0	0
74400003	Rig Up / Rig Down			0	0		0	0
	<b>Rig Costs Total</b>			<b>7,700</b>	<b>15,400</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits	FR Hurt	850	850	1,700		0	0
70000100	Contract Labor (Roustabouts)			0	0		0	0
70000300	Contract Labor (Consultants)	Calloway	300	300	300		0	0
	<b>Supervision Total</b>			<b>1,150</b>	<b>2,300</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids		0	0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper) Trailer		125	200	200		0	0
		Forklift	75					
74500100	Contract Equip. & Serv. (w/ Op	Weatherford "Air" Standby	1,885	1,885	1,885		0	0
					0			
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>2,085</b>	<b>4,170</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud			0	0		0	0
	<b>Formation Evaluation Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing			0	0		0	0
71900100	Well Equipment / Materials			0	0		0	0
71900110	Wellhead				0			
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing			0	0		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		656	656	1,312		0	0
	<b>Total Field Estimate (Daily)</b>				<b>11,591</b>		<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>					<b>23,182</b>		<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>	<b>\$\$\$</b>	<b>Days</b>	
Days on Location:	1	<b>Original Appropriations</b>		207,500				
		<b>Total Appropriated</b>						
Rig:	Bill Jr		Prepared By:		F.R. Hurt			
Field:	Danish Bench	Lease:	State of Utah II	Well No.:	36-95	Date THRU:	08/10/2002	

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43-015-30509

CONFIDENTIAL

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**ChevronTexaco** Danish Bench State of Utah II 36-95 **Drilling Activity Report** Version 5

Measured Depth: 93'		TVD: 93'		PBDT:		Proposed MD: 3,970'		Proposed TVD: 3,970'					
DOL: 2		DFS:		Spud Date:		Daily Footage: 0'		Daily Rot Hrs: Total Rot Hrs: 0.0					
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt. Last BOP Test: ECD					
Last Casing Size: 14"		Set At: 93'		TVD 93'		Shoe Test:		Leakoff? Y N <input type="checkbox"/>					
Cum Rot Hrs on Casing: 0.0		Cum Rot Hrs on Casing Since Last Caliper: 0.0		Whipstock Set @:		KOP:							
Liner Size: 0.0		Set At: TVD		Liner Top At: MD		TVD							
Mud Co:		Type:		Sample From:		Wt:		FV: PV: YP: Gel:					
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil: % Water: % Sand: MBT: pH:					
Pm:		Pf/Mf:		Carb:		Cl:		Ca/Mg: Bent: Solids % HG/LG: % DS/Bent:					
Engr Service		Materials added last 24 hrs:											
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl: Remarks:					
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets		TFA	MD In	MD Out	TVD Out		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft	
Total Length of BHA:		BHA Description:											
						DC Size:		DP Size:		Hours On Jars: 0.0		Hrs Since Last Inspection: 0.0	
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
Survey MD	Angle	Direction	TVD	N/S Coordinate	E/W Coordinate	Vertical Section		DLS					
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight											
- Dig Mousehole & Dig Rathole, Install Cellar Ring. Move off dirt from bucket truck. Blade in 2 loads of road base to level Rig base and substructure. Move in Sauers 30 from SOU "BB" 08-113.													
18:30 - 24:00 Rig up Rig. Order out 8" DC's, Start filling Mud Tank.													
24 hr Summary: Dig Mousehole & Rathole, Move in & rig up rig.													
Operations @ 0500 Hrs:													
TIF, Rigging up													
EVEN: TIF, Picking up DC's Keeping trash in vehicle.													
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 150		Accidents: -					
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 5		Safety Hrs, Rig: (Cumulative) 235		Safety Hrs, Others: (Cumulative) 240		Accidents: (Cumulative) -					
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$16,584		WBS Element No. (Drig) UWDCB D2031 DRL							
Cum Mud Cost:		Cum Tangible Cost:		Cum Drilling Cost: \$39,766		WBS Element No. (Comp)							
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$39,766		Total Appr: \$ 207,500							
Daily Water Cost:		Cum. Water Cost: \$0		Fuel: 350		Bulk Wt: ChevronTexaco ?		API Number:					
Profit Center: MCBU		Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt							
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 11-Aug-02							

**Daily Cost Estimate**

Version 5

**Chevron**

			<b>CAPITAL</b>			<b>EXPENSE</b>		
			WBS#: UWDCB D2031 DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Sauers (Standby)		0	15,400		0	0
74400002	Rig - Footage / Turnkey			0	0		0	0
71290100	Fuel - Diesel / Motor Fuels	Red Rock	300	300	300		0	0
71290300	Utilities - Other (potable water)			0	0		0	0
74400003	Rig Up / Rig Down	Henderson Trucking	12,000	12,000	12,000		0	0
	<b>Rig Costs Total</b>			<b>12,300</b>	<b>27,700</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits	FR Hurt	850	850	2,550		0	0
70000100	Contract Labor (Roustabouts)			0	0		0	0
70000300	Contract Labor (Consultants)	Calloway	300	300	300		0	0
	<b>Supervision Total</b>			<b>1,150</b>	<b>3,450</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids		0	0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper) Trailer		125	310	310		0	0
		Forklift	75					
		Rotating Head	110					
74500100	Contract Equip. & Serv. (w/ Op Weatherford "Air" Standby		1,885	1,885	1,885		0	0
					0			
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>2,195</b>	<b>6,365</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud			0	0		0	0
	<b>Formation Evaluation Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing			0	0		0	0
71900100	Well Equipment / Materials			0	0		0	0
71900110	Wellhead			0	0		0	0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing			0	0		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		939	939	2,251		0	0
	<b>Total Field Estimate (Daily)</b>				<b>16,584</b>		<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>39,766</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location: 2				207,500				
<b>Original Appropriations</b>								
<b>Total Appropriated</b>								
Rig:	Sauers 30		Prepared By:		F.R. Hurt			
Field:	Danish Bench	Lease:	State of Utah II	Well No.:	36-95	Date THRU:	08/11/2002	

TIPS RATE SF -- 36  
43-015-30509

CONFIDENTIAL

**ChevronTexaco** Danish Bench State of Utah II 36-95 **Drilling Activity Report** Version 5

Measured Depth: 326'		TVD: 326'		PBD: 326'		Proposed MD: 3,970'		Proposed TVD: 3,970'							
DOL: 3	DFS: 1	Spud Date: 12-Aug-02		Daily Footage: 233'		Daily Rot Hrs: 7.5		Total Rot Hrs: 7.5							
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt.	Last BOP Test:			ECD 9							
Last Casing Size: 14"		Set At: 93'		TVD: 93'		Shoe Test:		Leakoff? Y N <input type="checkbox"/>							
Cum Rot Hrs on Casing: 7.5		Cum Rot Hrs on Casing Since Last Caliper: 7.5		Whipstock Set @:			KOP:								
Liner Size: Set At: TVD				Liner Top At: MD				TVD							
Mud Co:		Type:		Sample From: Pit		Wt: 9.0		FV: 45.0		PV:		YP:		Gel:	
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT: pH:	
Pm:		Pf/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:		% DS/Bent:	
Engr Service: NONE		Materials added last 24 hrs:		Gel: 91		Polymer: 2									
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:					
Bit No.	IADC	Size	Manufacturer		Serial Number		Type		Jets		TFA	MD In	MD Out	TVD Out	
1		12 1/4	Reed		L48858		EHT11		18	18	18	0.7455	93'	326'	
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull		Cost/Ft		
233'	7.50	30	75												
Total Length of BHA: 326'		BHA Description: 12 1/4" Bit, Bit Sub, 2-8" DC's, XO, 8-6" DC's													
				DC Size:				DP Size:		Hours On Jars: 7.5		Hrs Since Last Inspection: 7.5			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP			
1															
Survey MD		Angle	Direction		TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS		
326'		Misrun													
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight													
11:00	0:00 - 11:00	Weld up conductor pipe. Rig up Rig. Mix Spud Mud. Caliper & Strap BHA.													
2:30	11:00 - 13:30	Pick up BHA, Tighten Kelly, Tag Cmt @90'.													
	13:30 - 21:00	Drill Cement 90' to 93'. Drill formation f/93' to 326'.													
0:30	21:00 - 21:30	Circulate well Clean. Run Wireline survey. MISRUN.													
1:30	21:30 - 23:00	Trip out of hole with BHA. Break Bit. Lay down 2-8" DC's.													
1:00	23:00 - 24:00	Rig up equip. to run 8 5/8" 24# K-55 STC Casing.													
		-													
		-													
		-													
		Yesterday night an employee tripped and fell. He was taken to doctor today after complaining of pain in shoulder and elbow.													
		He felt fine last night when leaving work.													
		-													
		NOTE: Mark Jones with Utah Natural Resource Oil, Gas & Mining on location today. Informed him of Surface Csg job.													
		He photographed rig. He did not witness cement job.													
24 hr Summary:		Rig up, Pick up BHA, Drill Cmt, Drill formation, Circ, Survey, TOOH, LD DC's, RU Csg equip.													
Operations @ 0500 Hrs:															
TIF, Picking up DC's, Accident															
EVEN: TIF, Accident, LD DC's, PU Csg.															
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 90		Accidents:							
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative) 7		Safety Hrs, Rig: (Cumulative) 379		Safety Hrs, Others: (Cumulative) 330		Accidents: (Cumulative) -							
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$12,026		WBS Element No. (Drig) UWDCB D2031 DRL									
Cum Mud Cost:		Cum Tangible Cost:		Cum Drilling Cost: \$51,792		WBS Element No. (Comp)									
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$51,792		Total Appr: \$ 207,500									
Daily Water Cost:		Cum. Water Cost: \$0		Fuel: 350		Bulk Wt:		ChevronTexaco ?		API Number:					
Profit Center: MCBU		Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt									
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 12-Aug-02									

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## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#: UWDCB D2031 DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Sauers	7,700	7,700	23,100		0	0
74400002	Rig - Footage / Turnkey			0	0		0	0
71290100	Fuel - Diesel / Motor Fuels	Red Rock	300	300	600		0	0
71290300	Utilities - Other (potable water)			0	0		0	0
74400003	Rig Up / Rig Down	Henderson Trucking		0	12,000		0	0
<b>Rig Costs Total</b>				<b>8,000</b>	<b>35,700</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits	FR Hurt	850	850	3,400		0	0
70000100	Contract Labor (Roustabouts)			0	0		0	0
70000300	Contract Labor (Consultants)	Calloway	300	300	300		0	0
<b>Supervision Total</b>				<b>1,150</b>	<b>4,600</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids		0	0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
<b>Mud, Materials Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	Trailer	125	310	310		0	0
		Forklift	75					
		Rotating Head	110					
74500100	Contract Equip. & Serv. (w/ Op Weatherford "Air" Standby		1,885	1,885	1,885		0	0
					0			0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
<b>Contract Rentals &amp; Services Total</b>				<b>2,195</b>	<b>8,560</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
<b>Waste Disposal Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud			0	0		0	0
<b>Formation Evaluation Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing			0	0		0	0
71900100	Well Equipment / Materials			0	0		0	0
71900110	Wellhead			0	0		0	0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
<b>Tangible Equipment Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing			0	0		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		681	681	2,932		0	0
<b>Total Field Estimate (Daily)</b>					<b>12,026</b>		<b>0</b>	
<b>Total Estimated Cost (Cumulative)</b>						<b>51,792</b>		<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>	<b>\$\$\$</b>	<b>Days</b>	
Days on Location: 3				<b>Original Appropriations</b>		207,500		
				<b>Total Appropriated</b>				
Rig: Sauers 30		Prepared By: F.R. Hurt						
Field: Danish Bench	Lease: State of Utah II	Well No.: 36-95	Date THRU: 08/12/2002					



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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013

**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  GAS  OTHER:

2. Name of Operator:

Texaco Exploration and Production, Inc.

3. Address and Telephone Number:

P.O. Box 618, Orangeville, Utah 84537 1-435-749-5395

4. Location of Well  
Footages:

2022 FNL, 2130 FEL

5. Lease Designation and Serial Number:  
ML-45567

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

7. Unit Agreement Name:  
N/A

8. Well Name and Number:  
State of Utah "II" 36-95

9. API Well Number:  
43-015-30509

10. Field or Pool, or Wildcat:  
Undesignated

County: Emery  
State: Utah

QQ, Sec., T., R., M.:

SW/4 NE/4, Section 36, T17S, R7E, SLB&M

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- Approximate date work will start \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Weekly Drilling Reports
- Date of work completion \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

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.)

Attached please find the weekly drilling report for the State of Utah "II" 36-95.

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DIVISION OF  
OIL, GAS AND MINING

ORIGINAL

13.

Name & Signature: Don Hamilton

*Don Hamilton*

Title: Agent for ChevronTexaco

Date: 8/12/02

(This space for state use only)

Measured Depth: 93'		TVD: 93'		PBSD:		Proposed MD: 3,970'		Proposed TVD: 3,970'							
DOL: 2		DFS:		Spud Date:		Daily Footage: 0'		Daily Rot Hrs:		Total Rot Hrs: 0.0					
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		ECD			
Last Casing Size: 14"		Set At: 93'		TVD 93'		Shoe Test:		Leakoff? Y		N <input type="checkbox"/>					
Cum Rot Hrs on Casing: 0.0		Cum Rot Hrs on Casing Since Last Caliper: 0.0		Whipstock Set @:		KOP:									
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD					
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:	Gel:		
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:	pH:
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:		% DS/Bent:	
Engr Service		Materials added last 24 hrs:													
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:					
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets		TFA	MD In	MD Out	TVD Out				
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft			
Total Length of BHA:				BHA Description:											
						DC Size:		DP Size:		Hours On Jars: 0.0		Hrs Since Last Inspection: 0.0			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP			
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS				
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight													
-	-	Dig Mousehole & Dig Rathole, Install Cellar Ring. Move off dirt from bucket truck. Blade in 2 loads of road base to level Rig base and substructure. Move in Sauers 30 from SOU "BB" 08-113.													
-	-	18:30 - 24:00 Rig up Rig. Order out 8" DC's, Start filling Mud Tank.													
-	-														
-	-														
-	-														
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DIVISION OF OIL, GAS AND MINING

11-11-02

24 hr Summary: Dig Mousehole & Rathole, Move in & rig up rig.									
Operations @ 0500 Hrs:									
TIF, Rigging up					EVEN: TIF, Picking up DC's Keeping trash in vechile.				
Incident Hours:	Safety Mtgs:	2	Safety Hrs, Rig:	144	Safety Hrs, Others:	150	Accidents:	-	
Incident Hours: (Cumulative)	Safety Mtgs: (Cumulative)	5	Safety Hrs, Rig: (Cumulative)	235	Safety Hrs, Others: (Cumulative)	240	Accidents: (Cumulative)	-	
					WBS Element No. (Drig) UWDCB D2031 DRL				
					WBS Element No. (Comp)				
			Bulk Wt:	ChevronTexaco ?			API Number:		
Profit Center: MCBU		Rig: Sauers 30	Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt				
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 11-Aug-02			

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Measured Depth: 93'		TVD:		PBTD:		Proposed MD: 3,970'		Proposed TVD: 3,970'							
DOL: 1		DFS:		Spud Date:		Daily Footage: 93'		Daily Rot Hrs:		Total Rot Hrs: 0.0					
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		ECD			
Last Casing Size:		Set At:		TVD		Shoe Test:		Leakoff? Y		N <input type="checkbox"/>					
Cum Rot Hrs on Casing: 0.0		Cum Rot Hrs on Casing Since Last Caliper: 0.0		Whipstock Set @:		KOP:									
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD					
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:	Gel:		
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:	pH:
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:		% DS/Bent:	
Engr Service		Materials added last 24 hrs:													
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:					
Bit No.	IADC	Size	Manufacturer		Serial Number		Type		Jets		TFA	MD In	MD Out	TVD Out	
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft			
Total Length of BHA:				BHA Description:											
						DC Size:		DP Size:		Hours On Jars: 0.0		Hrs Since Last Inspection: 0.0			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP			
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS			
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight													
		8/10/02 Drill 26" hole to 93'. Got out of Sand and Boulders and into Shale. Pick up 93' of 14" Conductor pipe, cut circ holes in bottom of bottom joint. Weld pipe together and fill holes used to pick up pipe. Set pipe on bottom. Wait on Cement equip.													
		Could not get a ready mix truck to come to location until Monday morning. Rig up Cement pumping Equip. Pump 20 bbls Gel Spacer, 60 bbls freshwater, Pump 90.3 bbls 430 sacks Premium Type V Cement, W/2% Calcium Chloride, & 1/4#/sk Flocele. Cement 15.6PPG, Yield 1.18, 5.2 gal/sk water. Pump 13.5 bbls displacement. Shut well in leave Bucket rig kelly stacked out on conductor holding pipe straight. Rig down cement equip.													
		AM: Drill rathole & mousehole, Blade location level. Move Sauer 30 to location.													

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DIVISION OF OIL, GAS AND MINING

1701

24 hr Summary:									
Operations @ 0500 Hrs:									
TIF, Pumping cement					EVEN:				
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 36		Safety Hrs, Others: 90		Accidents: -	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 3		Safety Hrs, Rig: (Cumulative) 91		Safety Hrs, Others: (Cumulative) 90		Accidents: (Cumulative) -	
						WBS Element No. (Drig) UWDCB D2031 DRL			
						WBS Element No. (Comp)			
				Bulk Wt:		ChevronTexaco 0		API Number:	
Profit Center: MCBU			Rig: Bill Jr		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt		
Field: Danish Bench			Lease: State of Utah II			Well #: 36-95		Date: 10-Aug-02	

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**ChevronTexac**

Danish Bench

State of Utah II 36-95

**Drilling Activity Report**

Version 5

Measured Depth:		TVD:		PBTD:		Proposed MD:		Proposed TVD:		3,970'		3,970'	
DOL:		DFS:		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs:		0.0	
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		ECD	
Last Casing Size:		Set At:		TVD		Shoe Test:		Leakoff?		<input type="checkbox"/>		N <input type="checkbox"/>	
Cum Rot Hrs on Casing:		Cum Rot Hrs on Casing Since Last Caliper:		Whipstock Set @:		KOP:							
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD			
Mud Co:		Type:		Sample From:		WT:		FV:		PV:		YP: Gel:	
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand: MBT: pH:	
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG: % DS/Bent:	
Engr Service		Materials added last 24 hrs:											
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit No.	IADC	Size	Manufacturer		Serial Number		Type	Jets		TFA	MD In	MD Out	TVD Out
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft	
Total Length of BHA:		BHA Description:											
		DC Size:		DP Size:		Hours On Jars:		Hrs Since Last Inspection:					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight											
-	8/8/02:	Dryhole rig on location. 15:00. Reserve pit was improperly staked. Rig had to wait until proper spotting of pit.											
-		Drilled 13' shut down for night.											
-	8/9/02:	Dryhole rig drilled to 82'. Got stuck @ 16:00 finally got free at 20:00 shut down for night.											
-		Sauers Rig on Standby.											
-													
-													
-													
-													
-													
-													
-													
-													
-													
-													
-													

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AUG 14 2002  
DIVISION OF  
OIL, GAS AND MINING

SEP

24 hr Summary:									
Operations @ 0500 Hrs:									
SAFETY; DAYS: TIF, Dry conditions, fire hazards.					EVEN:				
Incident Hours:		Safety Mtgs: 1		Safety Hrs, Rig: 55		Safety Hrs, Others:		Accidents: -	
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative) 1		Safety Hrs, Rig: (Cumulative) 55		Safety Hrs, Others: (Cumulative) -		Accidents: (Cumulative) -	
						WBS Element No. (Drig) UWDCB D2031 DRL			
						WBS Element No. (Comp)			
			Fuel:		Bulk Wt:		ChevronTexaco 0		API Number:
Profit Center: MCBU			Rig: Bill Jr		Rig Phone:		Drilling Rep: F.R. Hurt		
Field: Danish Bench			Lease: State of Utah II			Well #: 36-95		Date: 9-Aug-02	

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DIVISION OF OIL, GAS AND MINING

**ChevronTexaco** Danish Bench State of Utah II 36-95 **Drilling Activity Report** Version 5

Measured Depth: 2,419'		TVD: 2,419'		PBDT:		Proposed MD: 3,970'		Proposed TVD: 3,970'							
DOL: 5	DFS: 3	Spud Date: 12-Aug-02		Daily Footage: 2,093'		Daily Rot Hrs: 15.0		Total Rot Hrs: 15.0							
Torque:	Drag: 6	Rot Wt: 82	P/U Weight: 88	S/O Wt: 75	Last BOP Test: 08/14/2002		ECD: 0								
Last Casing Size: 8- 5/8 "		Set At: 325'		TVD: 325'		Shoe Test: no		Leakoff? Y N <input type="checkbox"/>							
Cum Rot Hrs on Casing: 15.0		Cum Rot Hrs on Casing Since Last Caliper: 15.0		Whipstock Set @:		KOP:									
Liner Size:		Set At: TVD		Liner Top At: MD		TVD									
Mud Co:		Type: AIR		Sample From:		Wt:		FV:		PV:		YP:		Get:	
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT: pH:	
Pm:		Pi/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:		% DS/Bent:	
Engr Service		Materials added last 24 hrs:													
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:					
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out			
1	117	12 1/4	Reed	L48858	EHT11	18	18	18	0.7455	93'	326'				
2	537	7 7/8	Reed	Q83893	HP53JAC	18	20	20	1.1689	326'					
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft			
233'	7.50	30	75	3	3	WT	A	E	I		TD				
2,093'	15.00	35	125												
Total Length of BHA: 458'		BHA Description: 7 7/8"Bit, Bit Sub, 16-6" DC's, XO													
		DC Size: 6		DP Size: 4		Hours On Jars: 15.0		Hrs Since Last Inspection: 15.0							
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP			
1					180										
2															
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS				
520'		0.8													
1,514'		0.5													
2,009'		1.0													
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight													
2:00	0:00 - 02:00	Make up 7 7/8" bit, Trip in Hole. Install drive bushing, and rotating rubber.													
0:30	2:00 - 02:30	Rig Service													
	2:30 - 05:30	Drill cement, Float, & Shoe, F/230' to 325'. Drill Form, 326' to 353'.													
0:30	5:30 - 06:00	Circ with air unload fluid f/well.													
3:00	6:00 - 09:00	Drill f/353' to 556'. Survey @520' 3/4 deg													
4:00	9:00 - 13:00	Drill f/556' to 1053'. Survey @1017' 1/2 deg													
0:30	13:00 - 13:30	Rig Service													
4:30	13:30 - 18:00	Drill f/1053' to 1550'. Survey @1514' 1/2 deg													
4:00	18:00 - 22:00	Drill f/1550' to 2045'. Survey @2009'. 1 deg													
2:00	22:00 - 24:00	Drill f/2045' to 2419'.													
24 hr Summary:		TIH, Rig Serv, Drill, Unload hole, Drill, Survey, Drill													
Operations @ 0500 Hrs:		TIF, Last Day, Trip Hazards, Fast holing													
		EVEN: TIF, First night back, Accident Report, Fast Holing													
Incident Hours:		Safety Mtgs: 2	Safety Hrs, Rig: 144	Safety Hrs, Others: 30	Accidents: -										
Incident Hours (Cumulative):		Safety Mtgs (Cumulative): 11	Safety Hrs, Rig (Cumulative): 667	Safety Hrs, Others (Cumulative): 450	Accidents (Cumulative): 1										
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$16,381		WBS Element No. (Drig) UWDCB D2031 DRL									
Cum Mud Cost:		Cum Tangible Cost: \$3,688		Cum Drilling Cost: \$116,439		WBS Element No. (Comp)									
Daily Comp Cost		Cum Completion Cost: \$0		Cum Well Cost: \$116,439		Total Appr: \$ 207,500									
Daily Water Cost:		Cum. Water Cost: \$0	Fuel: 350	Bulk Wt:	ChevronTexaco ?		API Number: 43-015-30509								
Profit Center: MCBU		Rig: Sauers 30	Rig Phone: 435-749-0958	Drilling Rep: F.R. Hurt											
Field: Danish Bench		Lease: State of Utah II	Well #: 36-95	Date: 14-Aug-02											

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Daily Cost Estimate

Version 5

Chevron

			CAPITAL			EXPENSE		
			WBS#: UWDCB D2031 DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Sauers	7,700	7,700	38,500		0	0
74400002	Rig - Footage / Turnkey	Bill Jr		0	23,253		0	0
71290100	Fuel - Diesel / Motor Fuels	Red Rock	1,200	1,200	2,100		0	0
71290300	Utilities - Other (potable water)			0	0		0	0
74400003	Rig Up / Rig Down	Henderson Trucking		0	12,000		0	0
	<b>Rig Costs Total</b>			<b>8,900</b>	<b>75,853</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits	FR Hurt	850	850	5,100		0	0
70000100	Contract Labor (Roustabouts)	Gardiners	2,294	2,294	2,294		0	0
70000300	Contract Labor (Consultants)	Calloway	300	300	300		0	0
	<b>Supervision Total</b>			<b>3,444</b>	<b>9,194</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids		0	0	0			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	Trailer	125	310	310		0	0
		Forklift	75					
		Rotating Head	110					
74500100	Contract Equip. & Serv. (w/ Op	Weatherford "Air"	2,800	2,800	2,800		0	0
					0			0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0

015

TIPS ROPE SE-36  
43-015-30509

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**ChevronTexaco** Danish Bench State of Utah II 36-95 **Drilling Activity Report** Version 5

Measured Depth: 3,995'		TVD: 3,995'		PBDT:		Proposed MD: 3,970'		Proposed TVD: 3,970'				
DOL: 6		DFS: 4		Spud Date: 12-Aug-02		Daily Footage: 1,576'		Daily Rot Hrs: 11.5				
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.				
Last Casing Size: 8- 5/8 "		Set At: 325'		TVD 325'		Shoe Test: no		Leakoff? Y N <input type="checkbox"/>				
Cum Rot Hrs on Casing: 30.5		Cum Rot Hrs on Casing Since Last Caliper: 30.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co:		Type: AIR		Sample From:		Wt:		FV: PV: YP: Gel:				
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil: % Water: % Sand: MBT: pH:				
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg: Bent: Solids % HG/LG: % DS/Bent:				
Engr Service		Materials added last 24 hrs:										
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl: Remarks:				
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
1	117	12 1/4	Reed	L48858	EHT11	18	18	18	0.7455	93'	326'	
2	537	7 7/8	Reed	Q83893	HP53JAC	18	20	20	1.1689	326'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
233'	7.50	30	75	3	3	WT	A	E	I		TD	
3,669'	30.50	35	125									
Total Length of BHA: 458'		BHA Description: 7 7/8"Bit, Bit Sub, 16-6" DC's, XO										
		DC Size: 6		DP Size: 4		Hours On Jars: 30.5		Hrs Since Last Inspection: 30.5				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
1					180							
2												
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section		DLS
2,507'		1.0										
3,499'		1.0										
3,959'		2.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
1:30	0:00 - 01:30	Drill f/2419' to 2543'. Survey @2507'. 1 deg										
1:00	1:30 - 02:30	Drill f/2543' to 2666'.										
	2:30 - 03:00	Rig Service										
3:00	3:00 - 06:00	Drill f/2666' to 3038'. Survey @3002'. 1/2 deg										
4:00	6:00 - 10:00	Drill f/3038' to 3535'. Survey @3499'. 1 deg										
3:30	10:30 - 14:00	Drill f/3535' to 3995'. TD.										
0:30	14:00 - 14:30	Circ Clean, Survey @3959'. 2 Deg. Pump High Vis Pill.										
3:00	14:30 - 17:30	Trip out of the hole for logs.										
6:30	17:30 - 24:00	Schlumberger Safety Mtg, Rig up Schlumberger. Pick up Platform Express, Array Induction Logging tools. Run in hole tag @4000'. Log well. Pick up FMI logging tool run in hole could only get 3 of the four imaging arms working. Made several passes to reorient tool Talked with Don Mitchell and decided to make 2 passes this would make it possible to process log.										
		Contacted Mark Jones w/Utah Natural Res, Oil, Gas & Mining concerning Casing and Cement job.										
24 hr Summary: Drill, Survey, Drill, Rig serv, Drill, Survey, Drill, Circ, TOOH, Log												
Operations @ 0500 Hrs:												
TIF, first day back, BOP drill. EVEN: TIF, First night back, Accident Report, Fast Holing												
Incident Hours:		Safety Mtgs: 3		Safety Hrs, Rig: 144		Safety Hrs, Others: 48		Accidents: -				
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative) 14		Safety Hrs, Rig: (Cumulative) 811		Safety Hrs, Others: (Cumulative) 498		Accidents: (Cumulative) 1				
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$13,950		WBS Element No. (Drig) UWDCB D2031 DRL						
Cum Mud Cost:		Cum Tangible Cost: \$3,688		Cum Drilling Cost: \$130,388		WBS Element No. (Comp)						
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$130,388		Total Appr: \$ 207,500						
Daily Water Cost:		Cum. Water Cost: \$0		Fuel: 350		Bulk Wt:		ChevronTexaco ?		API Number: 43-015-30509		
Profit Center: MCBU		Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt						
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 15-Aug-02						

**Daily Cost Estimate**

Version 5

**Chevron**

CAPITAL			EXPENSE		
WBS#:	UWDCB D2031 DRL	WBS #:	0		

Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Sauers	7,700	7,700	46,200		0	0
74400002	Rig - Footage / Turnkey	Bill Jr		0	23,253		0	0
71290100	Fuel - Diesel / Motor Fuels	Red Rock	1,200	1,200	3,300		0	0
71290300	Utilities - Other (potable water)			0	0		0	0
74400003	Rig Up / Rig Down	Henderson Trucking		0	12,000		0	0
<b>Rig Costs Total</b>				<b>8,900</b>	<b>84,753</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits	FR Hurt	850	850	5,950		0	0
70000100	Contract Labor (Roustabouts)	Gardiners		0	2,294		0	0
70000300	Contract Labor (Consultants)	Calloway	300	300	300		0	0
<b>Supervision Total</b>				<b>1,150</b>	<b>10,344</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids		0	0	0		0	0
				0	0		0	0
71900500	Materials, Supply, Repair Parts			0	0		0	0
<b>Mud, Materials Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	Trailer	125	310	310		0	0
		Forklift	75					
		Rotating Head	110					
74500100	Contract Equip. & Serv. (w/ Op	Weatherford "Air"	2,800	2,800	2,800		0	0
					0		0	0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
<b>Contract Rentals &amp; Services Total</b>				<b>3,110</b>	<b>19,996</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
<b>Waste Disposal Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud			0	0		0	0
<b>Formation Evaluation Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8 5/8" Csg \$9.73/ft		0	3,162		0	0
71900100	Well Equipment / Materials	8 5/8" Float Equip		0	526		0	0
71900110	Wellhead			0	0		0	0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
<b>Tangible Equipment Total</b>				<b>0</b>	<b>3,688</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	Schlumberger		0	4,227		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		790	790	7,380		0	0
<b>Total Field Estimate (Daily)</b>				<b>13,950</b>			<b>0</b>	
<b>Total Estimated Cost (Cumulative)</b>					<b>130,388</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>	<b>\$\$\$</b>	<b>Days</b>	
Days on Location: 6				<b>Original Appropriations</b>		<b>Total Appropriated</b>		
				207,500				
Rig: Sauers 30				Prepared By: F.R. Hurt				
Field: Danish Bench	Lease: State of Utah II	Well No.: 36-95	Date THRU: 08/15/2002					



ENTITY ACTION FORM

Operator: Texaco Exploration and Production, Inc. Operator Account Number: N 5700  
 Address: P.O. Box 618  
city Orangeville  
state Ut zip 84537 Phone Number: (435) 749-5395

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530509	State of Utah "II" 36-95		SWNE	36	17S	7E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13573	8/12/2002		8-23-02		
Comments: <b>CONFIDENTIAL</b>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530508	State of Utah "II" 36-96		NESE	36	17S	7E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A			8/17/2002				
Comments:							

Well 3

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

ACTION CODES:

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

Don Hamilton  
 Name (Please Print)  
*Don Hamilton*  
 Signature  
 Agent for Texaco  
 Title  
 8/19/2002  
 Date

CONFIDENTIAL

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**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  GAS  OTHER:

2. Name of Operator:

Texaco Exploration and Production, Inc.

3. Address and Telephone Number:

P.O. Box 618, Orangeville, Utah 84537 1-435-749-5395

4. Location of Well  
Footages:

~~0391~~ <sup>1996</sup>  
~~2022~~ FNL, ~~2130~~ FEL

QQ, Sec., T., R., M.:

SW/4 NE/4, Section 36, T17S, R7E, SLB&M

5. Lease Designation and Serial Number:

ML-45567

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

State of Utah "II" 36-95

9. API Well Number:

43-015-30509

10. Field or Pool, or Wildcat:

Undesignated

County: Emery

State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- Approximate date work will start \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Spud Notice
- Date of work completion \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

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.)

**The State of Utah "II" 36-95 well was spud August 12, 2002.**

**Sauer is the drilling contractor utilizing rig 30.**

**Drilling reports will follow under a separate cover.**

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AUG 13 2002

DIVISION OF  
OIL, GAS AND MINING

13.

Name & Signature: Don Hamilton

*Don Hamilton*

Title: Agent for Texaco

Date: 8/19/02

(This space for state use only)

ORIGINAL

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FORM 9

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

019

**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  GAS  OTHER:

2. Name of Operator:

Texaco Exploration and Production, Inc.

3. Address and Telephone Number:

P.O. Box 618, Orangeville, Utah 84537 1-435-749-5395

4. Location of Well  
Footages:

<sup>0221</sup>  
~~2022~~ FNL, <sup>1926</sup> 2130' FEL

QQ, Sec., T., R., M.:

SW/4 NE/4, Section 36, T17S, R7E, SLB&M

5. Lease Designation and Serial Number:

ML-45567

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

State of Utah "II" 36-95

9. API Well Number:

43-015-30509

10. Field or Pool, or Wildcat:

Undesignated

County: Emery

State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

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

**Attached please find the weekly drilling report for the State of Utah "II" 36-95.**

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8/19/2002

DIVISION OF  
OIL, GAS AND MINING

ORIGINAL

13.

Name & Signature: Don Hamilton

*Don Hamilton*

Title: Agent for ChevronTexaco

Date: 8/19/02

(This space for state use only)

ChevronTexac

Danish Bench

State of Utah II 36-95

Drilling Activity Report

Version 5

Measured Depth: 326'		TVD: 326'		PBSD:		Proposed MD: 3,970'		Proposed TVD: 3,970'					
DOL: 3		DFS: 1		Spud Date: 12-Aug-02		Daily Footage: 233'		Daily Rot Hrs: 7.5		Total Rot Hrs: 7.5			
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		ECD 9	
Last Casing Size: 14"		Set At: 93'		TVD 93'		Shoe Test:		Leakoff? Y		N <input type="checkbox"/>			
Cum Rot Hrs on Casing: 7.5		Cum Rot Hrs on Casing Since Last Caliper: 7.5		Whipstock Set @:		KOP:							
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD			
Mud Co:		Type:		Sample From: Pit		Wt: 9.0		FV: 45.0		PV:		YP: Gel:	
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand: MBT: pH:	
Pm:		Pfi/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG: % DS/Bent:	
Engr Service NONE		Materials added last 24 hrs:		Gel: 91		Polymer: 2							
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out	
1		12 1/4	Reed	L48858	EHT11	18	18	18	0.7455	93'	326'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft	
233'	7.50	30	75										
Total Length of BHA: 326'		BHA Description: 12 1/4" Bit, Bit Sub, 2-8" DC's, XO, 8-6" DC's											
		DC Size:		DP Size:		Hours On Jars: 7.5		Hrs Since Last Inspection: 7.5					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
1													
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS		
326'		Misrun											
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight											
11:00	0:00 - 11:00	Weld up conductor pipe. Rig up Rig. Mix Spud Mud. Caliper & Strap BHA.											
2:30	11:00 - 13:30	Pick up BHA, Tighten Kelly, Tag Cmt @90'.											
	13:30 - 21:00	Drill Cement 90' to 93'. Drill formation f/93' to 326'.											
0:30	21:00 - 21:30	Circulate well Clean. Run Wireline survey. MISRUN.											
1:30	21:30 - 23:00	Trip out of hole with BHA. Break Bit. Lay down 2-8" DC's.											
1:00	23:00 - 24:00	Rig up equip. to run 8 5/8" 24# K-55 STC Casing.											
		Yesterday night an employee tripped and fell. He was taken to doctor today after complaining of pain in shoulder and elbow.											
		He felt fine last night when leaving work.											
		NOTE: Mark Jones with Utah Natural Resource Oil, Gas & Mining on location today. Informed him of Surface Csg job.											

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- He photographed rig. He did not witness cement job.									
24 hr Summary: Rig up, Pick up BHA, Drill Cmt, Drill formation, Circ, Survey, TOOH, LD DC's, RU Csg equip.									
Operations @ 0500 Hrs:									
TIF, Picking up DC's, Accident					EVEN: TIF, Accident, LD DC's, PU Csg.				
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 90		Accidents:	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 7		Safety Hrs, Rig: (Cumulative) 379		Safety Hrs, Others: (Cumulative) 330		Accidents: (Cumulative) -	
						WBS Element No. (Drig) UWDCB D2031 DRL			
						WBS Element No. (Comp)			
			Bulk Wt:		ChevronTexaco ?		API Number:		
Profit Center: MCBU		Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt			
Field: Danish Bench		Lease: State of Utah II			Well #: 36-95		Date: 12-Aug-02		

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DIVISION OF  
OIL, GAS AND MINING

ChevronTexac

Danish Bench

State of Utah II 36-95

Drilling Activity Report

Version 5

Measured Depth: 326'		TVD: 326'		PBTD:		Proposed MD: 3,970'		Proposed TVD: 3,970'			
DOL: 4		DFS: 2		Spud Date: 12-Aug-02		Daily Footage: 0'		Daily Rot Hrs: 0.0		Total Rot Hrs: 0.0	
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test: ECD 0	
Last Casing Size: 8- 5/8 "		Set At: 325'		TVD 325'		Shoe Test: no		Leakoff? Y		N <input type="checkbox"/>	
Cum Rot Hrs on Casing: 0.0		Cum Rot Hrs on Casing Since Last Caliper: 0.0		Whipstock Set @:		KOP:					
Liner Size:		Set At: TVD		Liner Top At: MD		TVD					
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:	
Yp:		Gel:									
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:	
% Sand:		MBT:		pH:							
Pm:		Pfi/Mf:		Carb:		Cl:		Ca/Mg:		Bent:	
Solids % HG/LG:		% DS/Bent:									
Engr Service		Materials added last 24 hrs:									
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:	
Bit No.		IADC		Size		Manufacturer		Serial Number		Type	
Jets		TFA		MD In		MD Out		TVD Out			
1				12 1/4		Reed		L48858		EHT11	
18		18		18				0.7455		93'	
326'											
Feet		Hours		WOB		RPM		I-Row		O-Row	
DC		Loc		B		G		Char		?Pull	
Cost/Ft											
233'		7.50		30		75		3		3	
WT		A		E		I		TD			
Total Length of BHA:		326'		BHA Description:		7 7/8"Bit, Bit Sub, 6" DC's					
DC Size:		6		DP Size:		4		Hours On Jars:		0.0	
Hrs Since Last Inspection:		0.0									
Bit		Liner		Stroke		BBL/STK		SPM		Pressure	
GPM		Jet Vel		DP AV		DC AV		Bit HHP		BHHP/SQ. IN.	
Pump HHP											
1											
Survey MD		Angle		Direction		TVD		N/S Coordinate		E/W Coordinate	
Vertical Section		DLS									
Hrs.		(From -To) hh:mm		Operations Covering 24 Hours Ending at Midnight							
1:00		0:00 - 01:00		Run 8 5/8" 24# K-55 STC Casing as follows: Guide shoe, 1 jt, Insert, 6 jts casing. Rig down Casing equip.							
1:30		1:00 - 02:30		Schlumberger safety mtg. Rig up equip to cement csg. Pressure test pump & lines to 3000 psi. Pump 15 bbls freshwater established circ. Pump 246 sacks of Class "G" with 2% S001, 1/4#/sk D-29. Yield 1.15, Density 15.8, Mix wtr 4.97 gal/sk Drop plug, displace with 17.6 bbls freshwater, bump plug increase pressure to 300 psi above pumping pressure. check floats floats held. Rig down Schlumberger. Circulated out 88 sacks of cement (18 bbls). RD Schlumberger.							
5:30		2:30 - 08:00		Wait on cement. Dump and clean Mud tank.							
6:00		8:00 - 14:00		Cut off conductor pipe & 8 5/8" csg. Weld on Casing Head. Let head cool. Test void Tested good.							
3:00		14:00 - 17:00		Nipple up BOP.							
7:00		17:00 - 24:00		Test BOP as follows. Test Pipe rams, Blind Rams, Choke Manifold, Choke Line, Kill Line, Upper Kelly, Floor Valve, Dart Valve to 250 psi/2000 psi. Had to tighten several flanges, Change out check valve on kill line, had to open doors and wash out Body of BOP, Had to replace Relief valve on Accumulator. Tested Casing 1000 psi/30 min.							

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24 hr Summary: Run 8 5/8 csg, Cement, WOC, Weld on Head, Nipple up BOP, Test BOP									
Operations @ 0500 Hrs:									
TIF, Cementing,					EVEN: TIF, Nipping up BOP & Testing BOP				
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 90		Accidents: -	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 9		Safety Hrs, Rig: (Cumulative) 523		Safety Hrs, Others: (Cumulative) 420		Accidents: (Cumulative) 1	
						WBS Element No. (Drig) UWDCB D2031 DRL			
						WBS Element No. (Comp)			
				Bulk Wt:		ChevronTexaco ?		API Number:	
Profit Center: MCBU			Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt		
Field: Danish Bench			Lease: State of Utah II			Well #: 36-95		Date: 13-Aug-02	

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 OIL, GAS AND MINING

Measured Depth: 2,419'		TVD: 2,419'		PBTD:		Proposed MD: 3,970'		Proposed TVD: 3,970'							
DOL: 5		DFS: 3		Spud Date: 12-Aug-02		Daily Footage: 2,093'		Daily Rot Hrs: 15.0		Total Rot Hrs: 15.0					
Torque:		Drag: 6		Rot Wt: 82		P/U Weight: 88		S/O Wt: 75		Last BOP Test: 8/14/02		ECD: 0			
Last Casing Size: 8- 5/8 "		Set At: 325'		TVD 325'		Shoe Test: no		Leakoff? Y		N <input type="checkbox"/>					
Cum Rot Hrs on Casing: 15.0		Cum Rot Hrs on Casing Since Last Caliper: 15.0		Whipstock Set @:		KOP:									
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD					
Mud Co:		Type: AIR		Sample From:		Wt:		FV:		PV:		YP:	Gel:		
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:	pH:
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:		% DS/Bent:	
Engr Service		Materials added last 24 hrs:													
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:					
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets				TFA	MD In	MD Out	TVD Out		
1	117	12 1/4	Reed	L48858	EHT11	18	18	18		0.7455	93'	326'			
2	537	7 7/8	Reed	Q83893	HP53JAC	18	20	20	20	1.1689	326'				
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft			
233'	7.50	30	75	3	3	WT	A	E	I		TD				
2,093'	15.00	35	125												
Total Length of BHA: 458'		BHA Description: 7 7/8"Bit, Bit Sub, 16-6" DC's, XO													
						DC Size: 6		DP Size: 4		Hours On Jars: 15.0		Hrs Since Last Inspection: 15.0			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP			
1					180										
2															
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS			
520'		0.8													
1,514'		0.5													
2,009'		1.0													
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight													
2:00	0:00 - 02:00	Make up 7 7/8" bit, Trip in Hole. Install drive bushing, and rotating rubber.													
0:30	2:00 - 02:30	Rig Service													
	2:30 - 05:30	Drill cement, Float, & Shoe, F/230' to 325'. Drill Form, 326' to 353'.													
0:30	5:30 - 06:00	Circ with air unload fluid f/well.													
3:00	6:00 - 09:00	Drill f/353' to 556'. Survey @520' 3/4 deg													
4:00	9:00 - 13:00	Drill f/556' to 1053'. Survey @1017' 1/2 deg													
0:30	13:00 - 13:30	Rig Service													
4:30	13:30 - 18:00	Drill f/1053' to 1550'. Survey @1514' 1/2 deg													
4:00	18:00 - 22:00	Drill f/1550' to 2045'. Survey @2009'. 1 deg													
2:00	22:00 - 24:00	Drill f/2045' to 2419'.													
	-														
	-														
	-														

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24 hr Summary: TIF, Rig Serv, Drill, Unload hole, Drill, Survey, Drill									
Operations @ 0500 Hrs:									
TIF, Last Day, Trip Hazards, Fast holing					EVEN: TIF, First night back, Accident Report, Fast Holing				
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 30		Accidents: -	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 11		Safety Hrs, Rig: (Cumulative) 667		Safety Hrs, Others: (Cumulative) 450		Accidents: (Cumulative) 1	
						WBS Element No. (Drig) UWDCB D2031 DRL			
						WBS Element No. (Comp)			
			Bulk Wt:		ChevronTexaco ?		API Number:		
Profit Center: MCBU		Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt			
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 14-Aug-02			

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Measured Depth: 3,995'		TVD: 3,995'		PBTD:		Proposed MD: 3,970'		Proposed TVD: 3,970'					
DOL: 6		DFS: 4		Spud Date: 12-Aug-02		Daily Footage: 1,576'		Daily Rot Hrs: 11.5		Total Rot Hrs: 30.5			
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test: 8/14/02			
Last Casing Size: 8- 5/8 "		Set At: 325'		TVD 325'		Shoe Test: no		Leakoff? Y		N <input type="checkbox"/>			
Cum Rot Hrs on Casing: 30.5		Cum Rot Hrs on Casing Since Last Caliper: 30.5		Whipstock Set @:		KOP:							
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD			
Mud Co:		Type: AIR		Sample From:		Wt:		FV:		PV:			
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:			
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg:		Bent:			
Engr Service		Materials added last 24 hrs:											
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets				TFA	MD In	MD Out	TVD Out
1	117	12 1/4	Reed	L48858	EHT11	18	18	18		0.7455	93'	326'	
2	537	7 7/8	Reed	Q83893	HP53JAC	18	20	20	20	1.1689	326'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft	
233'	7.50	30	75	3	3	WT	A	E	I		TD		
3,669'	30.50	35	125										
Total Length of BHA: 458'		BHA Description: 7 7/8"Bit, Bit Sub, 16-6" DC's, XO											
						DC Size: 6		DP Size: 4		Hours On Jars: 30.5		Hrs Since Last Inspection: 30.5	
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
1					180								
2													
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
2,507'		1.0											
3,499'		1.0											
3,959'		2.0											
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight											
1:30	0:00 - 01:30	Drill f/2419' to 2543'. Survey @2507'. 1 deg											
1:00	1:30 - 02:30	Drill f/2543' to 2666'.											
	2:30 - 03:00	Rig Service											
3:00	3:00 - 06:00	Drill f/2666' to 3038'. Survey @3002'. 1/2 deg											
4:00	6:00 - 10:00	Drill f/3038' to 3535'. Survey @3499'. 1 deg											
3:30	10:30 - 14:00	Drill f/3535' to 3995'. TD.											
0:30	14:00 - 14:30	Circ Clean, Survey @3959'. 2 Deg. Pump High Vis Pill.											
3:00	14:30 - 17:30	Trip out of the hole for logs.											
6:30	17:30 - 24:00	Schlumberger Safety Mtg, Rig up Schlumberger. Pick up Platform Express, Array Induction Logging tools. Run in hole tag @4000'. Log well. Pick up FMI logging tool run in hole could only get 3 of the four imaging arms working. Made several passes to reorient tool Talked with Don Mitchell and decided to make 2 passes this would make it possible to process log.											

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- Contacted Mark Jones w/Utah Natural Res, Oil, Gas & Mining concerning Casing and Cement job.									
24 hr Summary: Drill, Survey, Drill, Rig serv, Drill, Survey, Drill, Circ, TOO, Log									
Operations @ 0500 Hrs:									
TIF, first day back, BOP drill.					EVEN: TIF, First night back, Accident Report, Fast Hoing				
Incident Hours:		Safety Mtgs: 3		Safety Hrs, Rig: 144		Safety Hrs, Others: 48		Accidents: -	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 14		Safety Hrs, Rig: (Cumulative) 811		Safety Hrs, Others: (Cumulative) 498		Accidents: (Cumulative) 1	
						WBS Element No. (Orig) UWDCB D2031 DRL			
						WBS Element No. (Comp)			
			Bulk Wt:		ChevronTexaco ?		API Number:		
Profit Center: MCBU		Rig: Sauers 30		Rig Phone: 435-749-0958		Drilling Rep: F.R. Hurt			
Field: Danish Bench		Lease: State of Utah II		Well #: 36-95		Date: 15-Aug-02			

[Faint handwritten notes and stamps, including a date stamp that appears to be 8/15/02]

CONFIDENTIAL

**ChevronTexac**

Danish Bench

State of Utah II 36-95

**Drilling Activity Report**

Version 5

Measured Depth: 3,995'		TVD: 3,995'		PBDT:		Proposed MD: 3,970'		Proposed TVD: 3,970'					
DOL: 7		DFS: 5		Spud Date: 12-Aug-02		Daily Footage: 0'		Daily Rot Hrs: 0.0		Total Rot Hrs: 30.5			
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test: 8/14/02			
Last Casing Size: 8- 5/8 "		Set At: 325'		TVD 325'		Shoe Test: no		Leakoff? Y		N <input type="checkbox"/>			
Cum Rot Hrs on Casing: 30.5		Cum Rot Hrs on Casing Since Last Caliper: 30.5		Whipstock Set @:		KOP:							
Liner Size: Set At: TVD		Liner Top At: MD		TVD									
Mud Co:		Type: AIR		Sample From:		Wt:		FV:		PV:			
Yp:		Gel:		WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:			
% Oil:		% Water:		% Sand:		MBT:		pH:					
Pm:		Pf/Mf:		Carb:		Cl:		Ca/Mg:		Bent:			
Sols % HG/LG:		% DS/Bent:											
Engr Service		Materials added last 24 hrs:											
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets				TFA	MD In	MD Out	TVD Out
1	117	12 1/4	Reed	L48858	EHT11	18	18	18		0.7455	93'	326'	
2	537	7 7/8	Reed	Q83893	HP53JAC	18	20	20	20	1.1689	326'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft	
233'	7.50	30	75	3	3	WT	A	E	I		TD		
3,669'	30.50	35	125	3	3	WT	A	E	I		TD		
Total Length of BHA: 458'		BHA Description: 7 7/8" Bit, Bit Sub, 16-6" DC's, XO											
		DC Size: 6		DP Size: 4		Hours On Jars: 30.5		Hrs Since Last Inspection: 30.5					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
1					180								
2													
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS		
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight											
2:30	0:00 - 02:30	Finish running FMI log. Rig down Schlumberger.											
2:30	2:30 - 05:00	Trip in hole. 15' of fill.											
7:00	5:00 - 12:00	Laydown crew spotted in equip. Unloaded trough and post onto catwalk. Post rotated out of trough Pinning a R&S employee's ankle under post. Removed post from employee and transported employee to Price Hospital. Shut operations down Ron Lackey arrived on location and conducted investigation and interviewed witnesses. Pull 10 stds, while waiting on different Laydown crew. Trip in 10 stds.											
5:30	12:00 - 17:30	Hold Safety mtg w/ laydown crew. Rig up laydown crew. Lay down drillpipe & drill collars.											
5:00	17:30 - 22:30	Hold Safety mtg w/Csg crew. Pick up 5 1/2" Guide Shoe, 1 Jt, Float Collar, 89 jts 5 1/2" TCA 125 & LS 125 LTC 17# Csg. Tag @3972'. 23' high. Lay down 1 jt. End of Casing @3953'. Float Collar @3906'. Rig down Casing Crew.											
1:30	22:30 - 24:00	Schlumberger & Vetco Safety Mtg. Rig up Schlumberger, Pressure test lines to 3000 psi. Pump 10 bbls chemical wash, 10 bbls freshwater, 43 bbls (150 sacks) 14.2# 10-2 RFC cement, Yield 1.61, 7.98 gals/sk mix wtr. Drop plug, Pump displacement water w/2 gals/1000 L64 (kcl substitute). Bump plug press up to 900 psi. Check floats floats held. Rig down Schlumberger.											



T 175 R 07E S C-36  
43-015-3050

CONFIDENTIAL

020

STATE OF UTAH II 36-95

Daily Completion / WO Report Version 1.8.1

Start Date: 08/28/2002		Actual Days:		Auth. Days:		TD: 3,995'		PBD: 3,906'	
Job Description: NEW WELL COMPLETION						KB Correction: 11'			
Fluid Type: 2% KCL						Weight: 8.4			
Prod. Casing Size:			WT:		Grade:		Set @ MD:		Cmt. Top @
Liner OD:			WT:		Grade:		Set@ MD:		Top @MD:
Tubing OD	Wt.	Grade	Threads	Depth	Details				
Packer @		Packer Make & Model			Perfs From:		To:		Details
Fish Top: Details:									
Hrs. From: To: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs)									
Held tail gate safety mtg with schlumberger crew talked about working safe in remote area									
10:30 12:00 MIRU Schlumberger Blue Streak w/ truck - Rih with SLT-J logging tool - correlated depth with schlumberger									
compensated neutron triple lithodensity gama ray log dated 8/15/02 - Ran CBL/GR/CCL Log from 3883 - 3100'									
Top of Cement @ 3375 RD-Schlumberger									
Driller Report O.H.TD @ 3995' - Csg shoe @ 3953' - FC @ 3906'									
Final report until activities resume									
SAFETY MEETINGS HELD: 1 OSHA MAN HRS: RIG: - OTHERS: 12 TOTAL: 12									
CUMULATIVE SAFETY HOURS: Mtg 1 RIG: - TOTAL: 12									
Fluid Lost To Formation Daily: Cumulative:									
Hours Charged To: Contractor: Chevron: Other: Total: 0									
Remarks:									
G&A: H2S: Accidents: Chevron %: -									
Daily Intangible Cost: \$9,235		Daily Tang. Cost: \$0		Daily Comp Cost: \$9,235		WBS Element No. (Capital) UWDCB-D2031-COM			
Cum Intangible Cost: \$3,110		Cum Tang Cost: \$6,125		Cum Comp Cost: \$9,235		WBS Element No. (Exp)			
Previous Comp Cst\$		Final Drilling Cost		Cum Well Cost:		Total Appr: \$ 233,700			
API Well No: 43-015-30509									
District: MCBU		Rig: Key Energy # 906		Rep Phone: 307/799-7201		WO Rep: N.G Merkley			
Field: Buzzard Bench		Lease: STATE OF UTAH 11		Well #: 36-95		Date: 28-Aug-02			



021

T195 ROYE SI -36  
43-015-30509

CONFIDENTIAL

STATE OF UTAH 36-95

Daily Completion / WO Report Version 1.8.1

Start Date: 08/28/2002	Actual Days: 3	Auth. Days:	TD: 3,995'	PBD: 3,906'
Job Description: NEW WELL COMPLETION			KB Correction: 11'	

Fluid Type: 2% KCL		Weight: 8.4			
Prod. Casing Size: 5 1/2	WT: 17	Grade: P-110	Set @ MD: 3,953'		
Liner OD:	WT:	Grade:	Top @MD:		
Tubing OD	Wt.	Grade	Threads	Depth	Details
Packer @	Packer Make & Model		Perfs From: 3788-3798	To: UJG 4 SPF	Details
			3764-3768, 3749-3751, 3740-43'		
			3704-3709, 3668-3677		

Fish Top: Details:

Hrs. From:	To:	Operations Covering 24 Hours - Ending at Midnight (24:00 hrs)
09:00	09:30	SAFETY MEETING & TEST PUMP LINES TO 5000 PSI
09:30	10:00	BREAK FORM. DOWN W/1850 PSI. SAND FRAC LOWER FERRON COAL WITH A RAMP OF 0.25-6 PPG SAND
		AVERAGE RATE=53 BPM @2500 PSI. MAX RATE=57.8 BPM @ 4200 PSI. FINAL RATE=57.8 BPM @ 1490 PSI
		ISIP=730 PSI & 15 MIN SIP= 20 PSI TOTAL SAND PUMPED= 55,000#
10:00	11:00	SET TBG. RET. BRIDGE PLUG @ 3785' TEST TO 3500 PSI
11:00	11:45	PERF. MIDDLE FERRON COAL INTERVALS @ 3764-3768, 3749-3751, 3740-3743' WITH U.J.Gs 4 SPF
11:45	12:30	BREAK DOWN FORM. WITH 1731 PSI. SAND FRAC WITH A RAMP OF 0.25 - 6 PPG SAND.
		AV. RATE=36.5 BPM @ 2000 PSI, MAX RATE= 38.8 BPM @ 4250 PSI. FINAL RATE= 38.8 BPM @ 2302 PSI
		ISIP=1245 PSI, 15 MIN SIP = 833 PSI, TOTAL SAND PUMPED = 45,000 #
12:30	13:30	SET TBG RETRIEVE BRIDGE PLUG @ 3725' TEST TO 3500 PSI
13:30	14:15	PERF. UPPER FERRON COAL INTERVALS @ 3704-3709', 3668-3677' WITH U.J.Gs 4 SPF
14:15	15:00	BREAK FORM DOWN WITH 1889 PSI. SAND FRAC WITH A RAMP OF 0.25 - 6 PPG SAND
		AVERAGE RATE= 36.5 BPM @ 2700 PSI, MAX RATE = 38.8 BPM @ 4150 PSI, FINAL RATE = 54.3 BPM @ 2336 BPM
		ISIP = 1436 PSI. 15 MIN. SIP = 755 PSI. TOTAL SAND PUMPED = 70,700 #
15:00	17:00	RDMO
State of Utah "11" 36-95, from texaco station in huntington, god south on hwy 10 6.1 miles, turn right on hwy 29, go 2.6 miles west, turn right on emery county land fill road, go 6.4 miles turn right, .4 miles to location (39 deg 18.433'N - 111 deg 05.082'W)		

SAFETY MEETINGS HELD:	3	OSHA MAN HRS:	RIG:	OTHERS:	226	TOTAL:	226
CUMULATIVE SAFETY HOURS:	Mtg 5	RIG:	-	TOTAL:	241	TOTAL:	241
Fluid Lost To Formation	Daily:	Cumulative:					
Hours Charged To:	Contractor:	Chevron:	Other:	Total:	0		

G&A:	H <sub>2</sub> S:	Accidents:	NR	Chevron %:	-		
Daily Intangible Cost:	\$107,564	Daily Tang. Cost:	\$0	Daily Comp Cost:	\$107,564	WBS Element No. (Capital)	UWDCB-D2031-COM
Cum Intangible Cost:	\$117,185	Cum Tang Cost:	\$6,125	Cum Comp Cost:	\$123,310	WBS Element No. (Exp)	
Previous Comp Cst\$		Final Drilling Cost		Cum Well Cost:		Total Appr:	\$ 233,700
						API Well No:	43-015-30509
District:	MCBU	Rig:	Key Energy # 906	Rep Phone:	915 647 1020	WO Rep:	Lee Vaughan
Field:	Buzzard Bench	Lease:	STATE OF UTAH 11	Well #:	36-95	Date:	23-Oct-02



TIPS ROPE SEC-36  
43-015-30509

CONFIDENTIAL

023

FI

STATE OF UTAH \*\* 36-95

Daily Completion / WO Report Version 1.8.1

Start Date: 08/28/2002		Actual Days: 4		Auth. Days:		TD: 3,995'		PBTD: 3,906'		
Job Description: NEW WELL COMPLETION						KB Correction: 11'				
Fluid Type: 2% KCL						Weight: 8.4				
Prod. Casing Size: 5 1/2		WT: 17		Grade: P-110		Set @ MD: 3,953'		Cmt. Top @		
Liner OD:		WT:		Grade:		Set@ MD:		Top @MD:		
Tubing OD	Wt.	Grade	Threads	Depth	Details					
2 7/8"	6.5#	J 55	8rd							
Wire-line set tbg retrieve bridge plugs at 3725' and 3785'										
Packer @		Packer Make & Model			Perfs From:		To:		Details	
					3788-3798		UJG 4 SPF			
					3764-3768,3749-3751,3740-43'					
					3704-3709 , 3668-3677					
Fish Top: Details:										
Hrs. From: To: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs)										
07:00	07:30	Safety meeting: 4 pts tif.								
		SIWP: 0 psi								
07:30	09:00	Rig up.								
09:00	10:00	N/D frac valve, N/U 7 1/16" 5m bope. Test rams 250 psi low / 3500 psi high good.								
10:00	12:30	P/U retrieving head, tally and pick-up 2 7/8" tbg. Tag up at 3625'. Clean out frac sand from 3625' to 3725'								
		circulate clean, Release plug.								
12:30	15:30	Tooh, lay down plug. Tih w/ retrieving head tag up at 3745'. Clean out frac sand from 3745' to 3785' top								
		of plug. Circulate clean , release plug.Tooh lay down plug.								
15:30	17:30	Tih w/ pinned notched collar, 1 jt 2 7/8" tbg, psn, 2 7/8" tbg, tag up at 3850' clean out frac sand								
		from 3850' to 3883' pbtd. Circulate clean. Pull end of tbg to 3870' Drain pump and lines.								
		Secure well for night.								
State of utah "11" 36-95, from texaco station in huntington, god south on hwy 10 6.1 miles, turn right on hwy 29, go 2.6 miles west, turn										
right on emery county land fill road, go 6.4 miles turn right, .4 miles to location (39 deg 18.433'N - 111 deg 05.082'W)										
SAFETY MEETINGS HELD:		1		OSHA MAN HRS:		RIG: 53		OTHERS: 43		TOTAL: 96
CUMULATIVE SAFETY HOURS:		Mtg 6		RIG: 53		284		TOTAL: 337		
Fluid Lost To Formation		Daily:		Cumulative:						
Hours Charged To:		Contractor:		Chevron:		Other:		Total: 0		
Remarks: Fuel used: 73 gals										
G&A:		H2S:		Accidents:		N/R		Chevron %:		-
Daily Intangible Cost: \$16,326		Daily Tang. Cost: \$0		Daily Comp Cost: \$16,326		WBS Element No. (Capital) UWDCB-D2031-COM				
Cum Intangible Cost: \$133,511		Cum Tang Cost: \$6,125		Cum Comp Cost: \$139,636		WBS Element No. (Exp)				
Previous Comp Cst\$		Final Drilling Cost		Cum Well Cost:		Total Appr: \$ 233,700		API Well No: 43-015-30509		
District: MCBU		Rig: Key Energy # 906		Rep Phone: 435 / 828 / 6054		WO Rep: Steve Kebert				
Field: Buzzard Bench		Lease: STATE OF UTAH 11		Well #: 36-95		Date: 08-Nov-02				

# CONFIDENTIAL

## Daily Cost Estimate

Version 1.8

**Chevron**

				CAPITAL			EXPENSE		
				WBS#: UWDCB-D2031-COM			WBS #:		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum	
74400001	Rig - Workover	Key	4,218	4,218	4,218		0	0	
74400002	Rig - Footage / Turnkey			0	0		0	0	
71290100	Fuel - Diesel / Motor Fuels			0	0		0	0	
71290300	Utilities - Other (water)			0	0		0	0	
74400003	Rigup/Down			0	0		0	0	
<b>Rig Costs Total</b>				<b>4,218</b>	<b>4,218</b>		<b>0</b>	<b>0</b>	
94100900	Company Supervision	SWK	600	600	600		0	0	
70000300	Consultants			0	1,800		0	0	
<b>Supervision Total</b>				<b>600</b>	<b>2,400</b>		<b>0</b>	<b>0</b>	
74400004	Drilling Fluids			0	0		0	0	
71900500	Materials, Supply, Repair Parts			0	0		0	0	
<b>Materials Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	
73400300	Other Transportation Services	Nielsons	2,957	2,957	2,957		0	0	
74400006	Directional Survey and Service Costs			0	0		0	0	
74400007	Drill String Rentals and Bits			0	0		0	0	
72300100	Surface Equipment Rentals			4,311	18,233		0	0	
		BIG RED							
		Rain for Rent	3,411						
		ABB vetco tst tbg head							
		KNIGHT							
		GARDINER	900						
		PRO-TECH							
72300200	Subsurface Service Eq. Rentals			3,240	3,240		0	0	
		Outlaw	3,240						
74400009	Coil Tubing			0	0		0	0	
74400010	Stimulation / Gravel Pack Materie	HES		0	84,464		0	0	
74400011	Pumping Service			0	0		0	0	
74400014	Perforating & Electric Line Serv	SCHLUM PERF		0	16,999		0	0	
74400015	Slickline Services			0	0		0	0	
<b>Contract Rentals &amp; Services Total</b>				<b>10,508</b>	<b>125,893</b>		<b>0</b>	<b>0</b>	
74200300	Solid Waste Disposal			0	0		0	0	
74200600	Waste Water Disposal			0	0		0	0	
<b>Waste Disposal Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	
74400018	Testing			0	0		0	0	
74400019	Logging Wireline			0	0		0	0	
<b>Formation Evaluation Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	
71900021	Well Pipe Casing			0	0		0	0	
71900020	Well Pipe - Tubing Under 2" OD			0	0		0	0	
71900022	Well Pipe - Tubing 2" OD and over			0	0		0	0	
71900100	Well Equipment / Materials / Well	ABB Vetco well head		0	6,125		0	0	
71500100	Surface Lifting Eq. / Materials			0	0		0	0	
<b>Tangible Equipment Total</b>				<b>0</b>	<b>6,125</b>		<b>0</b>	<b>0</b>	
74400024	Cement & Cementing			0	0		0	0	
74400025	Fishing Costs			0	0		0	0	
74400013	Equipment Lost in Hole			0	0		0	0	
74500021	Site Work / Roads / Locations	Benco	1,000	1,000	1,000		0	0	
94100700	Capitalized G&A			0	0		0	0	
<b>Total Field Estimate (Daily)</b>				<b>16,326</b>			<b>0</b>		
<b>Cumulative (Previous Day)</b>									
<b>Total Estimated Cost (Incl. G&amp;A)</b>					<b>139,636</b>			<b>0</b>	
				<b>\$\$\$</b>			<b>\$\$\$</b>		
Days on Location: 4				<b>Original Appropriations</b>					
Proposed Days: 0				<b>Total Appropriated</b>			233,700		
Rig: Key Energy # 906				Prepared By: Steve Kebert					
Field: Buzzard Bench		Lease: STATE OF UTAH 11		Well No.: 36-95		Date THRU: 11/08/2002			

T195 ROPE SEC-36  
43-015-30509

CONFIDENTIAL

024

STATE OF UTAH <sup>IT</sup> 36-95 Daily Completion / WO Report Version 1.8.1

Start Date:	08/28/2002	Actual Days:	5	Auth. Days:		TD:	3,995'	PBTD:	3,883'	
Job Description:	NEW WELL COMPLETION					KB Correction:	11'			
Fluid Type:	2% KCL			Weight:	8.4					
Prod. Casing Size:	5 1/2	WT:	17	Grade:	P-110		Set @ MD:	3,953'		Cmt. Top @
Liner OD:		WT:		Grade:		Set@ MD:		Top @MD:		
Tubing OD	Wt.	Grade	Threads	Depth	Details					
2 7/8"	6.5#	J 55	8rd							
Wire-line set tbg retrieve bridge plugs at 3725' and 3785'										
Packer @	Packer Make & Model			Perfs From:	To:	Details				
				3788-3798		UJG 4 SPF				
				3764-3768,3749-3751,3740-43'						
				3704-3709 , 3668-3677						
Fish Top:	Details:									
Hrs. From:	To:	Operations Covering 24 Hours - Ending at Midnight (24:00 hrs)								
07:00	07:30	Safety Meeting: 4 pts tif.								
		SITP: 0 psi SICP: 0 psi / End of tbg at 3870'								
07:30	09:30	R.U. Pls, run a tracer log from 3870' to 3362'. Made 2 passes, down-load data. Data good.								
		R.D. Pls.								
09:30	12:00	R.U. swab, initial fluid level at 1600'. Made 7 swab runs, recovered 50 bbls 2% kcl water , trace gas each run. Final fluid level 1900' on the 8th swab run, pulling no load. Lay down lubricator, found nut had backed off on rope socket swivel leaving swab in hole.								
12:00	14:30	Tooh w/ tbg recovering swab. Tih w/ 2 7/8" pinned notched collar, 1 jt 2 7/8" tbg, psn, 2 7/8" tbg tag up at 3883' pbsd. No -fill. Pull end of tbg to 3870'								
14:30	16:00	R.U. swab, initial fluid level at 1900' made 7 swab runs, recovered 50 bbls 2% kcl water ( total swabbed 100 bbls ) trace gas each run, final fluid level 1900' Rig down swab equipment.								
		Drain pump and lines.								
		Secure well.								
		No activity Sunday the 10th ---Rig crew day off.								
State of utah "11" 36-95, from texaco station in huntington, god south on hwy 10 6.1 miles, turn right on hwy 29, go 2.6 miles west, turn right on emery county land fill road, go 6.4 miles turn right, .4 miles to location (39 deg 18.433'N - 111 deg 05.082'W)										

<b>SAFETY MEETINGS HELD:</b>	1	<b>OSHA MAN HRS:</b>		<b>RIG:</b>	45	<b>OTHERS:</b>	27	<b>TOTAL:</b>	72	
<b>CUMULATIVE SAFETY HOURS:</b>	Mtg 7			<b>RIG:</b>	98		311	<b>TOTAL:</b>	409	
Fluid Lost To Formation	Daily:	Cumulative:								
Hours Charged To:	Contractor:	Chevron:	Other:	Total:						0
Remarks:	Fuel used: 60 gals.									
Incident time:	2.5 hrs.									
G&A:	H2S:	Accidents:	N/R	Chevron %:						-
Daily Intangible Cost:	\$12,615	Daily Tang. Cost:	\$0	Daily Comp Cost:	\$12,615	WBS Element No. (Capital) UWDCB-D2031-COM				
Cum Intangible Cost:	\$146,126	Cum Tang Cost:	\$6,125	Cum Comp Cost:	\$152,251	WBS Element No. (Exp)				
Previous Comp Cst\$		Final Drilling Cost		Cum Well Cost:		Total Appr:	\$	233,700		
				API Well No:	43-015-30509					
District:	MCBU	Rig:	Key Energy # 906	Rep Phone:	435 / 828 / 6054	WO Rep:	Steve Kebert			
Field:	Buzzard Bench	Lease:	STATE OF UTAH 11	Well #:	36-95	Date:	09-Nov-02			





**Daily Cost Estimate** Version 1.8

**Chevron**

CAPITAL		EXPENSE	
WBS#:	UWDCB-D2031-COM	WBS #:	

Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Workover	Key	3,530	3,530	11,671		0	0
74400002	Rig - Footage / Turnkey			0	0		0	0
71290100	Fuel - Diesel / Motor Fuels			0	0		0	0
71290300	Utilities - Other (water)			0	0		0	0
74400003	Rigup/Down			0	0		0	0
<b>Rig Costs Total</b>				<b>3,530</b>	<b>11,671</b>		<b>0</b>	<b>0</b>
94100900	Company Supervision	SWK	600	600	1,800		0	0
70000300	Consultants			0	1,800		0	0
<b>Supervision Total</b>				<b>600</b>	<b>3,600</b>		<b>0</b>	<b>0</b>
74400004	Drilling Fluids			0	0		0	0
71900500	Materials, Supply, Repair Parts			0	0		0	0
<b>Materials Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services	Nielsons	800	800	4,357		0	0
74400006	Directional Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surface Equipment Rentals			7,300	27,033		0	0
		BIG RED						
		Rain for Rent						
		ABB vetco tst tbg head						
		KNIGHT	2,400					
		CDI	3,400					
		GARDINER	1,500					
		PRO-TECH						
72300200	Subsurface Service Eq. Rentals			0	3,240		0	0
		Outlaw						
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Material	HES		0	84,464		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Service	SCHLUM PERF		0	16,999		0	0
74400015	Slickline Services	PLS		0	1,681		0	0
<b>Contract Rentals &amp; Services Total</b>				<b>8,100</b>	<b>137,774</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
<b>Waste Disposal Total</b>				<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400018	Testing			0	0		0	0
74400019	Logging Wireline	Pro-techniques		0	4,311		0	0
<b>Formation Evaluation Total</b>				<b>0</b>	<b>4,311</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe Casing			0	0		0	0
71900020	Well Pipe - Tubing Under 2" OD			0	0		0	0
71900022	Well Pipe - Tubing 2" OD and over 3808' at #3.15/ft		12,000	12,000	12,000		0	0
71900100	Well Equipment / Materials / Well ABB Vetco well head			0	6,125		0	0
71500100	Surface Lifting Eq. / Materials	Rods	6,700	6,700	6,700		0	0
<b>Tangible Equipment Total</b>				<b>18,700</b>	<b>24,825</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing			0	0		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	Benco		0	1,000		0	0
94100700	Capitalized G&A			0	0		0	0
<b>Total Field Estimate (Daily)</b>				<b>30,930</b>			<b>0</b>	
<b>Cumulative (Previous Day)</b>								
<b>Total Estimated Cost (Incl. G&amp;A)</b>					<b>183,181</b>			<b>0</b>
					<b>\$\$\$</b>			<b>\$\$\$</b>

Days on Location:	6
Proposed Days:	0

<b>Original Appropriations</b>	
<b>Total Appropriated</b>	233,700

Rig: Key Energy # 906	Prepared By: Steve Kebert
Field: Buzzard Bench	Date THRU: 11/11/2002
Lease: STATE OF UTAH 11	Well No.: 36-95



026

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CONFIDENTIAL

DEC 24 2002

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

DIV. OF OIL, GAS & MINING

AMENDED REPORT  FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-45567

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

7. UNIT or CA AGREEMENT NAME  
N/A

8. WELL NAME and NUMBER:  
STATE OF UTAH "II" 36-95

2. NAME OF OPERATOR:  
ChevronTexaco

9. API NUMBER:  
4301530509

3. ADDRESS OF OPERATOR:  
11111 Wilcrest CITY Houston STATE TX ZIP 77099

PHONE NUMBER:  
(281) 561-4894

10. FIELD AND POOL, OR WILDCAT  
BUZZARD BENCH

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 2022' FNL, 2130' FEL (Loc. CHB-8-5-02)  
0391 FNL 1926 FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME  
AT TOTAL DEPTH: SAME

CONFIDENTIAL PERIOD EXPIRED ON 12-11-03

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWNE 36 17S 7E

12. COUNTY EMERY 13. STATE UTAH

14. DATE SPUDDED: 8/12/2002 15. DATE T.D. REACHED: 8/15/2002 16. DATE COMPLETED: 11/11/2002

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
GR:7065.7 KB:7075.7

18. TOTAL DEPTH: MD 3,972 TVD 3,972 19. PLUG BACK T.D.: MD 3,883 TVD 3,883

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
ARRAY IND/GR, COMPENSATED NEUTRON TRIPLE DETECTOR DENSITY, CEMENT BOND 9-13-02

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4	8 5/8 K55	24		325		G 225		CIR	
7 7/8	5 1/2 P110	17		3,953		RFC 150		3375 CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	3,821							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) UPPER COAL	3,668	3,709		
(B) MIDDLE COAL	3,740	3,768		
(C) LOWER COAL	3,788	3,798		
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
3,668 3,709	.45	56	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
3,740 3,768	.45	36	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
3,788 <del>3,798</del>	.45	40	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
3798			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3668-3709	Pump 33,441 gal Delta Frac 140 w/70,700# 20/40 sd 1-6 ppq, 500 gal acid ahead
3740-3768	Pump 25,962 gal Delta Frac 140 w/45,000# 20/40 sd 1-6 ppq, 300 gal acid ahead
3788-3798	Pump 31,437 gal Delta Frac 140 w/55,000# 20/40 sd 1-6 ppq, 300 gal acid ahead

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: <b>12/5/2002</b>		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF: <b>43</b>	WATER - BBL: <b>225</b>	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

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

**INTERVAL C (As shown in item #26)**

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

**INTERVAL D (As shown in item #26)**

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

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

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MANCOS SHALE FERRON SAND TOP COAL	0 3.521 3.668

**35. ADDITIONAL REMARKS (include plugging procedure)**

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

NAME (PLEASE PRINT) Ian Kephart

TITLE Petroleum Engineer (Not TX Board Registered)

SIGNATURE 

DATE 12/17/2002

This report must be submitted within 30 days of

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

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

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

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

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

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

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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Various Leases
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC. <i>N2615</i>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 2700 Farmington Bldg K, Sul CITY Farmington STATE NM ZIP 87401		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: _____ COUNTY: <b>Emery</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		<b>8. WELL NAME and NUMBER:</b> See attached list
		<b>9. API NUMBER:</b> Multiple
		<b>10. FIELD AND POOL, OR WILDCAT:</b> Buzzard Bench

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

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

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

Effective August 1, 2004, the operator changed from Chevron U.S.A. Inc. to XTO ENERGY INC. for all wells on the attached list.

BLM #579173

State and Fee Bond #104312762

*Kenneth W. Jackson*

Kenneth W. Jackson Regulatory Specialist ChevronTexaco for Chevron U.S.A. Inc. *N0210*

NAME (PLEASE PRINT) <i>James L. Death</i>	TITLE <i>Vice President - Land</i>
SIGNATURE <i>James L. Death</i>	DATE <i>8/16/04</i>

(This space for State use only)

**APPROVED** *9/30/2004*

*Earlene Russell*

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

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

API Well Number	Well Name	Well Type	County Name	Qtr/Qtr	Section	Twn-Rng
43-015-30242-00-00	L M LEMMON 10-1	Gas Well	EMERY	SESE	10	17S-8E
43-015-30243-00-00	FEDERAL B21-3	Gas Well	EMERY	NESW	21	19S-7E
43-015-30244-00-00	FEDERAL A26-2	Gas Well	EMERY	SESW	26	18S-7E
43-015-30245-00-00	FEDERAL C23-8	Gas Well	EMERY	NENW	23	18S-7E
43-015-30246-00-00	FEDERAL A26-4	Gas Well	EMERY	SWSE	26	18S-7E
43-015-30247-00-00	FEDERAL A35-6	Gas Well	EMERY	NWNW	35	18S-7E
43-015-30248-00-00	FEDERAL A35-5	Gas Well	EMERY	NWNE	35	18S-7E
43-015-30249-00-00	FEDERAL A34-7	Gas Well	EMERY	NENE	34	18S-7E
43-015-30258-00-00	UTAH FED P 10-47	Gas Well	EMERY	NWNW	10	18S-7E
43-015-30259-00-00	A L JENSEN 27-9	Gas Well	EMERY	SESE	27	21S-6E
43-015-30268-00-00	ST OF UT T 36-10	Gas Well	EMERY	SWNE	36	16S-7E
43-015-30270-00-00	ST OF UT U 2-11	Gas Well	EMERY	NWNW	2	18S-7E
43-015-30272-00-00	SWD 1	Water Disposal Well	EMERY	SWNW	24	18S-7E
43-015-30274-00-00	UTAH FED S 8-46	Gas Well	EMERY	SESW	8	18S-7E
43-015-30275-00-00	UTAH FED R 9-45	Gas Well	EMERY	NWNE	9	18S-7E
43-015-30276-00-00	UTAH FED P 10-42	Gas Well	EMERY	NWNE	10	18S-7E
43-015-30277-00-00	UTAH FED P 10-43	Gas Well	EMERY	NWSE	10	18S-7E
43-015-30280-00-00	UTAH FED Q 4-44	Gas Well	EMERY	SESE	4	18S-7E
43-015-30282-00-00	UTAH FED D 34-12	Gas Well	EMERY	SESE	34	17S-7E
43-015-30285-00-00	UTAH FED D 35-13	Gas Well	EMERY	SWSW	35	17S-7E
43-015-30286-00-00	UTAH FED D 35-14	Gas Well	EMERY	NWNW	35	17S-7E
43-015-30287-00-00	UTAH FED D 35-15	Gas Well	EMERY	SWSE	35	17S-7E
43-015-30292-00-00	UTAH FED M 6-25	Gas Well	EMERY	SENE	6	17S-8E
43-015-30294-00-00	UTAH FED H 6-21	Gas Well	EMERY	SESW	6	20S-7E
43-015-30303-00-00	SWD 3	Water Disposal Well	EMERY	SENE	11	18S-7E
43-015-30306-00-00	ST OF UT U 2-48	Gas Well	EMERY	NWNE	2	18S-7E
43-015-30308-00-00	ST OF UT U 2-50	Gas Well	EMERY	NESW	2	18S-7E
43-015-30309-00-00	ST OF UT U 2-49	Gas Well	EMERY	NWSE	2	18S-7E
43-015-30310-00-00	L & M CURTIS 10-58	Gas Well	EMERY	SWSW	10	18S-7E
43-015-30311-00-00	ST OF UT X 16-66	Gas Well	EMERY	SENE	16	18S-7E
43-015-30312-00-00	ST OF UT X 16-65	Gas Well	EMERY	NWNE	16	18S-7E
43-015-30313-00-00	U P & L 14-53	Gas Well	EMERY	SESE	14	18S-7E
43-015-30314-00-00	U P & L 14-55	Gas Well	EMERY	NWNW	14	18S-7E
43-015-30315-00-00	U P & L 23-51	Gas Well	EMERY	SENE	23	18S-7E
43-015-30316-00-00	U P & L 24-57	Gas Well	EMERY	NWNW	24	18S-7E
43-015-30318-00-00	D & A JONES 15-68	Gas Well	EMERY	NENW	15	18S-7E
43-015-30319-00-00	D&D CURTIS 14-54	Gas Well	EMERY	SENE	14	18S-7E
43-015-30320-00-00	P & K PEACOCK 8-62	Gas Well	EMERY	SWNE	8	18S-7E
43-015-30321-00-00	PEACOCK TRUST 9-60	Gas Well	EMERY	NWSW	9	18S-7E
43-015-30323-00-00	SWD 2	Water Disposal Well	EMERY	NWNW	14	18S-7E
43-015-30324-00-00	R G NORRIS 14-40	Gas Well	EMERY	NESW	14	18S-7E
43-015-30325-00-00	L & M CURTIS 15-67	Gas Well	EMERY	NENE	15	18S-7E
43-015-30326-00-00	PEACOCK TRUST 8-61	Gas Well	EMERY	NESE	8	18S-7E
43-015-30327-00-00	PEACOCK 7-64	Gas Well	EMERY	NENE	7	18S-7E
43-015-30328-00-00	PEACOCK TRUST 8-63	Gas Well	EMERY	SENE	8	18S-7E
43-015-30329-00-00	D & A JONES 9-59	Gas Well	EMERY	SESE	9	18S-7E
43-015-30381-00-00	UTAH STATE 1-76	Gas Well	EMERY	NWNW	1	18S-7E
43-015-30382-00-00	UTAH STATE 36-78	Gas Well	EMERY	SWSW	36	17S-7E
43-015-30383-00-00	USA 3-74	Gas Well	EMERY	SESE	3	18S-7E
43-015-30384-00-00	USA 3-75	Gas Well	EMERY	NENE	3	18S-7E
43-015-30385-00-00	USA 11-70	Gas Well	EMERY	SWSE	11	18S-7E
43-015-30386-00-00	USA 11-71	Gas Well	EMERY	SWNE	11	18S-7E
43-015-30387-00-00	USA 11-72	Gas Well	EMERY	NWNW	11	18S-7E
43-015-30388-00-00	USA 11-73	Gas Well	EMERY	NWSW	11	18S-7E
43-015-30389-00-00	USA 34-80	Gas Well	EMERY	SENE	34	17S-7E
43-015-30390-00-00	USA 34-82	Gas Well	EMERY	SESW	34	17S-7E
43-015-30393-00-00	ST OF UT EE 06-138	Gas Well	EMERY	NENW	6	17S-9E
43-015-30396-00-00	ST OF UT AA 07-106	Gas Well	EMERY	NWNE	7	17S-8E
43-015-30437-00-00	ST OF UT BB 09-119	Gas Well	EMERY	SESW	9	17S-8E
43-015-30438-00-00	ST OF UT CC 10-124	Gas Well	EMERY	SENE	10	17S-8E
43-015-30439-00-00	ST OF UT DD 31-98	Gas Well	EMERY	NWSW	31	17S-8E
43-015-30440-00-00	FEDERAL T 27-85	Gas Well	EMERY	SENE	27	18S-7E
43-015-30441-00-00	UP&L 06-102	Gas Well	EMERY	NENW	6	17S-8E
43-015-30442-00-00	UP&L 06-104	Gas Well	EMERY	NESE	6	17S-8E
43-015-30443-00-00	WM S IVIE ET AL 09-118	Gas Well	EMERY	SWNE	9	17S-8E

API Well Number	Well Name	Well Type	County Name	Qtr/Qtr	Section	Twn-Rng
43-015-30444-00-00	ST OF UT BB 09-120	Gas Well	EMERY	NESE	9	17S-8E
43-015-30445-00-00	FEDERAL A 26-88	Gas Well	EMERY	SWNW	26	18S-7E
43-015-30446-00-00	FEDERAL A 35-89	Gas Well	EMERY	NWSW	35	18S-7E
43-015-30447-00-00	FEDERAL C 23-84	Gas Well	EMERY	NESW	23	18S-7E
43-015-30448-00-00	FEDERAL P 3-92	Gas Well	EMERY	SESW	3	18S-7E
43-015-30449-00-00	FEDERAL P 3-93	Gas Well	EMERY	SWNW	3	18S-7E
43-015-30450-00-00	FEDERAL T 21-94	Gas Well	EMERY	NENE	21	18S-7E
43-015-30451-00-00	FEDERAL T 22-69	Gas Well	EMERY	NENE	22	18S-7E
43-015-30452-00-00	FEDERAL T 22-83	Gas Well	EMERY	SWSE	22	18S-7E
43-015-30453-00-00	FEDERAL T 22-91	Gas Well	EMERY	NENW	22	18S-7E
43-015-30454-00-00	ST OF UT CC 10-123	Gas Well	EMERY	NWNW	10	17S-8E
43-015-30455-00-00	FEDERAL T 27-86	Gas Well	EMERY	SENE	27	18S-7E
43-015-30456-00-00	FEDERAL T 27-87	Gas Well	EMERY	SESE	27	18S-7E
43-015-30457-00-00	FEDERAL T 27-90	Gas Well	EMERY	NWSW	27	18S-7E
43-015-30458-00-00	ST OF UT FF 10-125	Gas Well	EMERY	NESW	10	17S-8E
43-015-30459-00-00	ST OF UT FF 11-129	Gas Well	EMERY	NWNW	11	17S-8E
43-015-30462-00-00	ST OF UT FF 11-130	Gas Well	EMERY	NWSW	11	17S-8E
43-015-30478-00-00	GARDNER TRUST ET AL 16-121	Gas Well	EMERY	NENE	16	17S-8E
43-015-30479-00-00	ST OF UT BB 05-107	Gas Well	EMERY	SENE	5	17S-8E
43-015-30480-00-00	ST OF UT BB 05-108	Gas Well	EMERY	NWSW	5	17S-8E
43-015-30481-00-00	ST OF UT BB 05-109	Gas Well	EMERY	SENE	5	17S-8E
43-015-30482-00-00	ST OF UT BB 05-110	Gas Well	EMERY	SWSE	5	17S-8E
43-015-30483-00-00	UP&L 06-103	Gas Well	EMERY	NESW	6	17S-8E
43-015-30484-00-00	AMERICA WEST GROUP ET AL 15-126	Gas Well	EMERY	NENW	15	17S-8E
43-015-30485-00-00	W H LEONARD ET AL 15-127	Gas Well	EMERY	NENE	15	17S-8E
43-015-30486-00-00	ROWLEY 08-111	Gas Well	EMERY	SENE	8	17S-8E
43-015-30490-00-00	SWD 4	Water Disposal Well	EMERY	SENE	15	17S-8E
43-015-30495-00-00	SEELEY 08-112	Gas Well	EMERY	NENE	8	17S-8E
43-015-30496-00-00	ST OF UT BB 08-113	Gas Well	EMERY	NWSE	8	17S-8E
43-015-30497-00-00	ST OF UT AA 07-105	Gas Well	EMERY	SWNW	7	17S-8E
43-015-30498-00-00	ST OF UT 01-97	Gas Well	EMERY	SENE	1	18S-7E
43-015-30499-00-00	ST OF UT GG 03-122	Gas Well	EMERY	SWSW	3	17S-8E
43-015-30500-00-00	ST OF UT HH 03-133	Gas Well	EMERY	SWSE	3	17S-8E
43-015-30501-00-00	SEELEY FARMS 09-117	Gas Well	EMERY	NWNW	9	17S-8E
43-015-30502-00-00	ST OF UT GG 15-128	Gas Well	EMERY	NWSW	15	17S-8E
43-015-30503-00-00	ST OF UT BB 04-116	Gas Well	EMERY	SWSE	4	17S-8E
43-015-30504-00-00	ST OF UT GG 04-115	Gas Well	EMERY	NESW	4	17S-8E
43-015-30505-00-00	BURNSIDE 14-132	Gas Well	EMERY	NWNE	14	17S-8E
43-015-30506-00-00	ST OF UT T 36-100	Gas Well	EMERY	NESE	36	16S-7E
43-015-30507-00-00	UT FED KK 01-140	Gas Well	EMERY	SENE	1	17S-7E
43-015-30508-00-00	ST OF UT II 36-96	Gas Well	EMERY	NWSE	36	17S-7E
43-015-30509-00-00	ST OF UT II 36-95	Gas Well	EMERY	NWNE	36	17S-7E
43-015-30510-00-00	SWD 5	Water Disposal Well	EMERY	SESE	23	17S-8E
43-015-30511-00-00	UP&L FED 01-101	Gas Well	EMERY	SENE	1	17S-7E
43-015-30520-00-00	ST OF UT SS 22-165	Gas Well	EMERY	NENE	22	17S-8E
43-015-30521-00-00	ZIONS FED 35-135R (RIG SKID)	Gas Well	EMERY	NESW	35	16S-7E
43-015-30528-00-00	ST OF UT 14-170	Gas Well	EMERY	SWSE	14	17S-8E
43-015-30529-00-00	CONOVER 14-171	Gas Well	EMERY	NWSW	14	17S-8E
43-015-30530-00-00	ST OF UT 36-139	Gas Well	EMERY	NWSW	36	16S-7E
43-015-30533-00-00	ST OF UT FO 02-186	Gas Well	EMERY	NENW	2	17S-8E
43-015-30549-00-00	ST OF UT JJ 03-160	Gas Well	EMERY	NWNW	3	17S-8E
43-015-30550-00-00	ST OF UT 36-138	Gas Well	EMERY	SWNW	36	16S-7E
43-015-30551-00-00	UT FED P 12-153	Gas Well	EMERY	NWNW	12	18S-7E
43-015-30552-00-00	ST OF UT CC 03-161	Gas Well	EMERY	SENE	3	17S-8E
43-015-30553-00-00	ST OF UT FO 02-188	Gas Well	EMERY	NWSW	2	17S-8E
43-015-30554-00-00	ST OF UT BB 04-158	Gas Well	EMERY	NENW	4	17S-8E
43-015-30555-00-00	ST OF UT BB 04-159	Gas Well	EMERY	SWNE	4	17S-8E
43-015-30556-00-00	MALONE 14-131	Gas Well	EMERY	SWNW	14	17S-8E
43-015-30559-00-00	UT FED KK 01-141	Gas Well	EMERY	SESE	1	17S-7E
43-015-30560-00-00	ST OF UT FO 02-189	Gas Well	EMERY	SWNE	2	17S-8E
43-015-30561-00-00	ST OF UT GG 15-184	Gas Well	EMERY	NWSE	15	17S-8E
43-015-30562-00-00	STATE OF UTAH "LL" 31-20	Gas Well	EMERY	NWNW	31	17S-8E
43-015-30566-00-00	ST OF UT "KK" 32-145	Gas Well	EMERY	NESE	32	16S-8E
43-015-30567-00-00	ST OF UT "KK" 32-144	Gas Well	EMERY	SWSW	32	16S-8E
43-015-30568-00-00	ST OF UT "AA" 18-153	Gas Well	EMERY	SESW	18	17S-8E

API Well Number	Well Name	Well Type	County Name	Qtr/Qtr	Section	TwN-Rng
43-015-30569-00-00	ST OF UT "AA" 07-146	Gas Well	EMERY	NESW	7	17S-8E
43-015-30570-00-00	ST OF UT "AA" 18-154	Gas Well	EMERY	NESE	18	17S-8E
43-015-30571-00-00	ST OF UT "AA" 17-156	Gas Well	EMERY	SWSE	17	17S-8E
43-015-30572-00-00	ST OF UT "AA" 18-149	Gas Well	EMERY	SESW	18	17S-8E
43-015-30573-00-00	ST OF UT "MM" 20-192	Gas Well	EMERY	SESW	20	17S-8E
43-015-30574-00-00	ST OF UT "MM" 20-193	Gas Well	EMERY	NENE	20	17S-8E
43-015-30575-00-00	ST OF UT MM 20-194	Gas Well	EMERY	NWSW	20	17S-8E
43-015-30576-00-00	ST OF UT AA 07-147	Gas Well	EMERY	SESE	7	17S-8E
43-015-30577-00-00	ST OF UT BB 08-148	Gas Well	EMERY	NWSW	8	17S-8E
43-015-30578-00-00	ST OF UT AA 18-150	Gas Well	EMERY	NWNE	18	17S-8E
43-015-30579-00-00	ST OF UT NN 19-157	Gas Well	EMERY	NENE	19	17S-8E
43-015-30580-00-00	ST OF UT AA 17-152	Gas Well	EMERY	NENE	17	17S-8E
43-015-30581-00-00	ST OF UT OO 16-190	Gas Well	EMERY	NESW	16	17S-8E
43-015-30582-00-00	ST OF UT PP 16-191	Gas Well	EMERY	NESE	16	17S-8E
43-015-30583-00-00	ST OF UT AA 17-151	Gas Well	EMERY	NENW	17	17S-8E
43-015-30585-00-00	ST OF UT MM 21-195	Gas Well	EMERY	NENW	21	17S-8E
43-015-30586-00-00	ST OF UT GG 21-163	Gas Well	EMERY	NENE	21	17S-8E
43-015-30587-00-00	ZIONS FED 35-137	Gas Well	EMERY	NESE	35	16S-7E
43-015-30589-00-00	UTAH FED 01-205D	Gas Well	EMERY	SESW	1	17S-7E
43-015-30590-00-00	ZIONS FED 02-134	Gas Well	EMERY	NWNW	2	17S-7E
43-015-30591-00-00	UTAH FED 12-197	Gas Well	EMERY	SENE	12	17S-7E
43-015-30592-00-00	ST OF UT QQ 31-201	Gas Well	EMERY	SESW	31	16S-8E
43-015-30593-00-00	ST OF UT AA 17-155	Gas Well	EMERY	SWSW	17	17S-8E
43-015-30601-00-00	UTAH FED 12-199	Gas Well	EMERY	NESE	12	17S-7E
43-015-30602-00-00	UTAH FED 35-196	Gas Well	EMERY	NENW	35	16S-7E
43-015-30603-00-00	UTAH FED 35-136	Gas Well	EMERY	SWNE	35	16S-7E
43-015-30604-00-00	UT FED 12-200D	Gas Well	EMERY	NESE	12	17S-7E
43-015-30605-00-00	UT FED 12-198D	Gas Well	EMERY	SENE	12	17S-7E
43-015-30606-00-00	ST OF UT QQ 31-204D	Gas Well	EMERY	SESW	31	16S-8E
43-015-30607-00-00	ST OF UT QQ 31-203D	Gas Well	EMERY	SESW	31	16S-8E
43-015-30608-00-00	ST OF UT QQ 31-202D	Gas Well	EMERY	SESW	31	16S-8E
43-015-30609-00-00	ST OF UT HH 23-166	Gas Well	EMERY	NENW	23	17S-8E

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

027

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

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

**8/1/2004**

**FROM:** (Old Operator):  
 N0210-Chevron USA, Inc  
 11111 S Wilcrest  
 Houston, TX 77099  
 Phone: 1-(281) 561-4991

**TO:** ( New Operator):  
 N2615-XTO Energy Inc  
 2700 Farmington Ave, Bldg K Suite 1  
 Farmington, NM 87401  
 Phone: 1-(505) 324-1090

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
ST OF UT QQ 31-201	31	160S	080E	4301530592	13823	State	GW	P	C
ST OF UT QQ 31-204D	31	160S	080E	4301530606	13824	State	GW	TA	
ST OF UT QQ 31-203D	31	160S	080E	4301530607	13825	State	GW	TA	
ST OF UT QQ 31-202D	31	160S	080E	4301530608	13812	State	GW	TA	
ST OF UT "KK" 32-144	32	160S	080E	4301530567	13829	State	GW	TA	
UTAH STATE 36-78	36	170S	070E	4301530382	13211	State	GW	P	
ST OF UT II 36-96	36	170S	070E	4301530508	13591	State	GW	P	
ST OF UT II 36-95	36	170S	070E	4301530509	13573	State	GW	P	
ST OF UT "AA" 07-146	07	170S	080E	4301530569	13826	State	GW	P	
ST OF UT SS 22-165	22	170S	080E	4301530520	14237	State	GW	DRL	C
STATE OF UTAH "LL" 31-20	31	170S	080E	4301530562		State	GW	NEW	C
UTAH STATE 1-76	01	180S	070E	4301530381	12820	State	GW	P	
ST OF UT 01-97	01	180S	070E	4301530498	13578	State	GW	P	
ST OF UT U 2-49	02	180S	070E	4301530309	12146	State	GW	S	
ST OF UT X 16-66	16	180S	070E	4301530311	12204	State	GW	P	
ST OF UT X 16-65	16	180S	070E	4301530312	12203	State	GW	TA	

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**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/28/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/28/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/19/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5655506-0143
- If **NO**, the operator was contacted on:
- a. (R649-9-2)Waste Management Plan has been received on: to follow
- b. Inspections of LA PA state/fee well sites complete on: being worked

16

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

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

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

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/28/2004

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 9/30/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/30/2004
3. Bond information entered in RBDMS on: 9/30/2004
4. Fee/State wells attached to bond in RBDMS on: 9/30/2004
5. Injection Projects to new operator in RBDMS on: 9/30/2004
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/28/2004

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 579173

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 104312762

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

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/5/2004

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

4301530509

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER: **UTU-73965**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: **LM LEMMON #10-01**

9. API NUMBER: **Various (see attached)**

10. FIELD AND POOL, OR WILDCAT: **FERRON SANDSTONE**

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR: **XTO ENERGY INC.**

3. ADDRESS OF OPERATOR: **2700 Farmington, Bldg K-1 Farmington** STATE **NM** ZIP **87401** PHONE NUMBER: **(505) 324-1090**

4. LOCATION OF WELL: FOOTAGES AT SURFACE: **660' FSK & 792' FEL** COUNTY: **EMERY**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN **SESE 10 17S 08E** STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start <b>1/1/2004</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

XTO Energy Inc. acquired wells from Chevron/Texaco on August 1, 2004. Chevron/Texaco failed to file a Notice of Intent to surface commingle these wells and XTO Energy Inc. was unaware until recently that nothing had been filed. We are including with this application for surace commingle a list of the wells in Emery County and a spreadsheet showing production figures for these wells. Each well has its own meter then runs through a central delivery point where allocations are made.

XTO Energy Inc. is requesting approval for the commingle of these wells as well as off-lease measurement. As wells are drilled, additional sundries will be submitted to add to our surface commingle.

COPY SENT TO OPERATOR  
date: **6-12-07**  
Initials: **DMZ**

NAME (PLEASE PRINT) **HOLLY C. PERKINS** TITLE **REGULATORY COMPLIANCE TECH**

SIGNATURE *Holly C. Perkins* DATE **5/15/2007**

This space for State use only)

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: **5/15/07**  
BY: *[Signature]*

Federal Approval Of This Action Is Necessary

**RECEIVED**  
**MAY 18 2007**  
DIV. OF OIL, GAS & MINING

5/2000) (See instructions on Reverse Side)

### Utah Wells Surface Commingled at Huntington CDP

Well Name	API #	Status	Lease
American West Group 15-128	43-015-30484	Shut In	State
Conover 14-171	43-015-30529	Producing	State
Gardner Trust 16-121	43-015-30478	Producing	State
Lemmon LM 10-01	43-015-30242	Producing	Federal
Malone 14-131	43-015-30556	Producing	State
Rowley 08-111	43-015-30486	Producing	State
Seeley 08-112	43-015-30495	Producing	State
Seeley Farms 09-117	43-015-30501	Producing	State
State of Utah 16-8-31-12D	43-015-30608	Producing	State
State of Utah 16-8-31-32DX	43-015-30634	Producing	State
State of Utah 16-8-31-44D	43-015-30606	Producing	State
State of Utah 16-8-32-43	43-015-30566	Producing	State
State of Utah 17-8-15-14	43-015-30622	Producing	State
State of Utah 17-8-15-33	43-015-30561	Producing	State
State of Utah 17-8-17-32	43-015-30672	Producing	State
State of Utah 17-8-18-12	43-015-30626	Producing	State
State of Utah 17-8-18-24	43-015-30678	Producing	State
State of Utah 17-8-18-31	43-015-30671	Producing	State
State of Utah 17-8-18-43	43-015-30670	Producing	State
State of Utah 17-8-20-22	43-015-30623	Producing	State
State of Utah 17-8-21-33	43-015-30679	Producing	State
State of Utah 17-8-21-41	43-015-30631	Producing	State
State of Utah 17-8-22-14	43-015-30676	Producing	State
State of Utah 17-8-22-21	43-015-30624	Producing	State
State of Utah 17-8-28-12X	43-015-30699	Producing	State
State of Utah 17-8-3-11X	43-015-30635	Producing	State
State of Utah 17-8-4-21	43-015-30620	Producing	State
State of Utah 17-8-5-42R	43-015-30686	Producing	State
State of Utah 17-8-7-34	43-015-30621	Producing	State
State of Utah 17-8-8-14	43-015-30673	Producing	State
State of Utah 36-138	43-015-30550	Producing	State
State of Utah 36-139	43-015-30530	Producing	State
State of Utah AA 07-105	43-015-30497	Producing	State
State of Utah AA 07-106	43-015-30396	Producing	State
State of Utah AA 07-146	43-015-30569	Producing	State
State of Utah BB 04-116	43-015-30503	Producing	State
State of Utah BB 05-107	43-015-30479	Producing	State
State of Utah BB 05-108	43-015-30480	Producing	State
State of Utah BB 05-109	43-015-30481	P&A	State
State of Utah BB 05-110	43-015-30482	Producing	State
State of Utah BB 08-113	43-015-30496	Shut In	State
State of Utah BB 09-119	43-015-30437	Producing	State
State of Utah BB 09-120	43-015-30444	Producing	State
State of Utah CC 03-161	43-015-30552	Producing	State
State of Utah CC 10-123	43-015-30454	Producing	State
State of Utah CC 10-124	43-015-30438	Producing	State
State of Utah FF 10-125	43-015-30458	Producing	State
State of Utah FF 11-129	43-015-30459	Producing	State
State of Utah FF 11-130	43-015-30462	Shut In	State

### Utah Wells Surface Commingled at Huntington CDP

State of Utah FO 02-186	43-015-30533	Producing	State
State of Utah FO 02-188	43-015-30553	Producing	State
State of Utah GG 03-122	43-015-30499	Producing	State
State of Utah GG 04-115	43-015-30504	Producing	State
State of Utah HH 03-133	43-015-30500	Producing	State
State of Utah II 36-95	43-015-30509	Producing	State
State of Utah II 36-96	43-01530508	Shut In	State
State of Utah KK 32-144	43-015-30567	Producing	State
State of Utah QQ 31-201	43-015-30592	Producing	State
State of Utah SS 22-165	43-015-30520	Producing	State
State of Utah T 36-10	43-015-30268	Producing	State
State of Utah T 36-100	43-015-30506	Producing	State
UP&L 06-102	43-015-30441	Producing	State
UP&L 06-103	43-015-30483	Producing	State
UP&L 06-104	43-015-30442	Producing	State
UP&L Federal 01-101	43-015-30511	Producing	Federal
Utah Federal 01-205D	43-015-30589	Producing	Federal
* Utah Federal 16-7-35-21	43-015-30602	Producing	Federal
* Utah Federal 16-7-35-32	43-015-30603	Producing	Federal
* Utah Federal 17-7-12-22D	43-015-30605	Producing	Federal
Utah Federal 17-7-12-24D	43-015-30604	Producing	Federal
† Utah Federal 17-7-12-42	43-015-30591	Producing	Federal
Utah Federal 17-7-12-43	43-015-30601	Producing	Federal
Utah Federal 17-7-3-41D	43-015-30697	Producing	Federal
Utah Federal KK 01-140	43-015-30507	Producing	Federal
Utah Federal KK 01-141	43-015-30559	Producing	Federal
Utah Federal M 06-25	43-015-30292	Producing	Federal
WH Leonard 15-127	43-015-30485	Producing	State
Wm S Ivie 09-118	43-015-30443	Producing	State
Zion's Federal 35-135R	43-015-30521	Producing	Federal
* Zion's Federal 17-7-2-11	43-015-30590	Producing	Federal
Zion's Federal 35-137	43-015-30587	Producing	Federal

**Utah Wells Surface Commingled at Orangeville CDP**

Well Name	API #	Status	Lease	Notes
Curtis D&D 14-54	43-015-30319	Shut In	Federal	
Curtis L&M 10-58	43-015-30310	Shut In	Federal	
Curtis L&M 15-67	43-015-30325	Producing	Federal	
Federal A 18-7-26-12	43-015-30445	Producing	Federal	
Federal A 26-02	43-015-30244	Shut In	Federal	
Federal A 26-04	43-015-30246	Shut In	Federal	
Federal A 34-07	43-015-30249	Producing	Federal	
Federal A 35-05	43-015-30248	Producing	Federal	
Federal A 35-06	43-015-30247	Producing	Federal	
Federal A 35-89	43-015-30446	Producing	Federal	
Federal B 21-03	43-015-30243	Shut In	Federal	
Federal C 18-7-23-23R	43-015-30629	Producing	Federal	
Federal C 23-08	43-015-30245	Producing	Federal	
Federal P 03-92	43-015-30448	Producing	Federal	
Federal P 03-93	43-015-30449	Producing	Federal	
Federal T 18-07-22-34	43-015-30452	Producing	Federal	
Federal T 22-69	43-015-30451	Producing	Federal	
Federal T 27-87	43-015-30456	P&A	Federal	
Ferron St 4-36-18-7	43-015-30253	Producing	Federal	Operator: Merrion Oil & Gas
Jensen AL 27-09	43-015-30259	Shut In	State	
Jones D&A 09-59	43-015-30329	Producing	Federal	
Jones D&A 15-68	43-015-30318	Shut In	State	
Klinkhammer 1	43-015-30610	Shut In	Federal	Operator: Merrion Oil & Gas
Norris RG 14-40	43-015-30324	Producing	Federal	
Peacock 07-64	43-015-30327	Producing	Federal	
Peacock P&K 08-62	43-015-30320	Producing	Federal	
Peacock Trust 08-61	43-015-30326	Producing	Federal	
Peacock Trust 08-63	43-015-30328	Producing	Federal	
Peacock Trust 09-60	43-015-30321	Producing	Federal	
State of Utah 01-97	43-015-30498	Producing	State	
State of Utah 17-7-36-33R	43-015-30687	Producing	State	
State of Utah 17-8-19-11D	43-015-30695	P&A	State	
State of Utah 18-7-2-33R	43-015-30674	Producing	State	
State of Utah DD 31-98	43-015-30439	Producing	State	
<del>State of Utah II 36-95</del>	<del>43-015-30609</del>	Producing	State	
<del>State of Utah II 36-96</del>	<del>43-015-30508</del>	P&A	State	
State of Utah U 02-11	43-015-30270	Producing	State	
State of Utah U 02-48	43-015-30306	Producing	State	
State of Utah U 02-49	43-015-30309	P&A	State	
State of Utah U 02-50	43-015-30308	Producing	State	
State of Utah X 16-65	43-015-30312	Shut In	State	
State of Utah X 16-66	43-015-30311	Producing	State	
UP&L 14-53	43-015-30313	Producing	State	
UP&L 14-55	43-015-30314	Producing	Federal	
UP&L 23-51	43-015-30315	Producing	Federal	
UP&L 24-57	43-015-30316	Producing	State	
USA 03-74	43-015-30383	Producing	Federal	

### Utah Wells Surface Commingled at Orangeville CDP

USA 03-75	43-015-30384	Producing	Federal
USA 11-72	43-015-30387	Producing	Federal
USA 18-7-11-23	43-015-30640	Producing	State
USA 34-80	43-015-30389	Shut In	Federal
USA 34-82	43-015-30390	Producing	Federal
Utah Federal 17-7-35-42	43-015-30641	Drilling	Federal
Utah Federal 18-7-27-44R	43-015-30628	Producing	Federal
Utah Federal 18-7-9-11	43-015-30639	Producing	Federal
Utah Federal D 34-12	43-015-30282	Producing	Federal
Utah Federal D 35-13	43-015-30285	Producing	Federal
Utah Federal D 35-14	43-015-30286	Producing	Federal
Utah Federal D 35-15	43-015-30287	Producing	Federal
Utah Federal H 06-21	43-015-30294	TA	Federal
Utah Federal P 10-42	43-015-30276	Producing	Federal
Utah Federal P 10-43	43-015-30277	Producing	Federal
Utah Federal P 10-47	43-015-30258	Producing	Federal
Utah Federal Q 04-44	43-015-30280	Producing	Federal
Utah Federal R 09-45	43-015-30275	Producing	Federal
Utah Federal S 08-46	43-015-30274	Producing	Federal
Utah State 01-76	43-015-30381	Producing	State
Utah State 36-78	43-015-30382	Producing	State



Oil Wells

Oil Wells	Days On	MONTHLY WATER PRODUCTION	FIELD ESTIMATED PRODUCTION										ACTUAL ALLOCATED SALES					TOTAL ADJ	FIELD PRODUCTION			
			Costal Statement	PROD %	FIELD EST PROD	Irr Gas	Lse Use Gas	Vented Gas	Vented Gas	VENTED GAS	ADJ (f)	FIELD ESTIMATED SALES	ALLOCATED SALES	Lse Use Gas (m)	Vented CO2	Vented Gas	TOTAL VENTED					
B21-03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A26-02	25	88	490	0.00165775	490	39	13	15	15	15	67	423	432	52	15	0	0	15	67	499	8780	
C23-05	30	3432	9140	0.03092205	9140	45	235	437	437	718	8,422	8,062	281	437	0	0	437	718	8,499	26	86	
A26-04	15	0	0	0.00023005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
A35-06	30	141	29098	0.09844307	29098	46	750	1,706	1,706	2,501	26,597	25,665	795	1,706	0	0	1,706	2,501	26,641	41	268	
A35-05	18	700	289	0.00097773	289	27	7	361	361	545	4,838	4,748	184	361	0	0	361	545	5,293	343	0	
A34-07	30	2845	5353	0.01821153	5353	45	139	361	361	545	4,838	4,748	184	361	0	0	361	545	5,293	343	0	
P10-47	30	734	39	0.00047028	39	210	4	6	6	220	81	123	214	6	0	0	6	220	81	0	0	
IAME PROB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
A27-09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U02-11	30	50211	15291	0.05173154	15291	45	304	1,255	1,255	1,694	13,597	13,487	339	1,255	0	0	1,255	1,694	13,597	446	904	
S06-46	29	11	519	0.00175586	519	203	13	230	230	446	73	458	216	230	0	0	230	446	73	0	0	
R09-45	30	36	444	0.00150212	444	219	11	102	102	323	121	392	221	102	0	0	102	323	121	0	0	
P10-42	29	7609	819	0.0027708	819	44	21	144	144	206	610	722	65	144	0	0	144	206	610	122	658	
P10-43	30	3050	605	0.00204681	605	48	16	61	61	125	54	63	114	61	0	0	61	125	54	122	658	
Q04-44	16	5442	71	0.0002402	71	12	2	11	11	125	54	63	114	11	0	0	11	125	54	122	658	
D34-12	24	2583	147	0.00497662	147	36	38	126	126	200	1,271	1,297	74	126	0	0	126	200	1,271	101	359	
D35-13	30	142110	896	0.00303131	896	45	23	349	349	417	479	790	68	349	0	0	349	417	479	101	359	
D35-14	24	647	293	0.00099126	293	36	8	57	57	101	192	258	44	57	0	0	57	101	192	101	359	
D35-15	30	1830	20903	0.07071811	20,903	45	539	1,326	1,326	1,910	18,993	18,468	584	1,326	0	0	1,326	1,910	18,993	101	359	
H06-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U02-48	25	7527	2310	0.00781509	2,310	42	60	148	148	250	2,060	2,037	102	148	0	0	148	250	2,037	49	355	
U02-50	30	706	2703	0.00914467	2,703	45	70	165	165	280	2,423	2,384	115	165	0	0	165	280	2,423	49	355	
U02-49	15	173	347	0.00177395	347	23	9	18	18	49	296	305	31	18	0	0	18	49	296	0	0	
10-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
X16-66	28	307	290	0.00098112	290	42	7	38	38	87	203	256	49	38	0	0	38	87	203	0	0	
X16-65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14-53	30	298	827	0.00279787	827	45	21	50	50	116	711	729	66	50	0	0	50	116	711	0	0	
14-55	30	9023	85522	0.41965343	124,042	90	3,196	7,739	7,739	11,025	113,017	109,405	3,266	7,739	0	0	7,739	11,025	113,017	101	359	
14-55A	30	0	58520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23-51	30	175	259	0.00091007	259	45	7	9	9	61	208	237	52	9	0	0	9	61	208	0	0	
24-57	30	254	581	0.00230393	581	45	18	22	22	85	596	601	63	22	0	0	22	85	596	0	0	
15-68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08-62	29	23	491	0.00166113	491	44	13	179	179	235	256	433	55	179	0	0	179	235	256	0	0	
09-60	29	1445	1074	0.00363351	1,074	44	28	179	179	365	709	947	71	179	0	0	179	365	709	0	0	
14-40	30	4320	2701	0.0091379	2,701	45	70	154	154	269	2,432	2,382	115	154	0	0	154	269	2,432	0	0	
15-67	26	1202	251	0.000883	251	39	7	14	14	60	201	230	46	14	0	0	14	60	201	0	0	
08-61	30	478	9427	0.03189301	9,427	45	243	528	528	816	8,611	8,315	288	528	0	0	528	816	8,611	0	0	
07-54	30	1092	1557	0.00560589	1,557	45	43	495	495	583	1,074	1,461	88	495	0	0	495	583	1,074	0	0	
08-63	30	264	1554	0.00559574	1,554	45	43	495	495	583	1,074	1,461	88	495	0	0	495	583	1,074	0	0	
09-59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01-76	30	3108	4980	0.01684812	4,980	45	128	326	326	499	4,481	4,392	173	326	0	0	326	499	4,481	0	0	
35-78	30	903	5802	0.01962907	5,802	45	150	380	380	575	5,227	5,117	195	380	0	0	380	575	5,227	0	0	
03-74	27	24620	1325	0.00448258	1,325	41	34	130	130	105	1,220	1,169	75	130	0	0	130	105	1,220	0	0	
03-75	30	5679	4356	0.01487235	4,356	45	113	299	299	457	3,939	3,877	158	299	0	0	299	457	3,939	0	0	
11-72	30	45297	922	0.00311927	922	45	24	177	177	246	676	813	69	177	0	0	177	246	676	0	0	
34-80	15	44	113	0.0003823	113	24	3	21	21	48	65	100	27	21	0	0	21	48	65	0	0	
34-82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31-98	30	10	1482	0.00501384	1,482	45	38	133	133	216	1,268	1,307	83	133	0	0	133	216	1,268	0	0	
A35-89	30	9902	34803	0.1174398	34,803	45	897	2,021	2,021	2,963	31,840	30,696	942	2,021	0	0	2,021	2,963	31,840	0	0	
P03-92	30	1184	886	0.00299748	886	45	23	89	89	157	729	781	66	89	0	0	89	157	729	0	0	
P03-93	28	9434	546	0.00218552	546	42	17	96	96	155	491	570	59	96	0	0	96	155	491	0	0	
T22-69	30	320	1130	0.00382297	1,130	45	29	58	58	132	998	997	74	58	0	0	58	132	997	0	0	
127-87	30	574	546	0.0018472	546	45	14	27	27	86	460	482	59	27	0	0	27	86	460	0	0	
01-97	30	0	1194	0.00403948	1,194	0	31	73	73	104	1,090	1,053	31	73	0	0	73	104	1,090	0	0	
36-95	30	61	470	0.00159008	470	0	12	49	49	61	409	415	12	49	0	0	49	61	409	0	0	
36-95	30	1603	1260	0.00426278	1,260	0	32	130	130	162	1,098	1,111	32	130	0	0	130	162	1,098	0	0	
MERRON GAS WELLS																						
hammer																						
al	14-36-18-7	30	585	493	0.0018679	493	0	0	28	28	28	28	0	28	0	0	28	28	28	0	0	
			363007																			

LE WELLS FROM COASTAL STATEMENT

	29777				SALES DIFFERENCE	3578	JC137 51
	0						
	7604				7604		
	2448		2448				
	0			0			
Id statement + margin	974						
	31833		295682	2448	7604	0	

395211	597033	597137	4379	14975	59724	59724	79077	518050	514853	19355	59724	59724	79079	593932
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OCT 12 2004

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

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:  
Various Leases

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
See attached list

9. API NUMBER:  
Multiple

10. FIELD AND POOL, OR WILDCAT:  
Buzzard Bench

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC. *N2615*

3. ADDRESS OF OPERATOR:  
2700 Farmington Bldg K, Sul. Farmington STATE NM ZIP 87401 PHONE NUMBER: (505) 324-1090

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY: Emery  
O/T/R, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective August 1, 2004, the operator changed from Chevron U.S.A. Inc. to XTO ENERGY INC. for all wells on the attached list.

BLM #579173

State and Fee Bond #104312762

RECEIVED  
MAY 18 2007  
DIV. OF OIL, GAS & MINING

*Kenneth W. Jackson*  
Kenneth W. Jackson Regulatory Specialist ChevronTexaco for Chevron U.S.A. Inc. *N0210*

NAME (PLEASE PRINT) *James L. Death* TITLE *Vice President - Land*  
SIGNATURE *James L. Death* DATE *8/16/04*

(This space for State use only)

APPROVED *9/30/2004*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED  
SEP 28 2004  
DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-67532**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
**FEDERAL A 18-7-26 #12**

9. API NUMBER:  
**4301530445**

10. FIELD AND POOL, OR WILDCAT:  
**BUZZARD BENCH ABO**

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 **CONFIDENTIAL**

2. NAME OF OPERATOR:  
**XTO ENERGY INC.**

3. ADDRESS OF OPERATOR: 2700 Farmington Ave. Bldg K CITY Farmington STATE NM ZIP 87401 PHONE NUMBER: (505) 324-1090

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1815' FNL & 897' FWL COUNTY: EMERY  
QTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 26 18S 07E STATE: UTAH

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

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

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

XTO Energy Inc. proposes to surface commingle the following two wells into our Orangeville CDP:  
Federal A 18-7-26 #12; Sec 26-T18S-R07E; 1815' FNL & 897' FWL; 43-015-30445; UTU-67532; Buzzard Bench  
Federal T 18-7-22 #34; Sec 22-T18S-R07E; 539' FSL & 1831' FEL; 43-015-30452; UTU-68535; Buzzard Bench

Both of these wells have their own wellhead allocation meter. Both wells will have the sales point or custody transfer at the Orangeville System.

COPY SENT TO OPERATOR  
Date: 7-11-05  
Initials: CHO

NAME (PLEASE PRINT) HOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH  
SIGNATURE Holly C. Perkins DATE 6/23/2005

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

RECEIVED  
JUN 29 2005

(5/2000) Date: 7/18/05 (See Instructions on Reverse Side)

By: Dustin Ducet  
Dustin Ducet ??

DIV. OF OIL, GAS & MINING

WELLS FROM COASTAL STATEMENT

	0	302425			
	38990				
	04	104			
s Check #	256029				
s Check #2	0			0	
	0			7383	0
	7383				
	1931		1930 5		
	0				
	304437	302529	1930 5	7383	0

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>MULTIPLE ST OF UT II 36-95</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		9. API NUMBER: <b>MULTIPLE 43015 30509</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>MULTIPLE</b>		COUNTY: <b>EMERY</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>17S 7E 36</b>		STATE: <b>UTAH</b>

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: _____	<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: <b>SURFACE</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>COMMINGLE</b>

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

XTO Energy Inc. applied for surface commingle on the attached list of wells on 7/5/07 and State of UT DOGM approval was received on 7/13/07. Due to the rejection of the Federal application, XTO would like to withdraw the commingling application and subsequent work will not be done.

NAME (PLEASE PRINT) <u>LORRI D. BINGHAM</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE	DATE <u>9/23/2008</u>

(This space for State use only)

**RECEIVED**  
**SEP 29 2008**

**Utah Wells Surface Commingled at Orangeville CDP**

Well Name	API #	Status	Lease	Notes
Curtis D&D 14-54	43-015-30319	Shut In	Federal	
Curtis L&M 10-58	43-015-30310	Shut In	Federal	
Curtis L&M 15-67	43-015-30325	Producing	Federal	
Federal A 18-7-26-12	43-015-30445	Producing	Federal	
Federal A 26-02	43-015-30244	Shut In	Federal	
Federal A 26-04	43-015-30246	Shut In	Federal	
Federal A 34-07	43-015-30249	Producing	Federal	
Federal A 35-05	43-015-30248	Producing	Federal	
Federal A 35-06	43-015-30247	Producing	Federal	
Federal A 35-89	43-015-30446	Producing	Federal	
Federal B 21-03	43-015-30243	Shut In	Federal	
Federal C 18-7-23-23R	43-015-30629	Producing	Federal	
Federal C 23-08	43-015-30245	Producing	Federal	
Federal P 03-92	43-015-30448	Producing	Federal	
Federal P 03-93	43-015-30449	Producing	Federal	
Federal T 18-07-22-34	43-015-30452	Producing	Federal	
Federal T 22-69	43-015-30451	Producing	Federal	
Federal T 27-87	43-015-30456	P&A	Federal	
Ferron St 4-36-18-7	43-015-30253	Producing	Federal	Operator: Merrion Oil & Gas
Jensen AL 27-09	43-015-30259	Shut In	State	
Jones D&A 09-59	43-015-30329	Producing	Federal	
Jones D&A 15-68	43-015-30318	Shut In	State	
Klinkhammer 1	43-015-30610	Shut In	Federal	Operator: Merrion Oil & Gas
Norris RG 14-40	43-015-30324	Producing	Federal	
Peacock 07-64	43-015-30327	Producing	Federal	
Peacock P&K 08-62	43-015-30320	Producing	Federal	
Peacock Trust 08-61	43-015-30326	Producing	Federal	
Peacock Trust 08-63	43-015-30328	Producing	Federal	
Peacock Trust 09-60	43-015-30321	Producing	Federal	
State of Utah 01-97	43-015-30498	Producing	State	
State of Utah 17-7-36-33R	43-015-30687	Producing	State	
State of Utah 17-8-19-11D	43-015-30695	P&A	State	
State of Utah 18-7-2-33R	43-015-30674	Producing	State	
State of Utah DD 31-98	43-015-30439	Producing	State	
State of Utah II 36-95	43-015-30509	Producing	State	
State of Utah II 36-96	43-015-30508	P&A	State	
State of Utah U 02-11	43-015-30270	Producing	State	
State of Utah U 02-48	43-015-30306	Producing	State	
State of Utah U 02-49	43-015-30309	P&A	State	
State of Utah U 02-50	43-015-30308	Producing	State	
State of Utah X 16-65	43-015-30312	Shut In	State	
State of Utah X 16-66	43-015-30311	Producing	State	
UP&L 14-53	43-015-30313	Producing	State	
UP&L 14-55	43-015-30314	Producing	Federal	
UP&L 23-51	43-015-30315	Producing	Federal	
UP&L 24-57	43-015-30316	Producing	State	
USA 03-74	43-015-30383	Producing	Federal	

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SEP 29 2008

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45567
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ST OF UT II 36-95
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43015305090000
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: <i>300' FNL 1910' FEL</i> <del>0274 FNL 1926 FEL</del> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	9. FIELD and POOL or WILDCAT: BUZZARD BENCH  COUNTY: EMERY  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/15/2013  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO Energy Inc. is planning on drilling a horizontal lateral from original wellbore. Please see the attached documents showing the well location survey, drilling plan, BOP Stack Diagram, and the Choke manifold drawing.

*Surf*  
  
 492735X  
 4350824Y  
 39.30677Z  
 -111.084269

*BHLE*  
  
 492728X  
 4349928Y  
 39.295099  
 -111.084332

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: *08-22-13*  
 By: *[Signature]*

NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory
SIGNATURE N/A	DATE 8/13/2013	

Sundry Number: 41304 API Well Number: 43015305090000

TOWNSHIP 17 SOUTH, RANGE 7 EAST,  
SALT LAKE BASE & MERIDIAN



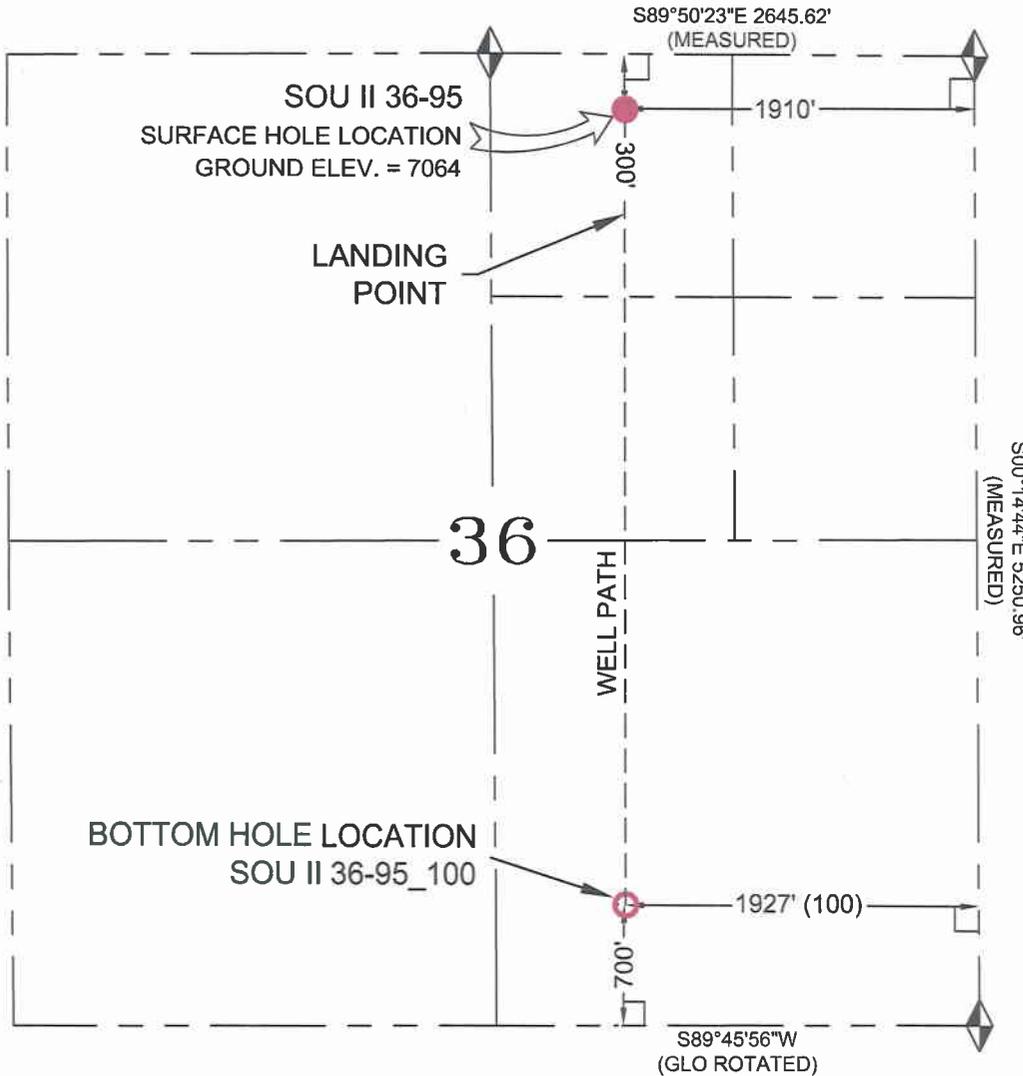
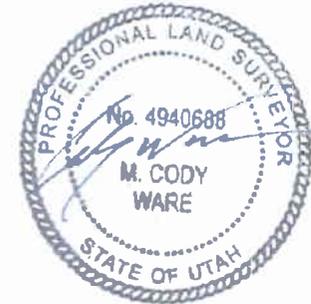
WELL LOCATION: SOU II 36-95  
NW 1/4, NE 1/4, SECTION 36, T17S, R7E, S.L.B.&M., EMERY  
COUNTY, UTAH.

THE BASIS OF ELEVATION USED FOR THIS SURVEY IS 6761 FEET  
AT THE NORTHEAST CORNER OF SECTION 1, TOWNSHIP 18  
SOUTH, RANGE 7 EAST, SALT LAKE BASE AND MERIDIAN, AS  
SHOWN ON THE RED POINT, UTAH 7.5' QUAD MAP.

**CERTIFICATE OF SURVEY**

I, M. CODY WARE, DO HEREBY CERTIFY THAT I AM A REGISTERED  
LAND SURVEYOR, LICENSE NO. 4940688 AS PRESCRIBED BY THE  
LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE  
MADE A SURVEY OF THE LOCATION SHOWN AND THAT IT IS TRUE  
AND CORRECT TO THE BEST OF MY KNOWLEDGE.

DATE: AUGUST 12, 2013



**LEGEND**

- FOUND MONUMENT
- WELL HEAD (SURFACE)
- BOTTOM HOLE LOCATION
- 90° SYMBOL

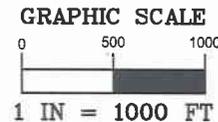
**GEODETIC COORDINATES:**

**SURFACE LOCATION**  
(NAD 1983)  
LAT.: 39°18'24.61" N (39.306836)  
LONG.: 111°05'03.41" W (111.084281)

**(NAD 1927)**  
LAT.: 39°18'24.74" N (39.306872)  
LONG.: 111°05'00.70" W (111.083528)

**BASIS OF BEARINGS:**

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

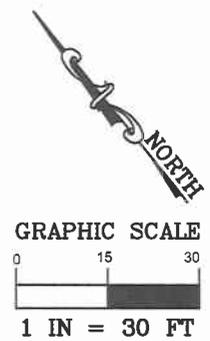
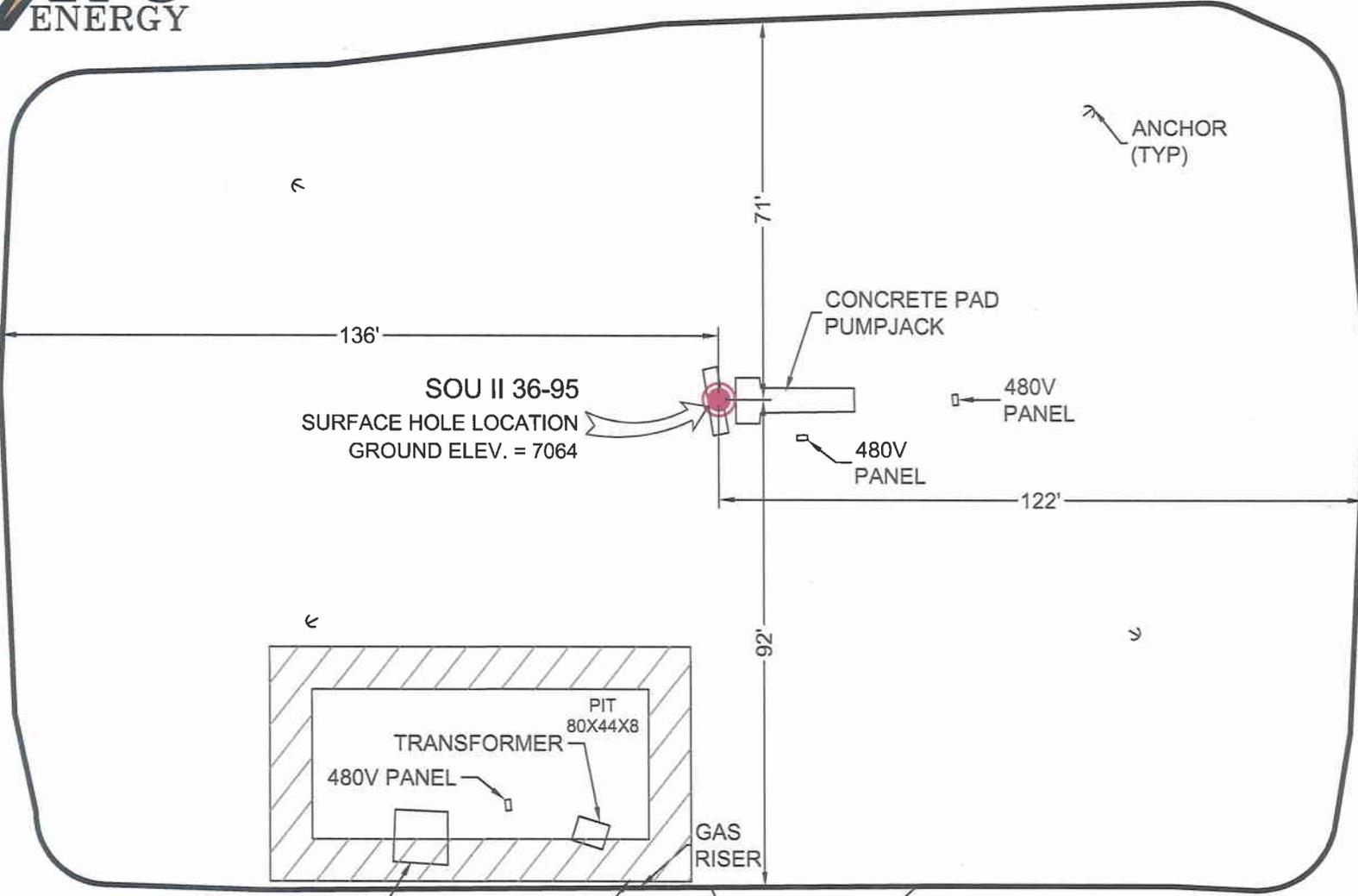


<b>WARE SURVEYING, L.L.C.</b>	
Phone: 435-820-4335	1344 North 1000 West Price, Utah 84501
<b>SOU II 36-95</b> NEAR ORANGEVILLE, EMERY COUNTY, UTAH NW 1/4, NE 1/4 - SECTION 36, T 17 S, R 7 E, SLB&M	
DRAWN BY: MCW	SCALE: 1" = 1000'
DATE: 08-12-13	DRAWING NO. P-1
REVISIONS: 3	

RECEIVED: Aug. 13, 2013



Sundry Number: 41304 API Well Number: 43015305090000



**WARE SURVEYING, L.L.C.**

Phone: 435-820-4335 1344 North 1000 West  
Email: waresurveying@emerytelcom.net Price, Utah 84501

**SOU II 36-95**  
NEAR ORANGEVILLE, EMERY COUNTY, UTAH  
NW 1/4, NE 1/4 - SECTION 36, T 17 S, R 7 E, SLB&M

DRAWN BY:	MCW	SCALE:	1" = 30'
DATE:	08-07-13	DRAWING NO.	
REVISIONS:	0	AS-BUILT	

RECEIVED: Aug. 13, 2013



PO Box 1589, Sidney, MT 58270

**Drilling Plan - Re-enter, Drill, Complete & Equip Single Lateral Wellbore in the Ferron Coal**

**Well Name and Location**

**SOU II 36-95\_100**

Location: NW NE Sec 36, 17S-7E

Footage: 300 ft FNL & 1910 ft FEL

Elev: Graded Pad 7064', KB 7076'

Emery County, UT

Latitude	39.306836	North
Longitude	111.084281	West

Formation Tops	TVD
Emery Sandstone	588
Emery A Marker	1,492
Ferron Sandstone	3,630
Ferron Coal 100 Target	3,786

**Logging, DST and Coring Program**

1. A mud log will be run from KOP to TD & on all laterals; Mudlog to include: total gas chromatograph and sample cuttings - 30' sample intervals  
An MWD GR/ROP log will also be run from KOP to TD of lateral.
2. Open hole logs are Not anticipated
3. No DST's are planned at this time.

**H2S**

No H2S has been found, reported or known to exist

**Maximum Formation Pressure and Temp**

1. Sub-Normal formation pressure gradient is expected (.3 psi/ft or 5.8 ppg) through target interval
2. The maximum anticipated BHT is 100 degrees F. or less.

**BOP Equipment Requirements**

See attached diagram detailing BOPE specifications.

1. Rig will be equipped with upper and lower kelly cocks with handles available.
2. Inside BOP and TIW valves will be available to use on all sizes and threads of DP used on well.
3. BOP accumulator will have enough capacity to close HCR valve, close all rams plus annular preventer & retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity & the fluid level shall be maintained at manufacturer's recommendation. There will be 2 additional sources of power for the closing pumps (electric and air). Sufficient N2 bottles will be available and will be recharged when pressure falls below manufacturer's minimum
4. BOP ram preventers will be tested to 3,000 psi for 10 minutes using a test plug when initially installed and at 30 day intervals. Test BOP & casing strings to .22 psi/ft (or 1500 psi minimum) for 30 minutes, prior to drilling out casing. Function test rams and hydraulically operated remote choke line valve daily (preferably at every crew change).
5. Remote valve for BOP rams, HCR & choke shall be placed in a location that is readily available to Driller. The remote BOP valve shall be capable of closing and opening the rams.
6. Hand wheels on BOP shall be equipped with locking devices. A locking device shall be placed on annular preventer line valve & must be locked in the open position. This lock shall only be removed when the closing unit is inoperative.
7. BOP shall be tested when - a.) Initially installed b.) Any seal is broken or BOP is repaired c.) Previous test exceeds 30 days

**Drilling Fluid and Related Equipment**

1. Pumps shall be equipped with stroke counters with displays located in dog house. Slow pump speed shall be recorded on drilling report daily after mudding up.
2. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog house.
3. Gas detecting equipment (for a chromatograph) will be installed at shaker. Readouts will be available in dog house and in geologist trailer.
4. In the event gas flow becomes an issue. A flare pit shall be constructed not less than 100' from wellhead & 50' from cuttings handling area. Lines to the flare pit will be straight runs (staked down) and turns will utilize targeted tees. Flare pit will be located down wind as much as possible. An electronic ignitor will be used along with a propane line to provide for a continuous flare pilot.

**Drilling Plan**

**Section 1 - Original Hole >>**

Casing:	5.5" 17# P-110 LT&C							Set at:	3,953 ft	
	Top	Btm	Fig	Size	Wt	Grade	Conn	Collapse	Burst	
	0	3,953	3,953	5 1/2"	17	P-110	LTC	7,460	10,640	
								Minimum Safety Factors:	4.35	9.32

**Load assumptions:**

**Collapse:** full casing evacuation with fresh water external gradient

**Burst: Maximum expected BHP with no external gradient**

**Section 2 - Drill Curve (10 Degree/100' )>>**

**3,213 to: 4,173 Landing Point**

Hole Size: 4 3/4"  
Mud: 2% KCl, 8.4ppg  
BHA: Bit, Mud Motor, MWD  
Procedure: Before Drilling Curve: Test Casing for 30 min to 1500 psi  
Set whipstock and mill casing window. TOH. PU curve BHA.  
Drill Curve per directional plan (maximum survey interval is 30').  
Logs: MWD GR/ROP. Mud log.

**Section 4 - Lateral #1>>**

**4,173 to: 7,791 TD (MD)**

Hole Size: 4 3/4"  
Mud: 2% KCl, 8.4ppg  
Bits: Bit, Mud Motor, MWD  
Procedure: TIH w/bit and directional tools. Drill open hole lateral per directional plan to TD target. Max survey interval in lateral is 90'.  
TOH with DP & BHA. Run Casing.  
Liner: 4" 11.35# L-80 Ultra Flush Joint Pre-Perfed Liner and release in lateral  
Top: Btm:  
3,223 - KOP 7,791 <-- spaced out as close to TD as possible  
Logs: MWD GR/ROP. Mud log.

**Finalize Well >>>>** Circulate clean. Set Wireline retrievable Packer. Retrieve whip stock. LD DP, ND BOP and NU tree. RDMO.

Prepared By: Cole Waiton

### HORIZONTAL DRILLING PLAN - LATERAL NO.1

Company <b>XTO Energy, Inc</b>				Target Inclination <b>90</b>		
Well <b>SOU II 36-95 100</b>				Magnetic Declination		
Build Rate <b>10.00</b>		Target TVD <b>3,786</b>				
Relative Turn Direction <b>L</b>		Target Azimuth <b>179.99</b>		Nudge Azimuth		
Turn Rate - Deg/100 <b>4.00</b>		0.00 Total Turn		<b>179.99</b>		<b>KOP Az</b>
Csg Tangent <b>40.00</b>				<b>179.99</b>		<b>4,261 VS</b>
Lat Tangent <b>150.00</b>				Target Coordinates from Surf Locn		
				<b>1 E 4261 S 4,261 VS</b>		

Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B./D.	Walk	BRN
	1	0	0.000	0.00		0.00	0.00	0.00 N	0.00 E	0.00			0.00
	2	0	0.00	179.99	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	#DIV/0!	0.00
	3	0	0.00	179.99	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	#DIV/0!	0.00
	4	0	0.00	179.99	3103.0	3103.04	0.00	0.00 N	0.00 E	0.00	0.00	0.00	8.39
	5	0	0.00	179.99	100.0	3203.04	0.00	0.00 N	0.00 E	0.00	0.00	-179.99	9.83
KOP1	6	3,213	0.00	179.99	18.0	3213.04	0.00	0.00 N	0.00 E	0.00	0.00	1799.87	10.00
	7	3,231	1.80	179.99	18.0	3231.04	0.28	0.28 S	0.00 E	10.00	10.00	0.00	10.00
	8	3,249	3.60	179.99	18.0	3249.02	1.13	1.13 S	0.00 E	10.00	10.00	0.00	10.00
	9	3,267	5.40	179.99	18.0	3266.96	2.64	2.64 S	0.00 E	10.00	10.00	0.00	10.00
	10	3,285	7.20	179.99	18.0	3284.85	4.52	4.52 S	0.00 E	10.00	10.00	0.00	10.00
	11	3,303	9.00	179.99	18.0	3302.67	7.05	7.05 S	0.00 E	10.00	10.00	0.00	10.00
	12	3,321	10.80	179.99	18.0	3320.40	10.15	10.15 S	0.00 E	10.00	10.00	0.00	10.00
	13	3,339	12.60	179.99	18.0	3338.03	13.80	13.80 S	0.00 E	10.00	10.00	0.00	10.00
	14	3,357	14.40	179.99	18.0	3355.63	18.00	18.00 S	0.00 E	10.00	10.00	0.00	10.00
	15	3,375	16.20	179.99	18.0	3372.89	22.75	22.75 S	0.01 E	10.00	10.00	0.00	10.00
	16	3,393	18.00	179.99	18.0	3390.10	28.04	28.04 S	0.01 E	10.00	10.00	0.00	10.00
	17	3,411	19.80	179.99	18.0	3407.12	33.87	33.87 S	0.01 E	10.00	10.00	0.00	10.00
	18	3,429	21.60	179.99	18.0	3423.96	40.24	40.24 S	0.01 E	10.00	10.00	0.00	10.00
	19	3,447	23.40	179.99	18.0	3440.59	47.12	47.12 S	0.01 E	10.00	10.00	0.00	10.00
	20	3,465	25.20	179.99	18.0	3457.00	54.53	54.53 S	0.01 E	10.00	10.00	0.00	10.00
	21	3,483	27.00	179.99	18.0	3473.16	62.45	62.45 S	0.01 E	10.00	10.00	0.00	10.00
	22	3,501	28.80	179.99	18.0	3489.07	70.87	70.87 S	0.02 E	10.00	10.00	0.00	10.00
	23	3,519	30.60	179.99	18.0	3504.70	79.79	79.79 S	0.02 E	10.00	10.00	0.00	10.00
	24	3,537	32.40	179.99	18.0	3520.06	89.19	89.19 S	0.02 E	10.00	10.00	0.00	10.00
	25	3,555	34.20	179.99	18.0	3535.09	99.08	99.08 S	0.02 E	10.00	10.00	0.00	10.00
	26	3,573	36.00	179.99	18.0	3549.82	109.43	109.43 S	0.03 E	10.00	10.00	0.00	10.00
	27	3,591	37.80	179.99	18.0	3564.21	120.23	120.23 S	0.03 E	10.00	10.00	0.00	10.00
	28	3,609	39.60	179.99	18.0	3578.26	131.49	131.49 S	0.03 E	10.00	10.00	0.00	10.00
	29	3,627	41.40	179.99	18.0	3591.95	143.18	143.18 S	0.03 E	10.00	10.00	0.00	10.00
	30	3,645	43.20	179.99	18.0	3605.28	155.29	155.29 S	0.04 E	10.00	10.00	0.00	10.00
	31	3,663	45.00	179.99	18.0	3618.18	167.82	167.82 S	0.04 E	10.00	10.00	0.00	10.00
	32	3,681	46.80	179.99	18.0	3630.71	180.74	180.74 S	0.04 E	10.00	10.00	0.00	10.00
	33	3,699	48.60	179.99	18.0	3642.82	194.05	194.05 S	0.05 E	10.00	10.00	0.00	10.00
	34	3,717	50.40	179.99	18.0	3654.51	207.74	207.74 S	0.05 E	10.00	10.00	0.00	10.00
	35	3,735	52.20	179.99	18.0	3665.77	221.79	221.79 S	0.05 E	10.00	10.00	0.00	10.00
	36	3,753	54.00	179.99	18.0	3676.57	236.18	236.18 S	0.06 E	10.00	10.00	0.00	10.00
	37	3,771	55.80	179.99	18.0	3686.92	250.91	250.91 S	0.06 E	10.00	10.00	0.00	10.00
	38	3,789	57.60	179.99	18.0	3696.81	265.95	265.95 S	0.06 E	10.00	10.00	0.00	10.00
	39	3,807	59.40	179.99	18.0	3706.21	281.30	281.30 S	0.07 E	10.00	10.00	0.00	10.00
	40	3,825	61.20	179.99	18.0	3715.13	296.93	296.93 S	0.07 E	10.00	10.00	0.00	10.00
	41	3,843	63.00	179.99	18.0	3723.55	312.84	312.84 S	0.07 E	10.00	10.00	0.00	10.00
	42	3,861	64.80	179.99	18.0	3731.47	329.00	329.00 S	0.08 E	10.00	10.00	0.00	10.00
	43	3,879	66.60	179.99	18.0	3738.88	345.41	345.41 S	0.08 E	10.00	10.00	0.00	10.00
	44	3,897	68.40	179.99	18.0	3745.76	362.04	362.04 S	0.09 E	10.00	10.00	0.00	10.00
	45	3,915	70.20	179.99	18.0	3752.13	378.88	378.88 S	0.09 E	10.00	10.00	0.00	10.00
	46	3,933	72.00	179.99	18.0	3757.95	395.90	395.90 S	0.09 E	10.00	10.00	0.00	10.00
	47	3,951	73.80	179.99	18.0	3763.25	413.11	413.11 S	0.10 E	10.00	10.00	0.00	10.00
	48	3,969	75.60	179.99	18.0	3768.00	430.47	430.47 S	0.10 E	10.00	10.00	0.00	10.00
	49	3,987	77.40	179.99	18.0	3772.20	447.97	447.97 S	0.11 E	10.00	10.00	0.00	10.00
	50	4,005	79.20	179.99	18.0	3775.95	465.60	465.60 S	0.11 E	10.00	10.00	0.00	10.00
	51	4,023	81.00	179.99	18.0	3778.95	483.33	483.33 S	0.11 E	10.00	10.00	0.00	10.00
	52	4,041	82.80	179.99	18.0	3781.48	501.15	501.15 S	0.12 E	10.00	10.00	0.00	10.00
	53	4,059	84.60	179.99	18.0	3783.46	519.04	519.04 S	0.12 E	10.00	10.00	0.00	10.00
	54	4,077	86.40	179.99	18.0	3784.87	536.98	536.98 S	0.13 E	10.00	10.00	0.00	10.00
	55	4,095	88.20	179.99	18.0	3785.72	554.96	554.96 S	0.13 E	10.00	10.00	0.00	10.00
END OF CURVE	56	4,113	90.00	179.99	18.0	3786.00	572.95	572.95 S	0.13 E	10.00	10.00	0.00	0.00
CASING SHOE	57	4,153	90.00	179.99	40	3786.00	612.95	612.95 S	0.14 E	0.00	0.00	0.00	0.00
START TURN	58	4,303	90.00	179.99	150	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	0.00	0.00
	59	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00
	60	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00
	61	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00
	62	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00
	63	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00
	64	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00
	65	4,303	90.00	179.99	0.00	3786.00	762.95	762.95 S	0.18 E	0.00	0.00	-4.00	0.00

66	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
67	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
68	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
69	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
70	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
71	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
72	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
73	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
74	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
75	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
76	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
77	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
78	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
79	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
80	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
81	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
82	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
83	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
84	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
85	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
86	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
87	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
88	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
89	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
90	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
91	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
92	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
93	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
94	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
95	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
96	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
97	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
98	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
99	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
100	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
101	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
102	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
103	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
104	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
105	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
106	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
107	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00	
END TURN	108	4,303	90.00	179.99	0.00	3786.00	762.96	762.96 S	0.18 E	0.00	0.00	-4.00	0.00
TD	109	7,791	90.00	179.99	3488.04	3786.00	4251.00	4251 S	1 E	0.00	0.00	0.00	0.00
OPEN HOLE PAY													
3,638													

**DIRECTIONAL DRILLING PLAN**

**SOU II 36-95\_100**

Location: NW NE Sec 36, 17S-7E

Footage: 300 ft FNL 1910 ft FEL

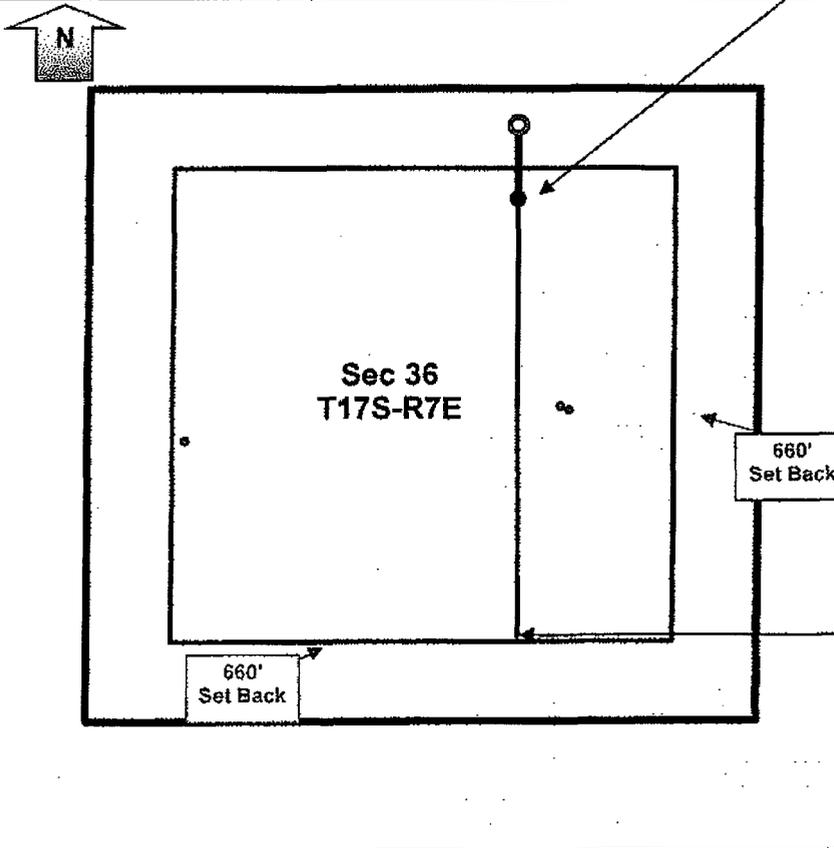
Elev: Graded Pad 7064', KB 7076'

Emery County, UT

Scale: 1 sq = 100'



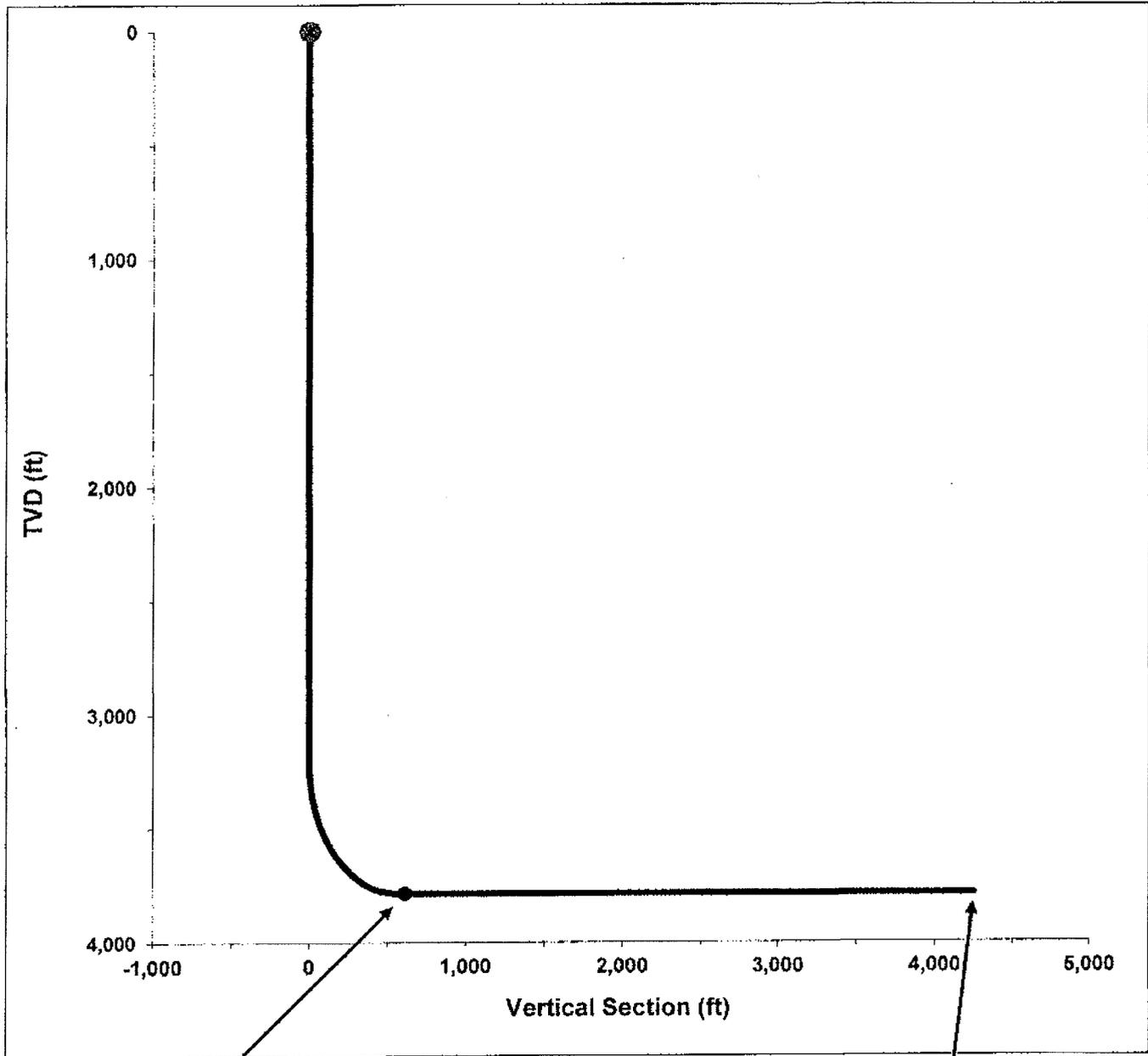
Landing	4,153	FT MD
BHL:	1,910 ft FEL	913 ft FNL
Coord:	0 E	613 S
Az to Shoe:	179.99	Deg



TARGET			
TMD:	7,791 ft		
TVD:	3,786 ft		
4,251	SOW	1	EOW
700	FSL	1,927	FEL
WH to BH Target Az		179.99	



**DIRECTIONAL DRILLING PLAN**  
**SOU II 36-95\_100**  
 Location: NW NE Sec 36, 17S-7E  
 Footage: 300 ft FNL 1910 ft FEL  
 Elev: Graded Pad 7064', KB 7076'  
 Emery County, UT  
 Scale: 1 sq = 500'



Landing	4,153	FT MD
BHL: 1,910 ft FEL	913 ft FNL	
Coord:	0 E	613 S
Az to Shoe:	179.99	Deg

TARGET	
TMD:	7,791 ft
TVD:	3,786 ft
4,251	SOW 1 EOW
700	FSL 1,927 FEL
WH to BH Target Az	179.99

**Title Info**

Well Name	SOU II 36-95_100	
Created	8/5/2013	
Hearing Date		
HOC X-Ref		
AFE#		
State	UT	
County	Emery	
Township	17S	
Range	7E	
Sec 1 - Spacing Unit	36	
Sec 2 - Spacing Unit	36, 17S-7E	Loc of Surf Location (Sec, Twn, Rng)
Rig	A	A,B,C,D,E,F
Surface Quarter/Quarter	NW NE	
Well Head Footage	300	ft FNL
Well Head Footage	1,910	ft FEL
Pad Elevation from Sea Level	7,064	
KB Height (from Ground)	12	
KB Elevation (From Sea Level)	7,076	
Well Head Latitude	39.306836	N
Well Head Longitude	111.084281	W
Geodetic System	US STATE PLANE 1983	
Geodetic Datum	NAD 83	
Map Zone		
Well Design	Re-enter, Drill, Complete & Equip Single Lateral Wellbore in the Ferron Coal	
Driving Directions		

**Legend**

Yellow	Data from Lat #1 Plan
Green	Geo Inputs
Orange	Survey Plats
None	Other Inputs
Red	Outputs

**Geologic Info**

Formation	Top (FSL)	Depth	Target	Comment
Emery Sandstone	6488	588		
Emery A Marker	5,584	1,497		
Lower Bluegate Shale Marker	5,327	1,749		
Ferron Sandstone	3,446	3,630		
<b>Ferron Coal 100 Target</b>	<b>3,290</b>	<b>3,786</b>	<b>#REF!</b>	<b>BLS - Target</b>

**Electric Logs**

	Bottom	Top
GR, Resistivity, BHC Sonic	TD	Surf Csg
Density - Neutron Porosity	TD	50' above Tyler

} IF REQUIRED BY THE STATE!

**Drilling Information**

Rig Contractor	NABORS	
Rig Number	252	
Kickoff Point	3,213	FT, MD
End of Build	4,113	FT, MD
7" Casing point	4,153	FT, MD

Target				
	Feet	Reference	Feet	Reference
Lateral #1	4,251	SOW	1	EOW
NOW = NORTH OF WELL, WOW = WEST OF WELL				
	Feet	Reference	Feet	Reference
Lateral #1	700	FSL	1,927	FEL
FNL, FWL, FEL, FSL				
	TD (MD)	P RATE (ft/day)	7" Csg Pt	Ft of Lateral
Lateral #1	7,791		4,133	3,658

Actual				
	Feet	Reference	Feet	Reference
Lateral #1				
NOW = NORTH OF WELL, WOW = WEST OF WELL				
	Feet	Reference	Feet	Reference
Lateral #1				
FNL, FWL, FEL, FSL				
	TD (MD)	P RATE (ft/day)	7" Csg Pt	Ft of Lateral
Lateral #1				

**GEOLOGIC PROGNOSIS**

WELL NAME: SOU II 36-95\_100 PROSPECT: Ferron Coal Play  
 COUNTY: Emery STATE: Utah  
 SURFACE LOCATION: NW NE Sec 36, 17S-7E  
 BOTTOM HOLE LOCATION - S Leg : SE SE Sec 22, 18S-7E

ELEVATION: Ground: 7,064 KB: 7,076  
 API # Reference Well:  
 NDIC Permit #: Fed T 22-69H  
 XTO

KB Elev.: 7,076

**ESTIMATED TOPS:**

	TVD		ACTUAL		DEEP REFERENCE WELL	
	DEPTH	ELEV.	DEPTH	ELEV.	DEPTH	ELEV.
*Prospective Pay						
Emery Sandstone	588	6,488			588	6,488
Emery A Marker	1,492	5,584			1,492	5,584
Lower Bluegate Shale Marker	1,749	5,327			1,749	5,327
Ferron Sandstone	3,630	3,446			3,630	3,446
Ferron Coal 100 Top	3,784	3,292			3,784	3,292
<b>Ferron Coal 100 Target</b>	<b>3,786</b>	<b>3,290</b>			<b>3,786</b>	<b>3,290</b>
End of Lateral Target	3,745	3,331			3,745	3,331

DRILLING PROGRAM: Drill 1 horizontal leg in Ferron Coal  
 SAMPLE PROGRAM: Catch 30' samples  
 CORE PROGRAM: None planned  
 DRILL STEM TESTS: None planned  
 MUD SYSTEM: KCI  
 MUD LOGGING: Run total gas and chromatograph and plot drilling rate  
 Describe all samples.  
 LOGGING PROGRAM: MWD Gamma Ray in build & horizontal hole  
 Open hole Logs are not planned

CALL MORNING REPORT TO: Jim Kwolek

SERVICE COMPANIES: The following service companies will be used in conjunction with this well.  
 Testing: None planned  
 Coring: None planned  
 Directional & MWD: To be determined.  
 Open-Hole Logging: Non Planned

**GENERAL INFORMATION:**

Anytime there is a question in your mind concerning the well, no matter what the time of day, please call.  
 Notify the Geologist of any DEPTH MEASUREMENT CORRECTIONS OR UNUSUAL HOLE DEVIATIONS.

XTO ENERGY REPRESENTATIVES:

RIG SUPERVISOR:

DRILLING SUPERINTENDENT

Sundry Number: 41304 API Well Number: 43015305090000

Bobby Jackson 505-486-4706 (Cell)

303-397-3720 (Office)

**ENGINEER:**

Cole Walton

(303) 397-3718 (Office)

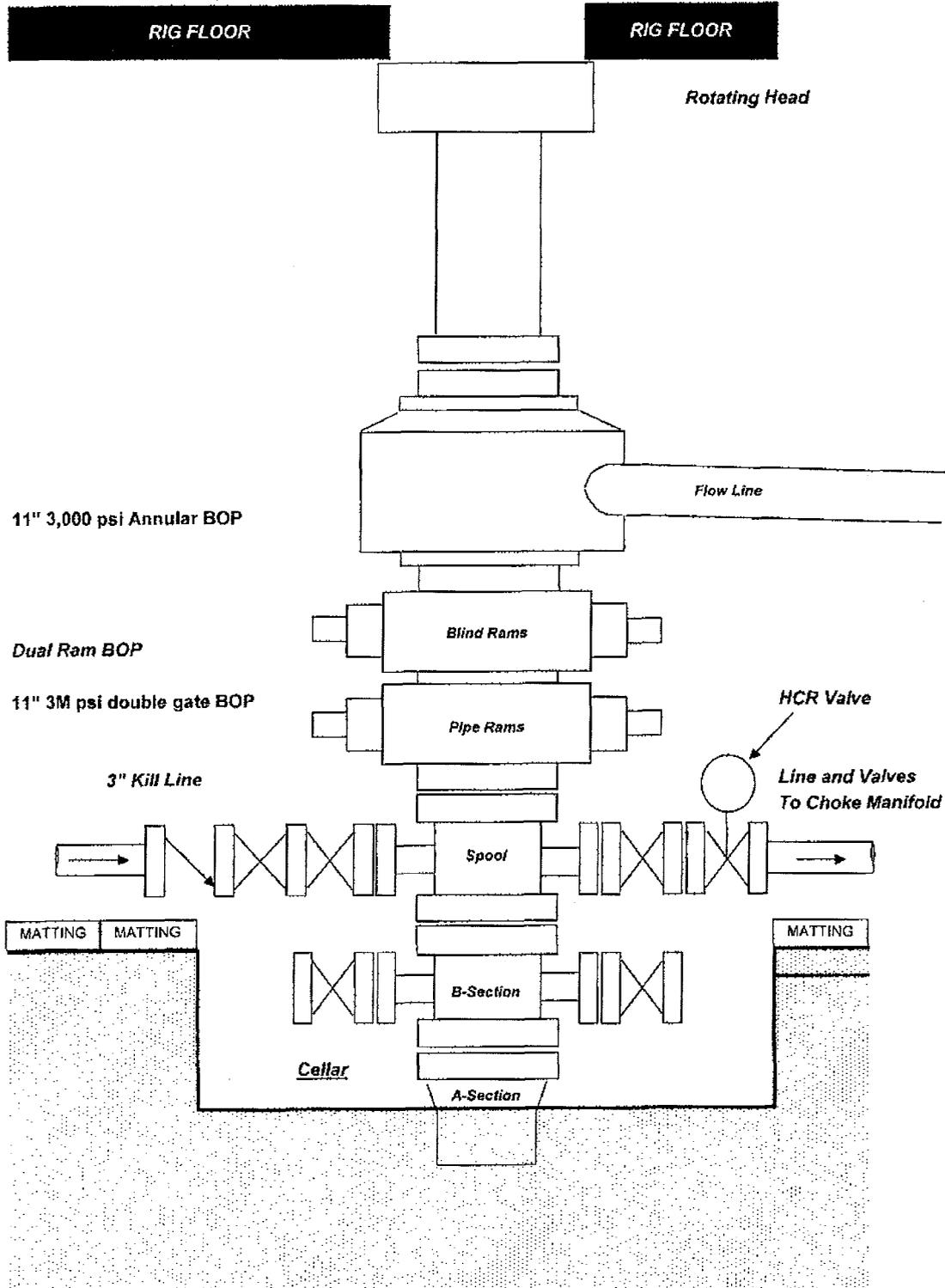
(405) 420-5910 (Cell)

**GEOLOGISTS:** James Kolek

817-885-1216 (Office)

**XTO Energy, Inc.**  
**BOP STACK DIAGRAM**

**SOU II 36-95 100**  
Location: NW NE Sec 36, 17S-7E  
Footage: 300 ft FNL & 1910 ft FEL  
Elev: Graded Pad 7064', KB 7076'  
Emery County, UT



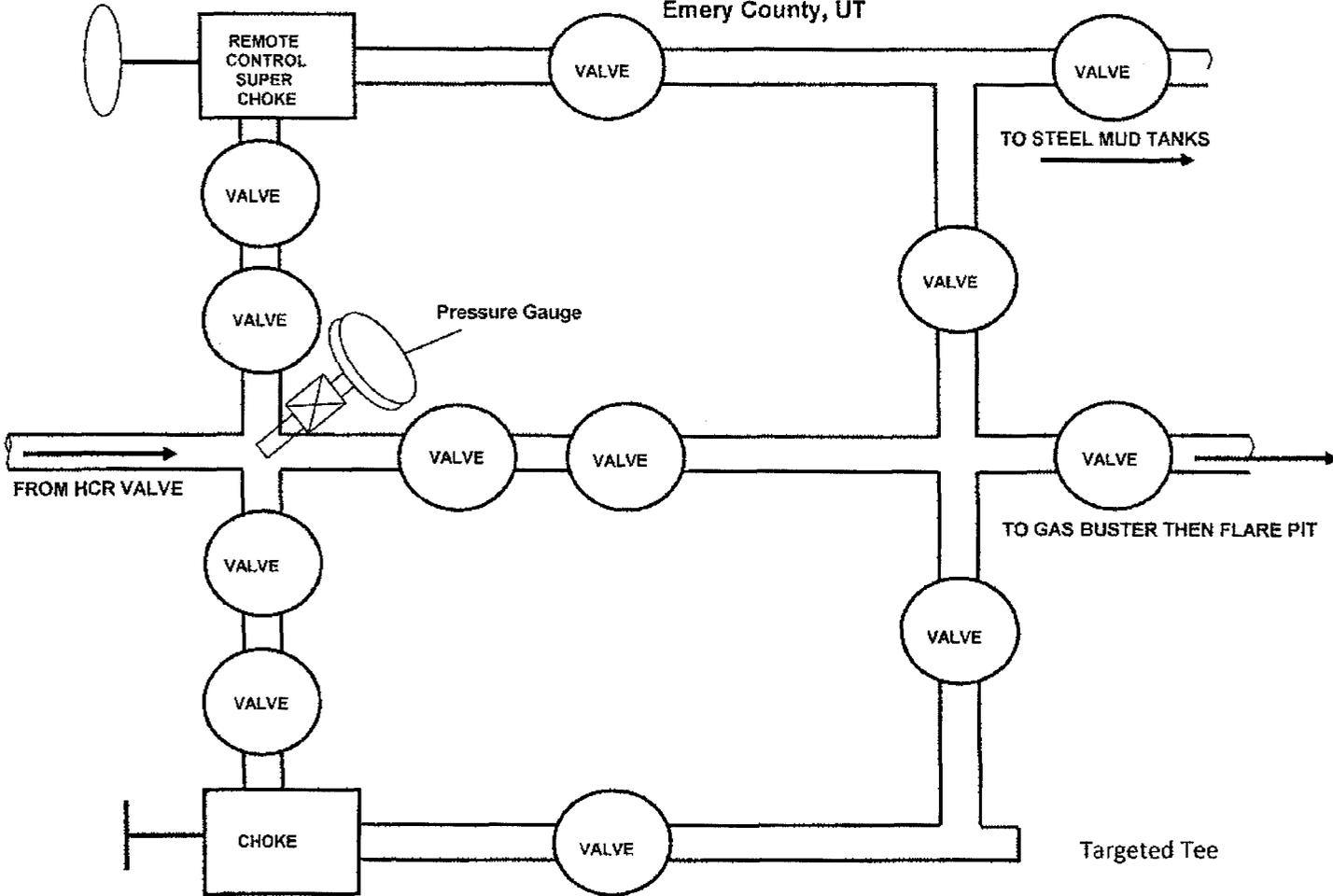
**XTO Energy, Inc.**  
**CHOKE MANIFOLD DRAWING**

**SOU II 36-95 100**

Location: NW NE Sec 36, 17S-7E

Footage: 300 ft FNL & 1910 ft FEL

Elev: Graded Pad 7064', KB 7076'  
Emery County, UT



Sundry Number : 41304 API Well Number : 43015305090000

RECEIVED : Aug. 13, 2013

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/13/2013

API NO. ASSIGNED: 43-015-30509

WELL NAME: ST OF UT II 36-95  
 OPERATOR: XTO ENERGY INC ( N2615 )  
 CONTACT: RICHARD REDUS

PHONE NUMBER: 303-397-3712

PROPOSED LOCATION:

NWNE 36 170S 070E  
 SURFACE: 0300 FNL 1910 FEL  
 BOTTOM: 0700 FSL 1927 FEL  
 COUNTY: EMERY  
 LATITUDE: 39.30677 LONGITUDE: -111.08427  
 UTM SURF EASTINGS: 492735 NORTHINGS: 4350824  
 FIELD NAME: BUZZARD BENCH ( 132 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DRD	8/22/13
Geology	✓	
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER: ML-45567  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRNCL  
 COALBED METHANE WELL? YES

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 104312762 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

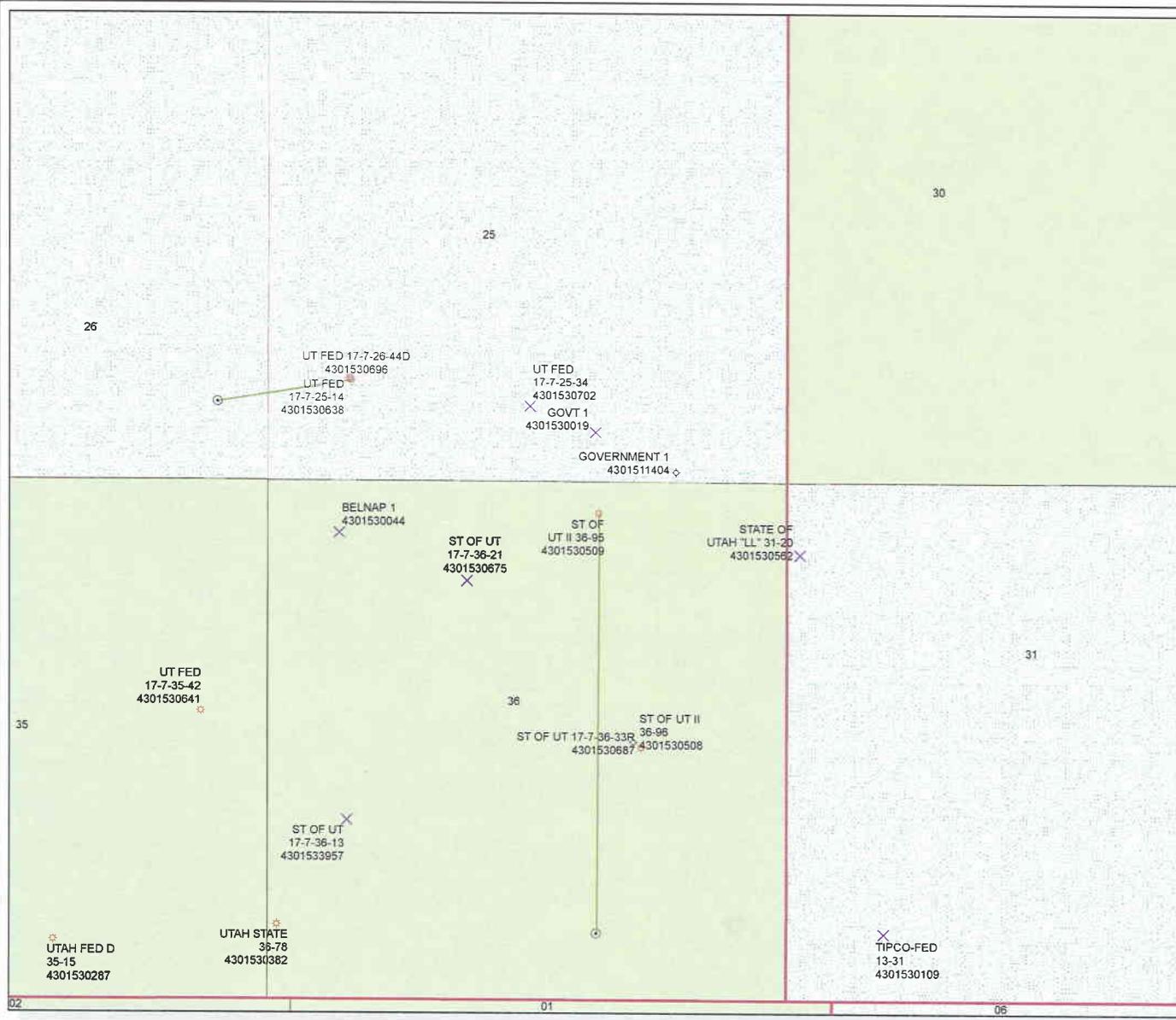
- R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 245-01  
Eff Date: 7-7-1999  
Siting: 460' fr Guntzburg & 920' fr other wells.
- R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

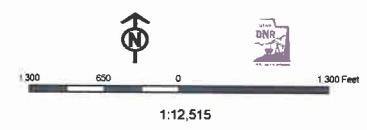
STIPULATIONS: ① HORIZONTAL  
② RESERVE PIT SHALL BE LINED WITH  
A SYNTHETIC LINER OF AT LEAST  
16 MIL THICKNESS

**API Number: 4301530509**  
**Well Name: ST OF UT II 36-95**  
 Township T17.0S Range R07.0E Section 36  
 Meridian: SLBM  
 Operator: XTO ENERGY INC

Map Prepared:  
 Map Produced by Diana Mason



Units	
STATUS	
	ACTIVE
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PI OIL
	PP GAS
	PP GEOTHERM
	PP OIL
	SECONDARY
	TERMINATED





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 22, 2013

XTO Energy Inc.  
PO Box 6501  
Englewood, CO 80155

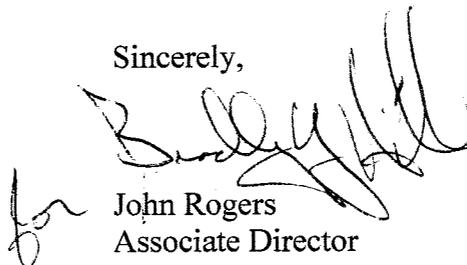
Subject: ST of UT II 36-95 Well, Surface Location 300' FNL, 1910' FEL, NW NE, Sec. 36, T. 17 South, R. 7 East, Bottom Location 700' FSL, 1927' FEL, SW SE, Sec. 36, T. 17 South, R. 7 East, Emery County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 245-01. The expected producing formation or pool is the Ferron Coal Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30509.

Sincerely,

  
John Rogers  
Associate Director

JR/BGH/js  
Enclosures

cc: Emery County Assessor  
SITLA  
BLM-Price



3. **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5<sup>th</sup> day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

4. In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
5. Reserve pit shall be lined with a synthetic liner of a least 16 mil thickness.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95	
<b>9. API NUMBER:</b> 43015305090000	
<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH	
<b>COUNTY:</b> EMERY	
<b>STATE:</b> UTAH	

**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.

<b>1. TYPE OF WELL</b> Gas Well	
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155	<b>PHONE NUMBER:</b> 303 397-3727 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/30/2013	<input type="checkbox"/> ACIDIZE	<input checked="" type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO is submitting this sundry to notify the State Of Utah of our plans to change the casing size.

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** October 08, 2013  
**By:** *Richard L. Redus*

<b>NAME (PLEASE PRINT)</b> Richard L. Redus	<b>PHONE NUMBER</b> 303 397-3712	<b>TITLE</b> Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/3/2013	



**Drilling Plan - Re-enter, Drill, Complete & Equip Single Lateral Wellbore in the Ferron Coal**

**Well Name and Location**

**SOU II 36-95\_100**

Location: NW NE Sec 36, 17S-7E

Footage: 300 ft FNL & 1910 ft FEL

Elev: Graded Pad 7064', KB 7076'

Emery County, UT

Latitude	39.306836	North
Longitude	111.084281	West

**Formation Tops**

**TVD**

Emery Sandstone	588
Emery A Marker	1,492
Ferron Sandstone	3,630
<b>Ferron Coal 100 Target</b>	<b>3,786</b>

**Logging, DST and Coring Program**

1. A mud log will be run from KOP to TD & on all laterals: Mudlog to include: total gas chromatograph and sample cuttings - 30' sample intervals  
An MWD GR/ROP log will also be run from KOP to TD of lateral.
2. Open hole logs are Not anticipated
3. No DST's are planned at this time.

**H2S**

No H2S has been found, reported or known to exist

**Maximum Formation Pressure and Temp**

1. Sub-Normal formation pressure gradient is expected (.3 psi/ft or 5.8 ppg) through target interval
2. The maximum anticipated BHT is 100 degrees F. or less.

**BOP Equipment Requirements**

*See attached diagram detailing BOPE specifications.*

1. Rig will be equipped with upper and lower kelly cocks with handles available.
2. Inside BOP and TIW valves will be available to use on all sizes and threads of DP used on well.
3. BOP accumulator will have enough capacity to close HCR valve, close all rams plus annular preventer & retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity & the fluid level shall be maintained at manufacturer's recommendation. There will be 2 additional sources of power for the closing pumps (electric and air). Sufficient N2 bottles will be available and will be recharged when pressure falls below manufacturer's minimum
4. BOP ram preventers will be tested to 3,000 psi for 10 minutes using a test plug when initially installed and at 30 day intervals. Test BOP & casing strings to .22 psi/ft (or 1500 psi minimum) for 30 minutes, prior to drilling out casing. Function test rams and hydraulically operated remote choke line valve daily (preferably at every crew change).
5. Remote valve for BOP rams, HCR & choke shall be placed in a location that is readily available to Driller. The remote BOP valve shall be capable of closing and opening the rams.
6. Hand wheels on BOP shall be equipped with locking devices. A locking device shall be placed on annular preventer line valve & must be locked in the open position. This lock shall only be removed when the closing unit is inoperative.
7. BOP shall be tested when - a.) Initially installed b.) Any seal is broken or BOP is repaired c.) Previous test exceeds 30 days

**Drilling Fluid and Related Equipment**

1. Pumps shall be equipped with stroke counters with displays located in dog house. Slow pump speed shall be recorded on drilling report daily after mudding up.
2. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog house.
3. Gas detecting equipment (for a chromatograph) will be installed at shaker. Readouts will be available in dog house and in geologist trailer.
4. In the event gas flow becomes an issue. A flare pit shall be constructed not less than 100' from wellhead & 50' from cuttings handling area. Lines to the flare pit will be straight runs (staked down) and turns will utilize targeted tees. Flare pit will be located down wind as much as possible. An electronic ignitor will be used along with a propane line to provide for a continuous flare pilot.

**Drilling Plan**

**Section 1 - Original Hole >>**

Casing:	5.5" 17# P-110 LT&C				Set at:		3,953 ft		
	Top	Btm	Ftg	Size	Wt	Grade	Conn	Collapse	Burst
	0	3,953	3,953	5 1/2"	17	P-110	LTC	7,460	10,640
	Minimum Safety Factors:							4.35	9.32

**Load assumptions:**

**Collapse:** full casing evacuation with fresh water external gradient

**Burst: Maximum expected BHP with no external gradient**

**Section 2 - Drill Curve (7 Degree/100' )>> 2,967 to: 4,313 Landing Point**

Hole Size: 4 3/4"  
Mud: 2% KCl, 8.4ppg  
BHA: Bit, Mud Motor, MWD  
Procedure: Before Drilling Curve: Test Casing for 30 min to 1500 psi  
Set whipstock and mill casing window. TOH. PU curve BHA.  
Drill Curve per directional plan (maximum survey interval is 30').  
Logs: MWD GR/ROP. Mud log.

**Section 4 - Lateral #1>> 4,313 to: 7,686 TD (MD)**

Hole Size: 4 3/4"  
Mud: 2% KCl, 8.4ppg  
Bits: Bit, Mud Motor, MWD  
Procedure: TIH w/bit and directional tools. Drill open hole lateral per directional plan to TD target. Max survey interval in lateral is 90'.  
TOH with DP & BHA. Run Casing with liner top hanger. TIH to KOP w/ liner top, drop ball, wait 30 min, and set hanger.  
Liner: 4" 11.35# L-80 Ultra Flush Joint Pre-Perfed Liner  
Top: Btm:  
2,977 - KOP 7,686 ← spaced out as close to TD as possible  
Logs: MWD GR/ROP. Mud log.

**Finalize Well >>>>** Circulate clean. Set Wireline retrievable Packer. LD DP. ND BOP and NU tree. RDMO.

Prepared By: Cole Walton

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43015305090000
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S		<b>COUNTY:</b> EMERY
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>10/18/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="RAISE TOP OF CEMENT"/>

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

XTO Energy Inc. intends to raise cement top from 3,400' to surface (minimum 2,600') in order to sidetrack out of 5-1/2" casing. Please see the attached procedure.

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

**Date:** October 15, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/15/2013	

**State of Utah II 36-95**  
**Raise Cement Top Procedure**  
**271' FNL and 1,926' FEL, Sec 36, T17S, R07E**  
**Emery County, Utah/ API # 43-015-30509**  
**AFE # / Acct ID # 110420**

**Formation:** Ferron Coal  
**Surf Csg:** 8-5/8", 24#, K-55 Casing @ 325'. Cmt'd w/230 sxs Class G cmt + 2% CaCl<sub>2</sub> + 0.25 pps cellophane.  
**Prod Csg:** 5-1/2", 17#, N-80 Casing @ 3,953'. Cmt'd w/135 sxs 10:1 RFC Class G cmt + 0.25 pps cellophane. TOC @ 3,400' by CBL.  
**PBTD:** 3,883'  
**Perforations:** 3,668' – 3,798'  
**Current Prod:** 0 MCFPD, 0 BWPD, 0 BOPD  
**Status:** SI/INA

Comply with all Utah Division of Oil, Gas & Mining, and XTO safety regulations.  
All cement volumes are 30% excess outside of casing. All cement will be Class V, mixed at 15.6 ppg with a 1.18 cf/sx yield. Raise cement top from 3,400' to surface (minimum 2,600') in order to sidetrack out of 5-1/2" casing.

1. Notify Dan Jarvis with Utah Division of Oil, Gas & Mining @ 801-538-5338 at least 48 hours in advance of operations.
2. MIRU completion rig.
3. TOH & LD 1 - 3/4" rod sub, 137 – 3/4" rods w/guides, 12 – 1-1/2" sbs, 12 – 7/8" stabilizer rods & 1-1/2" pmp. Send rods to XTO yard.
4. ND WH. NU BOP.
5. Drop SV. PT tbg to 2,000 psig for 5". Rls press & retr SV. TOH 121 jts 2-7/8", 6.5#, J-55, 8rd EUE tbg, SN, 1 jt 2-7/8" tbg & NC.
6. TIH w/4-3/4" bit, 5-1/2" scr & 2-7/8" tbg to top perf @ 3,668'. TOH w/2-7/8" tbg, scr & bit.
7. MIRU WLU. RIH w/5-1/2" CIBP & perf gun. Set CIBP @ 3,450. Perf 4 circulation holes in 5-1/2" csg @ 3,360' w/perf gun. POOH.
8. Pmp wtr dwn csg & attmpt to EIR thru perf holes w/rig pmp. Monitor for rets. Record inj rate & press.
9. PU & TIH w/5-1/2" CICR & set @ 3,310'. Sting into CICR & pump ~640 sxs Type V cmt followed by 19 BW flush (tbg volume). Sting out of CICR & flush tbg w/wtr. TOH tbg.
10. SI & WOC overnight.

11. PU & TIH w/4-3/4" bit & 2-7/8" tbg. DO CICR @ 3,310' & cmt to 3,440' (leave 10' cmt on top of CIBP). TOH & LD bit & tbg.
12. Load hole w/wtr & run CBL fr/3,440' – 200' abv TOC. Run Gyro fr/surf – 3,440' w/data points every 100'.
13. If TOC at least @ 2,600' FS, RDMO cmt pmp trk, WLU & completion rig. SWI.
14. If TOC not to 2,600' FS, contact Lauren Read (720-724-6566) for evaluation.
15. PT CIBP to 4500 psi for 15 minutes.
16. RDMO.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95	
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S		<b>COUNTY:</b> EMERY	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="RAISE TOP OF CEMENT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/29/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>XTO Energy Inc. has raised the top of cement in this well per the attached summary report.</p>			
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 02, 2013</b></p>			
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech	
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/2/2013	

**State of Utah II 36-95**

**10/17/2013:** MIRU. LD PR and LNR. PT tbg w/15 BFW, failed. Unseated pmp, flushed rods & tbg w/70 bls TFW. TOH & LD rods and pump. PT tbg w/22 BFW. SWI & SDFN.

**10/18/2013:** ND WH, NU & FT BOP. Tgd no fill. Run gyro from SF to 3,800'. Had tool failure, rerun Gyro. TOH tbg & BHA. TIH w/bit,scraper, SN, & tbg. TOH tbg. LD SN, bit, and scraper. Set CIBP @ 3,450' w/ wireline. TIH w/dump bailer, spot 10' CMT on top of CIBP. Filled csg w/65 bls TFW. PT csg. PU 3-1/8" perf gun. TIH to 3,360' shot 4 perf holes. Estb inj rate. Pmp 55 bls & well went on vac stopped pmping. SWI & SDFWE.

**10/21/2013:** PU 5-1/5" CICR, set at @ 3,326'. PT tbg w/20 BFW. PT csg w/2 BFW. PT SF line. EIR dwn tbg with no returns up csg. Pmpd 20 bls gel wt. Pmp 200 sxs class V cmnt @ 15.4 ppg & 1.23 yld, 43 bls slurry. Ave IR of 2 BPM @ 1,200 psig. Reached max pressure of 2500 psig. Shut down & unstng. Reversed w/ 1.5x's volume RDMO CMT crew. TOH tbg. PU 4-3/4" bit. TIH w/84 jts 2-7/8" tbg. EOT @ 2,662'. SWI & SDFWE.

**10/22/2013:** Cont TIH w/22 jts 2-7/8" tbg. Tag CICR @ 3,326'. RU pwr swvl. Estb circ DO CICR & 43' CMT from 3,326 - 3,369'. Cont TIH w/ 2 jts 2-7/8" tbg tag CIBP & CMT @ 3,440'. Circ well w/40 BFW. PT csg to 1,500 psig for 10". Tstd gd. LD 4 jts 2-7/8" tbg. TOH w/106 jts 2-7/8" tbg. SWI & SDFN.

**10/23/2013:** RIH w/ CBL tool & log well from 3,440' - 2,600' w/ 1,000 psig on well bore. TOC @ 3,120'. POH w/ CBL tool. RIH 3-1/8" perf gun. Shot 4 perf holes @ 3,110' FS. Csg went on vacuum & surf started to lt blow. EIR @ 2.5 BPM & 300 psig. Pmp 120 bls w/lt blow on SF csg. Well went on vac for 20 sec w/stopped pmping. PU 5-1/5" CICR. TIH w/BHA & 104 jts 2-7/8" tbg. Set CICR @ 3,072'. PT tbg to 2,000 psig w/10 BFW for 10". Tstd gd. PT csg to 1,000 psig w/8 BFW for 10". Tstd gd. SWI & SDFN.

**10/24/2013:** PT SF lines to 3,000 psi. Tstd gd. EIR of 2 BPM @ 800 psig. dwn tbg with no returns up 8.625" csgn. Pmpd 20 bls gel wt. Pmp 500 sxs class V cmnt @ 15.4 ppg & 1.18 yld, 120 bls slurry. Ave IR of 2 BPM @ 1,100 psig. RDMO CMT crew. TOH w/104 jts 2-7/8" tbg. PU 4-3/4" bit. TIH w/94 jts 2-7/8" tbg. EOT @ 2,947'. SWI & SDFN.

**10/25/2013:** Cont TIH w/10 jts 2-7/8" tbg. Tag CICR @ 3,062'. RU pwr swvl. Estb circ DO CICR & 58' CMT from 3,062 - 3,120'. Cont TIH w/ 10 jts 2-7/8" tbg tag CIBP & CMT @ 3,440'. Circ well w/40 BFW. PT csg to 1,500 psig for 10". Tstd gd. LD 4 jts 2-7/8" tbg. TOH w/106 jts 2-7/8" tbg. RIH w/ CBL tool & log well from 3,440' - 2,000' w/ 1,000 psig on well bore. Ratty CMT from 3,110' - 2,940'. POH w/ CBL tool. RIH 3-1/8" perf gun. Shot 4 perf holes @ 2,840' FS. Csg went on vacuum & surf started to lt blow. EIR @ 2 BPM & 300 psig. Pmp 70 bls w/lt blow on SF csg. 8.625". SF csg. 8.625" stopped blow. Csgn went on vac w/stopped pmping. SWI & SDFN.

**10/27/2013:** PU 5-1/5" CICR. TIH w/BHA & 90 jts 2-7/8" tbg. Set CICR @ 2,824'. PT tbg to 2,000 psig w/10 BFW for 10". Tstd gd. PT csg to 1,000 psig w/8 BFW for 10". Tstd gd. PT SF lines to 3,000 psi. Tstd gd. EIR of 2 BPM @ 100 psig. dwn tbg with no returns up 8.625" csgn. Pmpd 20 bls gel wt. Pmp 270 sxs class G cmt @ 15.5 ppg & 1.15 yld, 55 bls slurry. Ave IR of 2 BPM @ 100 psig. Reached max pressure of 2500 psig. Shut down & unstng. Reversed w/ 1.5x's volume. TOH w/90 jts 2-7/8" tbg. PU 4-3/4" bit. TIH w/94 jts 2-7/8" tbg. EOT @ 2,947'. SWI & SDFN.

**10/28/2013:** Cont TIH w/10 jts 2-7/8" tbg. Tag CICR @ 2,824'. RU pwr swvl. Estb circ DO CICR & 24' CMT from 2,824 - 2,848'. Cont TIH w/ 20 jts 2-7/8" tbg tag CIBP & CMT @ 3,440'. Circ well w/40 BFW. PT csg to 1,500 psig for 10". Tstd gd. LD 20 jts 2-7/8" tbg. TOH w/86 jts 2-7/8" tbg. RIH w/ CBL tool & log well from 3,440' - 2,000' w/ 1,000 psig on well bore. Gd CMT from 3,440'- 3,110', ratty CMT from 3,110' - 2,840', gd CMT from 2,840 - 2,260'. POH w/ CBL tool. TIH w/106 jts 2-7/8" tbg. EOT @ 3,436'. Circ well w/50 BFW. LD 4 jts 2-7/8" tbg. SWI & SDFN.

**10/29/2013:** PBTD @ 3,883'. CIBP w/CMT @ 3,440'. PT CSG to 1500 psig for 30 min gd test. TOH & LD 121 jts 2-7/8" 6.5#, J-55. Sent to yard for storage. ND BOP, NU WH. RDMO.

=====State of Utah II 36-95=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43015305090000
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<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>COUNTY:</b> EMERY
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/28/2013	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has commenced drilling the lateral on this well @ 2100 hours on 11/28/2013.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          December 02, 2013</b>		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/2/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43015305090000
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S		<b>COUNTY:</b> EMERY
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/30/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc.'s monthly report for the month of November, 2013 is attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
December 11, 2013**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/5/2013	

**State of Utah II 36-95**

**11/23/2013 6:00:00AM to 11/24/2013 6:00:00AM:** Contacted Mark Jones w/UTOCD on 11/19/13 @ 1:05 p.m. & w/Angela Wadman w/UTBLM on 11/19/13 @ 1:10 p.m. w/MIRU notification. MIRU WestRoc Trucking. Start moving equipment to SOU II 36-95. 100% RD, 70% moved, 20% rigged up.

**11/24/2013 6:00:00AM to 11/25/2013 6:00:00AM:** Continue moving equipment. Set sub, pits & back yard. Rig Equipment 100% moved, 40% rigged up.

**11/25/2013 6:00:00AM to 11/26/2013 6:00:00AM:** Piece together derrick & raise. Power gens. RU floor & sub heaters. ND WH. Start NU BOP. 100% equipment on location. 80% rigged up.

**11/26/2013 6:00:00AM to 11/27/2013 6:00:00AM:** Cont NU BOP. Set up poles for wind wall. MIRU B&C Quick Test. Tst BOP, Pipe rams 5 min low 250 psi, 10 min hi 3,000 psi. Choke manifold 5 min low 250 psi, 10 min hi 3,000 psi. Kill valve 5 min low 250 psi, 10 min hi 3,000 psi. Check valve 5 min low 250 psi, 10 min hi 3,000 psi. Annular 5 min low 250 psi, 10 min hi 1,500 psi. Casing 30 min @ 1,500 psi. Tstd OK. MU Select Oil Tools 5.5" RBP to tst blinds. No State Rep on location.

**11/27/2013 6:00:00AM to 11/28/2013 6:00:00AM:** TIH & set RBP @ 1,873'. TOH. PT Blinds 5 min low 250 psi, 10 min hi 3,000 psi, Superchoke 5 min 500 psig. Tstd OK. No State Rep on location. TIH & retr RBP. TIH, bit, 4-3/4" string mill & DP to 3,200'. No ti spots. TOH DP & BHA. PU Gyro Data UBHO sub & Smith Industries Whipstock. Orientate tools. TIH.

**11/28/2013 6:00:00AM to 11/29/2013 6:00:00AM:** Orientate Whipstock to 175.37 Azimuth w/Gyro Data & Weatherford WL. Set Top of Whip Stock @ 3,050'. Mill window fr/3,050' - 3,052'. Breaks on swivel siezed up. LD & repl 3.5 swivel. Cont Mill window fr/3,052' - 3,054'.

**11/29/2013 6:00:00AM to 11/30/2013 6:00:00AM:** Cont Mill Window fr/3,054' - 3,060'. TOH & LD Smith 4-3/4" mill. PU Phoenix Directional tools & Gyro Data UBHO sub. Scribe tools & TIH. Drlg & slide fr/3,060' - 3,091' w/Gyrodata & Weatherford WL.

**11/30/2013 6:00:00AM to 12/1/2013 6:00:00AM:** Cont Gyro Steer fr/3,091' - 3,202'. RDMO WL & Gyro Data. Drlg & slide fr/3,202' - 3,487'.

=====**State of Utah II 36-95**=====

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
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<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst																														
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/2/2014																															

## **State of Utah II 36-95**

**12/1/2013:** Cont Gyro Steer fr/3,091' - 3,202'. RDMO WL & Gyro Data. Drlg & slide fr/3,202' - 3,487'.

**12/1/2013 6:00:00AM to 12/2/2013 6:00:00AM:** Replace Weatherford Swivel. Drlg & slide fr/3,487' - 3,875'. MW 8.5, Visc 29. Last svy @ 3,824', Inc 54.3, Azm 182.4, TVD 3,693.82'.

**12/2/2013 6:00:00AM to 12/3/2013 6:00:00AM:** Drlg & slide 4 3/4" curve f/ 3,875' t/ 3,909'. TOOH. MU bit, MU directional tools, dialed to 1.5 deg & scribe tools. Trip in hole w/ directional tools. Drlg 4 3/4" curve f/ 3,909' t/ 4,101'. (Poor build rate). TOOH to re-dial motor. MU bit, MU directional tools, dialed to 1.83 deg & scibe tools, TIH w/ bit #3.

**12/3/2013 6:00:00AM to 12/4/2013 6:00:00AM:** Finish trip in hole w/ tri-cone bit. Drlg & slide f/ 4,101' t/ 4,295'. MW 8.5, Visc 28. Last svy @ 4,245', Inc 94.8, Azm 183, TVD 3,813.59'.

**12/4/2013 6:00:00AM to 12/5/2013 6:00:00AM:** Drlg & slide 4 3/4" LATERAL f/ 4,295' t/ 4,387'. MW 8.5, Visc 28. Last svy @ 4,336', Inc 91.9, Azm 183.2, TVD 3,809.71'. Trip out of hole for bit. Lost bit & 4 3/4" mud motor in hole. Wait on fishing tools f/Vernal, UT.

**12/5/2013 6:00:00AM to 12/6/2013 6:00:00AM:** PU fishing tools, TIH, tagged tight hole @ 3,790, circ down & stopped @ 3,880'. Trip out of hole, LD fishing tools. TIH w/ PDC bit, circ & ream f/ 3,597' to top of fish @ 4,361', (tight hole @ 3,790', 3,880, & 4,010'). Trip out of hole w/ bit.

**12/6/2013 6:00:00AM to 12/7/2013 6:00:00AM:** TIH w /overshot, tagged tight hole @ 4,090', circ & work overshot down hole to top of fish @ 4361'. POOH, no fish. TIH w/ 3" tapered tap, 2 - 4 3/4" Bladed string mills w/ 3 3/4" Jar. Ream mills thru curve f/ 3,371' t/ 3,750'.

**12/7/2013 6:00:00AM to 12/8/2013 6:00:00AM:** Ream thru curve f/ 3,371' t/ 4,143'. (stopped making hole @ 4,143'). Trip out of hole. MU PDC bit, 1 - 4 3/4" string mill. TIH, Ream f/ 4,143' to top of fish @ 4,361'. Trip out of hole w/ bit & mill. MU overshot.

**12/8/2013 6:00:00AM to 12/9/2013 6:00:00AM:** Trip in hole w/ fishing tools. Engage fish @ 4,361', POOH, (recovered fish). MU bit, MU directional tools, dialed to 1.5 deg & scribe tools. Trip in hole w/ directional tools. Drlg & slide 4 3/4" lateral f/ 4,387' t/ 4,570'. MW 8.5, Visc 28. Last svy @ 4,520', Inc 88.7, Azm 182.9, TVD 3,806.83'.

**12/9/2013 6:00:00AM to 12/10/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 4,570' t/ 4,686'. Trip out of hole to fix MWD tool failure, (problem w/ gap sub). MU bit, MU directional tools, (change out sub & MWD tool), dialed to 1.5 deg & scribe tools. Trip in hole w/ directional tools. Troubleshoot MWD tools. Drlg & slide f/ 4,686' t/ 4,720'. MW 8.5, Visc 28. Last svy @ 4,644', Inc 89.2, TVD 3,807.99'.

**12/10/2013 6:00:00AM to 12/11/2013 6:00:00AM:** Drlg & slide f/ 4,720' t/ 5,205'. MW 8.5, Visc 28. Last svy @ 5134', Inc 90.6, TVD 3798.55'.

**12/11/2013 6:00:00AM to 12/12/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 5,205' t/ 5,220'. Trip out of hole for MWD failure. MU bit, MU directional tools, dialed to 1.5 deg, scribe & test tool. Trip in hole. Drlg & slide f/ 5,220' t/ 5,405'. MW 8.6, Visc 27. Last svy @ 5,331', Inc 86.3, TVD 3,802.87'.

**12/12/2013 6:00:00AM to 12/13/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 5,405' t/ 5,985'. MW 8.6, Visc 27. Last svy @ 5,930', Inc 92.6, TVD 3,795.37'.

**12/13/2013 6:00:00AM to 12/14/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 5,985' t/ 6,356'. Trip out of hole w/ DP & HWDP, shuffle pipe. Trip in hole, (HWDP on top). Drlg & slide 4 3/4" lateral f/ 6,356' t/ 6,420'. MW 8.5, Visc 27. Last svy @ 6,373', Inc 90.2, TVD 3,797.58'.

**12/14/2013 6:00:00AM to 12/15/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 6,420' t/ 6,850'. Trip out of hole for mud motor. MU bit, MU directional tools, dialed to 1.37 deg & scribe tools. Trip in hole 650', test MWD, (MWD tool failed test, POOH, troubleshoot, TIH to 285', test ok). Trip in hole w/ directional tools.

**12/15/2013 6:00:00AM to 12/16/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 6,850' t/ 7,670'. MW 8.6, Visc 27. Last svy @ 7,607', Inc 89.4, TVD 3,798.16'.

**12/16/2013 6:00:00AM to 12/17/2013 6:00:00AM:** Drlg & slide fr/7,670' to TD @ 7,736'. Circ cln. Made 2 short trips to casing window. No ti spots & no drag. TOH & stand back 38 jts DP & 59 jts HWDP. MIRU Franks WeStates Laydown Machine. TOH & LD DP.

**12/17/2013 6:00:00AM to 12/18/2013 6:00:00AM:** TOH & LD BHA. Contacted Dustin Doucet w/UT DOGM on 12/16/13 @ 07:50 a.m. & w/David Gordon w/UTBLM on 12/16/13 @ 10:00 a.m. w/casing notification. MIRU Franks WeStates casing equip. TIH shoe, 115 jts 4" pre-perforated, 11.6#, L-80, Ultra FJ casing, XO, Weatherford Liner Hanger & push pipe. Run liner to 6,450'. Liner stopped moving. Pulled 115K, string weight 45K. Worked pipe. Could not get liner to move. Release Liner Hanger top @ 1,750', Shoe @ 6,450'. TOH & LD HWDP & setting tool. LD DP fr/derrick. RDMO Lay Down Machine. MIRU WL. Set RBP @ 980'. RDMO WL. PT plug to 1,000 psig for 10 min. Tstd OK.

**12/18/2013 6:00:00AM to 12/18/2013 6:00:00PM:** Clean rig floor. Drop wind walls. ND BOP. NU WH. Clean pits. Release rig @ 06:00 p.m. 12/18/13.

=====State of Utah II 36-95=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567
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<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH
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		<b>STATE:</b> UTAH

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

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

XTO Energy Inc. first delivered from the lateral of this well to Questar through the Huntington CDP at 1:55 p.m., Wednesday, 1/22/2014. IFR 70 MCFD.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
January 23, 2014**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/23/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43015305090000	
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155	<b>PHONE NUMBER:</b> 303 397-3727 Ext	<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S		<b>COUNTY:</b> EMERY
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/22/2014  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Jan. 2014 Monthly Rpt	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc.'s monthly report for January, 2014, is attached.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 05, 2014</b>		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/4/2014	

**State of Utah II 36-95**

**1/14/2014:** PT WH to 3,000 psig for 30". Tstd ok. Rlsd press. MIRU. ND WH. NU & FT BOP. SWI. SDFN.

**1/15/2014:** PU ret tl. TIH w/BHA & 30 jts 2-7/8" 6.5# J-55, EUE 8rd tbg. Rlsd RBP. Well went on vac. TOH w/30 jts tbg & LD RBP. PU & TIH w/154 jts 2-1/16" 3.25# L-80 IJ 10rd tbg & 43 jts 4.7# L-80 EUE 8rd tbg. Tgd PBTB Liner FS @ 6,450'. MIRU AFU. SWI & SDFN.

**1/16/2014:** Estb circ. Blow 4" Perfed liner around fr/EOT @ 6,430' PBTB. C&C 2 hr. SD for 1 hr to relax formation. Estb C&C for 2 hr. Rets of sm pc's of shale & coal fines. RDMO AFU. TOH w/43 jts 4.7# L-80 EUE 8rd tbg. LD 154 jts 2-1/16" 3.25# L-80 IJ 10rd tbg. SWI. SDFN.

**1/17/2014:** PU 1 jt 2-3/8" 4.6# L-80 Ultra flush w/ Bull plug, 1 jt 2-3/8" 4.6# L-80 Ultra flush jt tbg, 1 jt 2-3/8" 4.6# L-80 Ultra flush w/ 5' of perf holes in top, & 2-3/8" Ultra flush SN. TIH w/ BHA, 76 jts 2-3/8" 4.6# L-80 Ultra flush jt tbg, 2-3/8" x 4' xo, 52 jts 2-3/8" 4.7# L-80 EUE 8rd tbg. RU & RIH w/XTO 1.92" tbg broach to 4,240' (SN). No ti spots. POH & LD broach. Shoot fluid levels, tbg @ 3,444'. Csg @ 3,377'. MIRU WLU. RIH 1.55" gauge ring to 4,089'. Did not feel FL. RIH w/ gyro survey fr/surf to 4,026' @ 1 shot pr 100' to 2,900' then 1 shot pr 50' & back to surf @ 1 shot pr 1,000' (TIs wouldn't fall free below 4,026). RDMO WLU & gyro. SWI. SDFWE.

**1/20/2014:** LD 6 jts 2-3/8" 4.7# L-80 EUE 8rd tbg. Ld tbg w/2-3/8" donut tbg hgr. SN @ 4,060'. EOT @ 4,159'. ND BOP. NU WH. RU & RIH w/swb tIs. BFL @ 2,800' FS. S. 0 BO, 38 BLW, 14 runs, 8 hrs. Smpl taken every four runs. Dark brown cut wtr. FFL @ 3,700 FS. RD swb tIs. SWI & SDFN.

**1/21/2014:** RU & RIH w/swb tIs. BFL @ 3,200' FS. S. 0 BO, 8 BLW, 5 runs, 3 hrs. FFL @ 3,800' FS. RD swb tIs. PU & loaded Central Hydraulic 2" x 1-1/2" x 20' RWAC-DV pmp w/8' X 1" GAC. TIH w/pmp, 1 - 3/4" x 3' stabilizer rod, 21k shear tl, 1 - 3/4" x 3' stabilizer rod, 50 - 3/4" Norris 96's w/6 molded guides pr rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 99 - 7/8" Norris d rod. Dumped 5 gal corr inhibitor, Flushed w/2 bls TFW. Cont TIH w/3 - 7/8" rod subs (4', 6' & 8') & 1-1/4" x 22' PR. Seated pmp. PT tbg to 1,000 psig w/18 BFW for 10". Tstd ok. Rlsd press. LS pmp w/rig to 500 psig. GPA. HWO. Suspend report waiting on surface equ.

**1/22/2014:** Wait for PU weights to be moved to balance PU. RDMO. RWTP @ 13:30 p.m., ppg @ 4 x 74" SPM. First Delivered to Questar through the Huntington CDP at 1:55 p.m., Wednesday, January 22, 2014. Initial rate 70 MCFD.

=====**State of Utah II 36-95**=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95	
<b>9. API NUMBER:</b> 43015305090000	
<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH	
<b>COUNTY:</b> EMERY	
<b>STATE:</b> UTAH	

**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.

<b>1. TYPE OF WELL</b> Gas Well
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155
<b>PHONE NUMBER:</b> 303 397-3727 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWN Section: 36 Township: 17.0S Range: 07.0E Meridian: S

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/22/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. requests permission to downhole commingle production within the MNCS and FRSD in the State of Utah II 36-95. Owners are common in both zones. Please see the attached lease plat and Affidavit of Owner Notification for additional information.

**Approved by the Utah Division of Oil, Gas and Mining**  
 June 05, 2014

**Date:** \_\_\_\_\_

**By:** *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/19/2014	

API Number: 4301530509

Well Name: ST OF UT II 36-95

Township T17.0S Range R07.0E Section 36

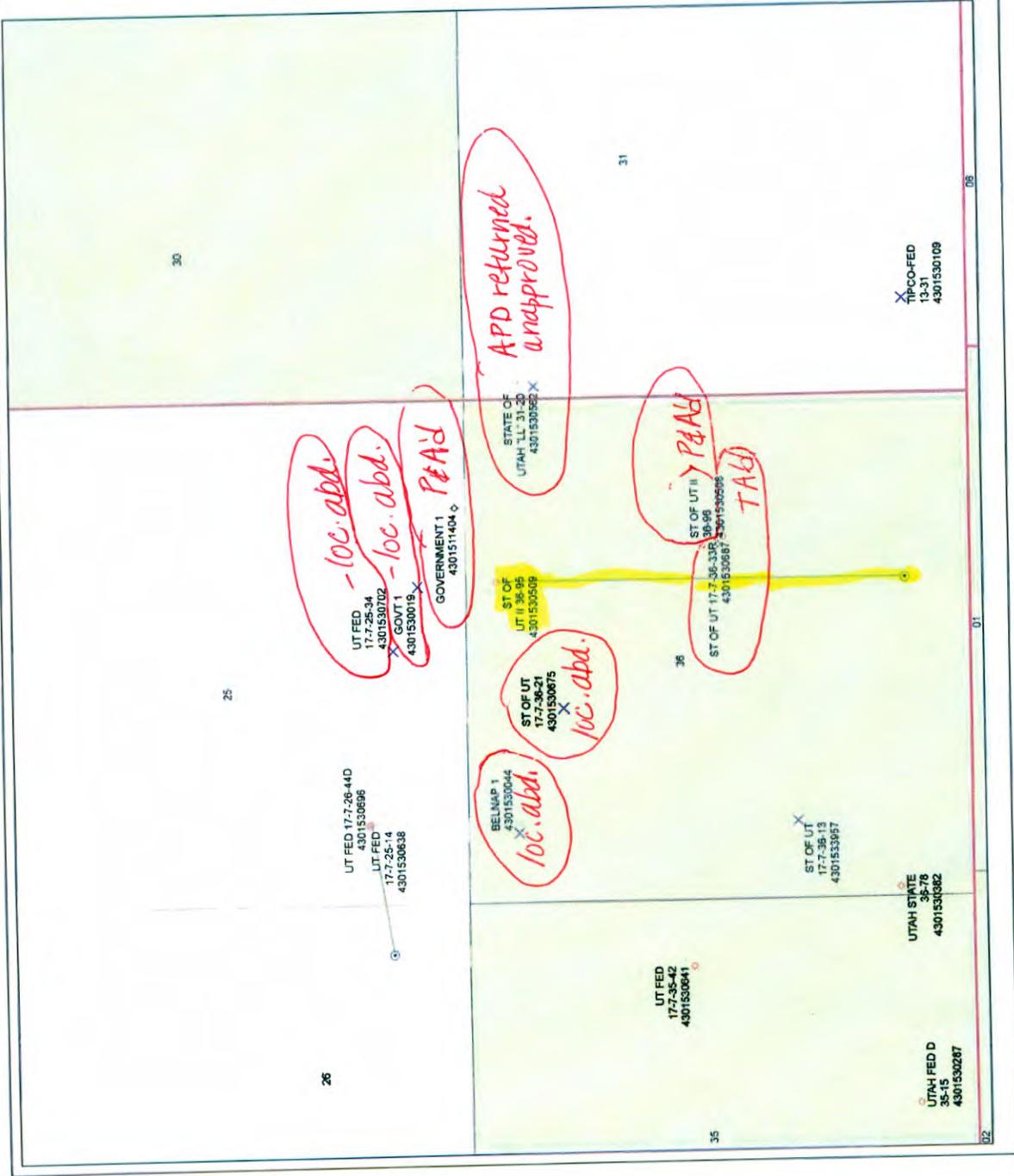
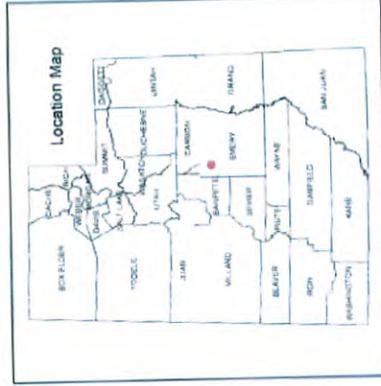
Meridian: SLBM

Operator: XTO ENERGY INC

Map Prepared: Diana Mason

Map Produced by Diana Mason

Well Status	Symbol
ACTIVE	Solid circle
EXPLORATORY	Circle with dot
GAS STORAGE	Circle with horizontal lines
HP P/DK	Circle with vertical lines
HP SECONDARY	Circle with diagonal lines
P/O	Circle with cross-hatch
PP/O	Circle with horizontal lines
PP/OCH/ENH	Circle with vertical lines
PP/O	Circle with diagonal lines
SECONDARY	Circle with horizontal lines
TERMINATED	Circle with cross-hatch



### AFFIDAVIT OF OWNER NOTIFICATION

#### STATE OF UTAH II 36-95

Section 36-T17S-R7E  
Emery County, Utah

STATE OF UTAH            )  
  )  
COUNTY OF EMERY        )

**Affiant: Barbara Nicol A. Nicol, 9127 South Jamaica Street, Englewood, CO 80112**

Affiant on oath swears that the following statements are true:

My name is Barbara A. Nicol, I am employed by XTO Energy Inc., whose address is 9127 South Jamaica Street, Englewood, CO 80122, as a Regulatory Analyst with responsibilities in the State of Utah and I know of my own personal knowledge of the matters set forth in this affidavit.

XTO horizontally drilled this well and placed an uncemented pre-perfed liner into a portion of the Mancos formation. The Mancos was not stimulated or fractured and because it is a shale play, XTO believes the open Mancos formation doesn't cause waste or result in reservoir damage, nor does it contribute to the production; so no allocation is necessary.

To the best of my knowledge, all Working Interest, Royalty Interest and Overriding Royalty Interest in the Unit are common as to all formalities within said Unit. XTO is 100% Working Interest Owner, with SITLA being a Surface and Royalty Interest Owner, so no notification is necessary.

Dated: 5/19/2014

Affiant: Barbara A. Nicol  
Barbara A. Nicol

Subscribed to and sworn before me this 19<sup>th</sup> day of May, 2014.

[Signature]  
(Signature of Notary)



Notary Public for the State of Colorado  
Residing at \_\_\_\_\_  
My Commission Expires 8/28/17



GARY R. HERBERT  
Governor  
SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 16, 2014

Barbara Nicol  
XTO ENERGY INC  
PO Box 6501  
Englewood, CO 80155

RE: Designation of Workover or Recompletion, Form 15.

Dear Barbara Nicol,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the ST OF UT II 36-95 well (43015305090000). Total expenses in the amount of \$ 2167093.37 were submitted for the Production Enhancement work that commenced on November 23, 2013 and was completed on January 22, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 2167093.37.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet  
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure  
Operator file

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

FORM 15

AMENDED REPORT

Original Filing Date: 4/9/2014

**DESIGNATION OF WORKOVER OR RECOMPLETION**

<b>1. Name of Operator</b> XTO ENERGY INC	<b>2. Utah Account Number</b> 82615.0	<b>5. Well Name and Number</b> ST OF UT II 36-95
<b>3. Address of Operator</b> State Zip PO Box 6501 Englewood CO 80155	<b>4. Phone Number</b> 303 397-3727	<b>6. API Number</b> 4301530509
<b>9. Location of Well</b>  Footage: 0300 FNL 1910 FEL County: EMERY QQ, Sec, Twnp, Rnge: NWNE 36 170S 070E State : UTAH		<b>7. Field Name</b> BUZZARD BENCH
		<b>8. Field Code Number</b> 132

**COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.**

<b>10. TYPE OF WORK (Check all that apply)</b> <input type="checkbox"/> Production enhancement <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well	<b>11. WORK PERIOD</b> Date work commenced: 11/23/2013 <b>77 Days From</b> Date work completed: 1/22/2014 <b>Completion</b>	
<b>12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:</b>		
<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup	42080.68	42080.68
b. Move-in, rig-up, and rig-down (including trucking)	345711.89	345711.89
c. Rig charges (including fuel)	787597.76	787597.76
d. Drill pipe or other working string	421172.51	421172.51
e. Water and chemicals for circulating fluid (including water hauling)	33662.13	33662.13
f. Equipment purchase	0.00	0.00
g. Equipment rental	164969.62	164969.62
h. Cementing	0.00	0.00
i. Perforating	0.00	0.00
j. Acidizing	0.00	0.00
k. Fracture stimulation	0.00	0.00
l. Logging services	325763.99	325763.99
m. Supervision and overhead	20707.54	20707.54
n. Other (itemize)      PRESSURE TESTS/BOPI & CASING	13382.00	13382.00
AIR FOAM UNIT	5987.50	5987.50
WIRELINE UNIT	6057.75	6057.75
	0.00	0.00
o. Total submitted expenses	2167093.37	
p. Total approved expenses (State use only)		2167093.37

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

**Date: June 16, 2014**

**By: **

<b>13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.</b>		
Contractor	Location (City, State)	Services Provided
SEE PAGE TWO ATTACHED		

<b>14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.</b>			
Name	Address	Utah Account No.	Percent of Interest
NONE			

**I hereby certify that this report is true and complete to the best of my knowledge.**

NAME (PLEASE PRINT) Barbara Nicol

TITLE Regulatory Analyst

PHONE 303-397-3736

SIGNATURE Barbara Nicol

DATE April 9, 2014

E-MAIL Barbara\_Nicol@xtoenergy.com

STATE OF UTAH II 36-95		43-015-30509		
Contractor	Location (City, State)	Cat.	Services Provided	Cost
NIELSON CONSTRUCTION	HUNTINGTON, UT	A	ROADS & LOCATION	\$37,548.20
PTI GROUP USA, LLC	DENVER, CO	A	WATER, SEWER, TRASH	\$4,532.48
BIG C TRUCKING INC.	VERNAL, UT	B	TRUCKING & HOT SHOT	\$4,315.50
FRANK'S WESTATES SERVICES, LLC	VERNAL, UT	B	MIR/UD HOTSHOT SERVICES	\$21,588.50
G3 FIELD SERVICE LLC.	ORANGEVILLE, UT	B	MIR/UD TRUCKING	\$6,333.00
JOHN M. HOWA & SONS INC.	PRICE, UT	B	MIR/UD 3- TRUCK HAULING	\$3,633.03
MATT BETTS TRUCKING, INC.	VERNAL, UT	B	MIR/UD TRUCKING	\$8,250.00
MILLER'S WELDING	HUNTINGTON, UT	B	MIR/UD TRUCKING	\$22,366.00
NIELSON CONSTRUCTION	HUNTINGTON, UT	B	MIR/UD TRUCKING	\$21,768.51
PANHANDLE OILFIELD SERVICE CO, INC.	LIBERAL, KS	B	MIR/UD HOTSHOT SERVICES	\$4,620.35
STRATA CONTROL SERVICES, INC.	CROWLEY, LA	B	MIR/UD HOTSHOT SERVICES	\$24,027.00
WESTROC TRUCKING, INC.	VERNAL, UT	B	MIR/UD HOTSHOT SERVICES	\$228,810.00
FRONTIER DRILLING	OKLAHOMA CITY, OK	C	DRILLING RIG & CREW	\$618,301.29
KEY ENERGY SERVICES	DALLAS, TX	C	WORKOVER RIG	\$34,359.02
TEMPLES OIL WELL SERVICE INC.	VERNAL, UT	C	WORKOVER RIG	\$53,233.95
THOMAS PETROLEUM LLC	VICTORIA, TX	C	RIG FUEL, POWER, WATER	\$81,703.50
ARC FABRICATION & WELDING	PRICE, UT	D	PRODUCTION LINER CASING	\$5,578.50
GYRODATA INC.	DALLAS, TX	D	GRYO ORIENTATION WHIPSTOCK	\$13,175.00
NATIONAL OILWELL DHT, LP	DALLAS, TX	D	DRILLING BITS, MILLS & REAMERS	\$8,508.00
PHOENIX TECHNOLOGY SERVICES, USA	HOUSTON, TX	D	HORIZONTAL DRILLING W/GAMMA RAY MWD	\$222,017.18
ROD LIFT CONSULTING LLC	EDMOND, OK	D	SUBSURFACE PUMP RODS	\$5,859.57
SMITH INTERNATIONAL, INC.	DALLAS, TX	D	DRILLING BITS	\$96,826.02
ATO ENERGY INC	FARMINGTON, NM	D	SUBSURFACE PUMP RODS - MATERIAL TRANSFER	\$5,859.57
ZIMMERMAN EQUIPMENT CO	VERNAL, UT	D	DRILLING RENTALS, CHOKE PANEL	\$63,348.67
NIELSON CONSTRUCTION	HUNTINGTON, UT	E	CHEMICAL/WATER HAULING	\$27,137.13
EN INDUSTRIES TRUCKING	ROOSEVELT, UT	E	CHEMICAL/WATER HAULING	\$6,525.00
BAKER HUGHES BUSINESS SUPPORT SERV.	DALLAS, TX	G	DOWNHOLE EQUIPMENT RENTALS	\$7,863.57
LOG POWER RENTALS	VERNAL, UT	G	GENERATOR, AIR COMPRESSOR RENTALS	\$15,182.79
VALBO, INC.	VERNAL, UT	G	TANK RENTALS	\$8,694.60
KRISTY'S RENTALS, INC.	ROOSEVELT, UT	G	GASBUSTER RENTAL	\$6,812.75
OUTBACK RENTALS & LANDSCAPE	VERNAL, UT	G	LIGHT TOWER RENTALS	\$6,985.00
ASON SYSTEMS USA CORP.	GOLDEN, CO	G	LOGGING INSTRUMENTATION RENTALS	\$26,617.17
PTI GROUP USA, LLC	DENVER, CO	G	LIVING QUARTERS, EQUIPMENT RENTALS	\$15,074.72
SELECT OIL TOOLS LLC	HIGHLANDS RANCH, CO	G	DOWNHOLE EQUIPMENT RENTALS	\$9,313.11
ULTRA PREMIUM OILFIELD SERVICES, LTD.	ODESSA, TX	G	CASING RENTAL EQUIPMENT	\$4,022.22
WEATHERFORD	DALLAS, TX	G	DOWNHOLE EQUIPMENT RENTALS	\$64,403.69
MULTI-SHOT, LLC -- MS ENERGY SERVICES	DALLAS, TX	L	LOGGING SERVICES	\$3,525.00
SOFTROCK GEOLOGICAL SVCS INC.	DURANGO, CO	L	MUD LOGGER SERVICES	\$62,419.40
WEATHERFORD	DALLAS, TX	L	WIRELINE SERVICES-LOGGING	\$259,819.59
OC FIELD SERVICE	FARMINGTON, NM	M	CONTRACT & CO. SUPERVISION	\$20,707.54
B&C QUICK TEST, INC.	VERNAL, UT	N	PRESSURE TESTS BOP/CASING	\$13,382.00
GROSS FOAM INC.	VERNAL, UT	N	AIR FOAM UNIT	\$5,987.50
PRODUCTION LOGGING SERVICES, INC.	VERNAL, UT	N	WIRELINE SERVICES	\$6,057.75
			TOTAL	\$2,167,093.37



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

#### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 22, 2013

XTO Energy Inc.  
PO Box 6501  
Englewood, CO 80155

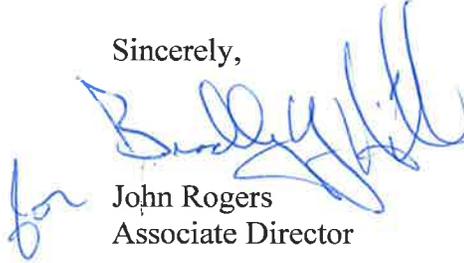
Subject: ST of UT II 36-95 Well, Surface Location 300' FNL, 1910' FEL, NW NE, Sec. 36, T. 17 South, R. 7 East, Bottom Location 700' FSL, 1927' FEL, SW SE, Sec. 36, T. 17 South, R. 7 East, Emery County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 245-01. The expected producing formation or pool is the Ferron Coal Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30509.

Sincerely,

  
for John Rogers  
Associate Director

JR/BGH/js  
Enclosures

cc: Emery County Assessor  
SITLA  
BLM-Price





Page 2

43-015-30509

August 22, 2013

3. **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5<sup>th</sup> day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

4. In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Reserve pit shall be lined with a synthetic liner of a least 16 mil thickness.

Sundry Number: 41304 API Well Number: 43015305090000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45567
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ST OF UT II 36-95
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43015305090000
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 300' FNL 1910' FEL <del>0271 FNL 1926 FEL</del> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	9. FIELD and POOL or WILDCAT: BUZZARD BENCH  COUNTY: EMERY  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/15/2013  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width:50px;" type="text"/>

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

XTO Energy Inc. is planning on drilling a horizontal lateral from original wellbore. Please see the attached documents showing the well location survey, drilling plan, BOP Stack Diagram, and the Choke manifold drawing.

Surf  
492735X  
4350824Y  
39.30677Z  
-111-084269

BHL  
492728X  
4349928Y  
39.295099  
-111 084332

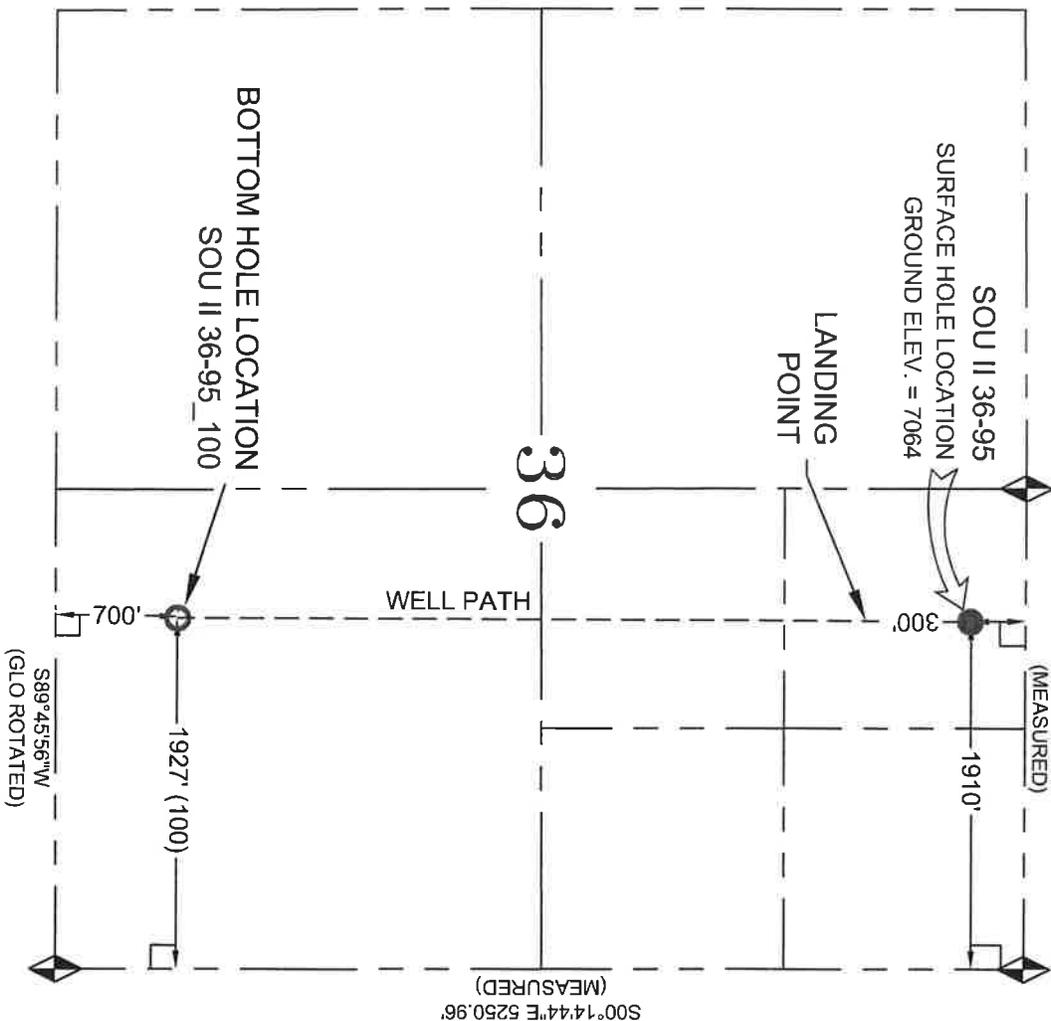
Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-22-13  
By:

NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory
SIGNATURE N/A	DATE 8/13/2013	

# TOWNSHIP 17 SOUTH, RANGE 7 EAST, SALT LAKE BASE & MERIDIAN

S89°50'23"E 2645.62'



**LEGEND**

- FOUND MONUMENT
- WELL HEAD (SURFACE)
- BOTTOM HOLE LOCATION
- 90° SYMBOL

**GEODETTIC COORDINATES:**

**SURFACE LOCATION**  
(NAD 1983)  
LAT.: 39°18'24.61" N (39.306836)  
LONG.: 111°05'03.41" W (111.084281)  
(NAD 1927)  
LAT.: 39°18'24.74" N (39.306872)  
LONG.: 111°05'00.70" W (111.083528)

**BASIS OF BEARINGS:**

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

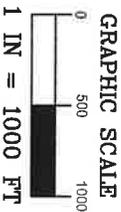
WELL LOCATION: SOU II 36-95  
NW 1/4, NE 1/4, SECTION 36, T17S, R7E, S.L.B.&M., EMERY COUNTY, UTAH.

THE BASIS OF ELEVATION USED FOR THIS SURVEY IS 6761 FEET AT THE NORTHEAST CORNER OF SECTION 1, TOWNSHIP 18 SOUTH, RANGE 7 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE RED POINT, UTAH 7.5' QUAD MAP.

**CERTIFICATE OF SURVEY**

I, M. CODY WARE, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, LICENSE NO. 4940688 AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE LOCATION SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

DATE: AUGUST 12, 2013



**WARE SURVEYING, L.L.C.**

Phone: 435-820-4335 1344 North 1000 West  
Email: waresurveying@emerytel.com.net Price, Utah 84501

**SOU II 36-95**

NEAR ORANGEVILLE, EMERY COUNTY, UTAH  
NW 1/4, NE 1/4 - SECTION 36, T 17 S, R 7 E, S.L.B.&M.

DRAWN BY: MCW SCALE: 1" = 1000'

DATE: 08-12-13

REVISIONS: 3 DRAWING NO. P-1

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
RECEIVED DEC 12 2013 REGULATORY COMPLIANCE	
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43015305090000
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155	<b>PHONE NUMBER:</b> 303 397-3727 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH  <b>COUNTY:</b> EMERY  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/30/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

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

XTO Energy Inc.'s monthly report for the month of November, 2013 is attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 December 11, 2013**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/5/2013	

**State of Utah II 36-95**

**11/23/2013 6:00:00AM to 11/24/2013 6:00:00AM:** Contacted Mark Jones w/UTOCD on 11/19/13 @ 1:05 p.m. & w/Angela Wadman w/UTBLM on 11/19/13 @ 1:10 p.m. w/MIRU notification. MIRU WestRoc Trucking. Start moving equipment to SOU II 36-95. 100% RD, 70% moved, 20% rigged up.

**11/24/2013 6:00:00AM to 11/25/2013 6:00:00AM:** Continue moving equipment. Set sub, pits & back yard. Rig Equipment 100% moved, 40% rigged up.

**11/25/2013 6:00:00AM to 11/26/2013 6:00:00AM:** Piece together derrick & raise. Power gens. RU floor & sub heaters. ND WH. Start NU BOP. 100% equipment on location. 80% rigged up.

**11/26/2013 6:00:00AM to 11/27/2013 6:00:00AM:** Cont NU BOP. Set up poles for wind wall. MIRU B&C Quick Test. Tst BOP, Pipe rams 5 min low 250 psi, 10 min hi 3,000 psi. Choke manifold 5 min low 250 psi, 10 min hi 3,000 psi. Kill valve 5 min low 250 psi, 10 min hi 3,000 psi. Check valve 5 min low 250 psi, 10 min hi 3,000 psi. Annular 5 min low 250 psi, 10 min hi 1,500 psi. Casing 30 min @ 1,500 psi. Tstd OK. MU Select Oil Tools 5.5" RBP to tst blinds. No State Rep on location.

**11/27/2013 6:00:00AM to 11/28/2013 6:00:00AM:** TIH & set RBP @ 1,873'. TOH. PT Blinds 5 min low 250 psi, 10 min hi 3,000 psi, Superchoke 5 min 500 psig. Tstd OK. No State Rep on location. TIH & retr RBP. TIH, bit, 4-3/4" string mill & DP to 3,200'. No ti spots. TOH DP & BHA. PU Gyro Data UBHO sub & Smith Industries Whipstock. Orientate tools. TIH.

**11/28/2013 6:00:00AM to 11/29/2013 6:00:00AM:** Orientate Whipstock to 175.37 Azimuth w/Gyro Data & Weatherford WL. Set Top of Whip Stock @ 3,050'. Mill window fr/3,050' - 3,052'. Breaks on swivel siezed up. LD & repl 3.5 swivel. Cont Mill window fr/3,052' - 3,054'.

**11/29/2013 6:00:00AM to 11/30/2013 6:00:00AM:** Cont Mill Window fr/3,054' - 3,060'. TOH & LD Smith 4-3/4" mill. PU Phoenix Directional tools & Gyro Data UBHO sub. Scribe tools & TIH. Drlg & slide fr/3,060' - 3,091' w/Gyrodata & Weatherford WL.

**11/30/2013 6:00:00AM to 12/1/2013 6:00:00AM:** Cont Gyro Steer fr/3,091' - 3,202'. RDMO WL & Gyro Data. Drlg & slide fr/3,202' - 3,487'.

=====**State of Utah II 36-95**=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
RECEIVED JAN 06 2014 REGULATORY COMPLIANCE	
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45567	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ST OF UT II 36-95
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2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43015305090000
--	----------------------------------

3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 1910 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	COUNTY: EMERY  STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/31/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

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

XTO Energy Inc.'s monthly report for the month of December, 2013, is attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 January 03, 2014

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/2/2014

## **State of Utah II 36-95**

**12/1/2013:** Cont Gyro Steer fr/3,091' - 3,202'. RDMO WL & Gyro Data. Drlg & slide fr/3,202' - 3,487'.

**12/1/2013 6:00:00AM to 12/2/2013 6:00:00AM:** Replace Weatherford Swivel. Drlg & slide fr/3,487' - 3,875'. MW 8.5, Visc 29. Last svy @ 3,824', Inc 54.3, Azm 182.4, TVD 3,693.82'.

**12/2/2013 6:00:00AM to 12/3/2013 6:00:00AM:** Drlg & slide 4 3/4" curve f/ 3,875' t/ 3,909'. TOOH. MU bit, MU directional tools, dialed to 1.5 deg & scribe tools. Trip in hole w/ directional tools. Drlg 4 3/4" curve f/ 3,909' t/ 4,101'. (Poor build rate). TOOH to re-dial motor. MU bit, MU directional tools, dialed to 1.83 deg & scibe tools, TIH w/ bit #3.

**12/3/2013 6:00:00AM to 12/4/2013 6:00:00AM:** Finish trip in hole w/ tri-cone bit. Drlg & slide f/ 4,101' t/ 4,295'. MW 8.5, Visc 28. Last svy @ 4,245', Inc 94.8, Azm 183, TVD 3,813.59'.

**12/4/2013 6:00:00AM to 12/5/2013 6:00:00AM:** Drlg & slide 4 3/4" LATERAL f/ 4,295' t/ 4,387'. MW 8.5, Visc 28. Last svy @ 4,336', Inc 91.9, Azm 183.2, TVD 3,809.71'. Trip out of hole for bit. Lost bit & 4 3/4" mud motor in hole. Wait on fishing tools f/Vernal, UT.

**12/5/2013 6:00:00AM to 12/6/2013 6:00:00AM:** PU fishing tools, TIH, tagged tight hole @ 3,790, circ down & stopped @ 3,880'. Trip out of hole, LD fishing tools. TIH w/ PDC bit, circ & ream f/ 3,597' to top of fish @ 4,361', (tight hole @ 3,790', 3,880, & 4,010'). Trip out of hole w/ bit.

**12/6/2013 6:00:00AM to 12/7/2013 6:00:00AM:** TIH w /overshot, tagged tight hole @ 4,090', circ & work overshot down hole to top of fish @ 4361'. POOH, no fish. TIH w/ 3" tapered tap, 2 - 4 3/4" Bladed string mills w/ 3 3/4" Jar. Ream mills thru curve f/ 3,371' t/ 3,750'.

**12/7/2013 6:00:00AM to 12/8/2013 6:00:00AM:** Ream thru curve f/ 3,371' t/ 4,143'. (stopped making hole @ 4,143'). Trip out of hole. MU PDC bit, 1 - 4 3/4" string mill. TIH, Ream f/ 4,143' to top of fish @ 4,361'. Trip out of hole w/ bit & mill. MU overshot.

**12/8/2013 6:00:00AM to 12/9/2013 6:00:00AM:** Trip in hole w/ fishing tools. Engage fish @ 4,361', POOH, (recovered fish). MU bit, MU directional tools, dialed to 1.5 deg & scribe tools. Trip in hole w/ directional tools. Drlg & slide 4 3/4" lateral f/ 4,387' t/ 4,570'. MW 8.5, Visc 28. Last svy @ 4,520', Inc 88.7, Azm 182.9, TVD 3,806.83'.

**12/9/2013 6:00:00AM to 12/10/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 4,570' t/ 4,686'. Trip out of hole to fix MWD tool failure, (problem w/ gap sub). MU bit, MU directional tools, (change out sub & MWD tool), dialed to 1.5 deg & scribe tools. Trip in hole w/ directional tools. Troubleshoot MWD tools. Drlg & slide f/ 4,686' t/ 4,720'. MW 8.5, Visc 28. Last svy @ 4,644', Inc 89.2, TVD 3,807.99'.

**12/10/2013 6:00:00AM to 12/11/2013 6:00:00AM:** Drlg & slide f/ 4,720' t/ 5,205'. MW 8.5, Visc 28. Last svy @ 5134', Inc 90.6, TVD 3798.55'.

**12/11/2013 6:00:00AM to 12/12/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 5,205' t/ 5,220'. Trip out of hole for MWD failure. MU bit, MU directional tools, dialed to 1.5 deg, scribe & test tool. Trip in hole. Drlg & slide f/ 5,220' t/ 5,405'. MW 8.6, Visc 27. Last svy @ 5,331', Inc 86.3, TVD 3,802.87'.

**12/12/2013 6:00:00AM to 12/13/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 5,405' t/ 5,985'. MW 8.6, Visc 27. Last svy @ 5,930', Inc 92.6, TVD 3,795.37'.

**12/13/2013 6:00:00AM to 12/14/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 5,985' t/ 6,356'. Trip out of hole w/ DP & HWDP, shuffle pipe. Trip in hole, (HWDP on top). Drlg & slide 4 3/4" lateral f/ 6,356' t/ 6,420'. MW 8.5, Visc 27. Last svy @ 6,373', Inc 90.2, TVD 3,797.58'.

**12/14/2013 6:00:00AM to 12/15/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 6,420' t/ 6,850'. Trip out of hole for mud motor. MU bit, MU directional tools, dialed to 1.37 deg & scribe tools. Trip in hole 650', test MWD, (MWD tool failed test, POOH, troubleshoot, TIH to 285', test ok). Trip in hole w/ directional tools.

**12/15/2013 6:00:00AM to 12/16/2013 6:00:00AM:** Drlg & slide 4 3/4" lateral f/ 6,850' t/ 7,670'. MW 8.6, Visc 27. Last svy @ 7,607', Inc 89.4, TVD 3,798.16'.

**12/16/2013 6:00:00AM to 12/17/2013 6:00:00AM:** Drlg & slide fr/7,670' to TD @ 7,736'. Circ cln. Made 2 short trips to casing window. No ti spots & no drag. TOH & stand back 38 jts DP & 59 jts HWDP. MIRU Franks WeStates Laydown Machine. TOH & LD DP.

**12/17/2013 6:00:00AM to 12/18/2013 6:00:00AM:** TOH & LD BHA. Contacted Dustin Doucet w/UT DOGM on 12/16/13 @ 07:50 a.m. & w/David Gordon w/UTBLM on 12/16/13 @ 10:00 a.m. w/casing notification. MIRU Franks WeStates casing equip. TIH shoe, 115 jts 4" pre-perforated, 11.6#, L-80, Ultra FJ casing, XO, Weatherford Liner Hanger & push pipe. Run liner to 6,450'. Liner stopped moving. Pulled 115K, string weight 45K. Worked pipe. Could not get liner to move. Release Liner Hanger top @ 1,750', Shoe @ 6,450'. TOH & LD HWDP & setting tool. LD DP fr/derrick. RDMO Lay Down Machine. MIRU WL. Set RBP @ 980'. RDMO WL. PT plug to 1,000 psig for 10 min. Tstd OK.

**12/18/2013 6:00:00AM to 12/18/2013 6:00:00PM:** Clean rig floor. Drop wind walls. ND BOP. NU WH. Clean pits. Release rig @ 06:00 p.m. 12/18/13.

=====**State of Utah II 36-95**=====

**RECEIVED**  
**FEB 05 2014** *bn*  
**REGULATORY COMPLIANCE**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
	<b>7. UNIT or CA AGREEMENT NAME:</b>  
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43015305090000
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155	<b>PHONE NUMBER:</b> 303 397-3727 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH
	<b>COUNTY:</b> EMERY
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>1/22/2014</b>	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Jan. 2014 Monthly Rpt"/>

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

XTO Energy Inc.'s monthly report for January, 2014, is attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 February 05, 2014**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/4/2014	

**State of Utah II 36-95**

**1/14/2014:** PT WH to 3,000 psig for 30". Tstd ok. Rlsd press. MIRU. ND WH. NU & FT BOP. SWI. SDFN.

**1/15/2014:** PU ret tl. TIH w/BHA & 30 jts 2-7/8" 6.5# J-55, EUE 8rd tbq. Rlsd RBP. Well went on vac. TOH w/30 jts tbq & LD RBP. PU & TIH w/154 jts 2-1/16" 3.25# L-80 IJ 10rd tbq & 43 jts 4.7# L-80 EUE 8rd tbq. Tgd PBSD Liner FS @ 6,450'. MIRU AFU. SWI & SDFN.

**1/16/2014:** Estb circ. Blow 4" Perfed liner around fr/EOT @ 6,430' PBSD. C&C 2 hr. SD for 1 hr to relax formation. Estb C&C for 2 hr. Rets of sm pc's of shale & coal fines. RDMO AFU. TOH w/43 jts 4.7# L-80 EUE 8rd tbq. LD 154 jts 2-1/16" 3.25# L-80 IJ 10rd tbq. SWI. SDFN.

**1/17/2014:** PU 1 jt 2-3/8" 4.6# L-80 Ultra flush w/ Bull plug, 1 jt 2-3/8" 4.6# L-80 Ultra flush jt tbq, 1 jt 2-3/8" 4.6# L-80 Ultra flush w/ 5' of perf holes in top, & 2-3/8" Ultra flush SN. TIH w/ BHA, 76 jts 2-3/8" 4.6# L-80 Ultra flush jt tbq, 2-3/8" x 4' xo, 52 jts 2-3/8" 4.7# L-80 EUE 8rd tbq. RU & RIH w/XTO 1.92" tbq broach to 4,240' (SN). No ti spots. POH & LD broach. Shoot fluid levels, tbq @ 3,444'. Csg @ 3,377'. MIRU WLU. RIH 1.55" gauge ring to 4,089'. Did not feel FL. RIH w/ gyro survey fr/surf to 4,026' @ 1 shot pr 100' to 2,900' then 1 shot pr 50' & back to surf @ 1 shot pr 1,000' (TIs wouldn't fall free below 4,026). RDMO WLU & gyro. SWI. SDFWE.

**1/20/2014:** LD 6 jts 2-3/8" 4.7# L-80 EUE 8rd tbq. Ld tbq w/2-3/8" donut tbq hgr. SN @ 4,060'. EOT @ 4,159'. ND BOP. NU WH. RU & RIH w/swb tIs. BFL @ 2,800' FS. S. 0 BO, 38 BLW, 14 runs, 8 hrs. Smpl taken every four runs. Dark brown cut wtr. FFL @ 3,700 FS. RD swb tIs. SWI & SDFN.

**1/21/2014:** RU & RIH w/swb tIs. BFL @ 3,200' FS. S. 0 BO, 8 BLW, 5 runs, 3 hrs. FFL @ 3,800' FS. RD swb tIs. PU & loaded Central Hydraulic 2" x 1-1/2" x 20' RWAC-DV pmp w/8' X 1" GAC. TIH w/pmp, 1 - 3/4" x 3' stabilizer rod, 21k shear tl, 1 - 3/4" x 3' stabilizer rod, 50 - 3/4" Norris 96's w/6 molded guides pr rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 1 - 7/8" x 3' stabilizer rod, 2 - 1-1/4" x 25' sbs, 99 - 7/8" Norris d rod. Dumped 5 gal corr inhibitor, Flushed w/2 bls TFW. Cont TIH w/3 - 7/8" rod subs (4', 6' & 8') & 1-1/4" x 22' PR. Seated pmp. PT tbq to 1,000 psig w/18 BFW for 10". Tstd ok. Rlsd press. LS pmp w/rig to 500 psig. GPA. HWO. Suspend report waiting on surface equ.

**1/22/2014:** Wait for PU weights to be moved to balance PU. RDMO. RWTP @ 13:30 p.m., ppg @ 4 x 74" SPM. First Delivered to Questar through the Huntington CDP at 1:55 p.m., Wednesday, January 22, 2014. Initial rate 70 MCFD.

=====**State of Utah II 36-95**=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: ML-45567
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155 PHONE NUMBER: 303 397-3727 Ext	8. WELL NAME and NUMBER: ST OF UT II 36-95
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 1910 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S	9. API NUMBER: 43015305090000
	9. FIELD and POOL or WILDCAT: BUZZARD BENCH
	COUNTY: EMERY
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>8/29/2014</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Perf current formation"/>

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

XTO Energy Inc. intends to perf this well at these intervals: 4500 - 4600 - 4650 - 4700 - 4760 - 4810' 4850 - 4900 - 4950 - 5000 - 5050 - 5100' 5500 - 5550 - 5600 - 5650 - 5700 - 5800' 5840 - 5940 - 6030 - 6210 - 6290 - 6380'

**Approved by the**  
**August 28, 2014**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_  
 By: DeKQ

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/26/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-45567	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> ST OF UT II 36-95	
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43015305090000	
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0300 FNL 1910 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 36 Township: 17.0S Range: 07.0E Meridian: S		<b>COUNTY:</b> EMERY	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text" value="Perf current formation"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/30/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>XTO Energy Inc. has perfed this well per the following: 8/25/2014: MIRU. ND WH. NU &amp; FT BOP's. LD 52 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg &amp; 2-3/8" SN w/ Ms clr. ND BOP's. NU Frac vlv. RDMO. 8/29/2014: MIRU WL. RA in hole w/2.50' GR &amp; tractor to 6,400'. Perf fr/6,380-82'. 6,290-92'. 6,210-12'. with 6 JSPF (120 deg phasing, .28" EHD, 31" pene. 6 holes per interval) POH LD gun &amp; tractor. 8/30/2014: RA in hole w/2.50' GR &amp; tractor to 6,400'. Perf fr/6,030-32'. 5,940-42'. 5,840-42'. 5,800-02'. 5,700-02'. 5,650-02'. 5,600-02'. 5,550-52'. 5,500-02'. 5,100-02'. 5,050-52'. 5,000-02'. 4,950-52'. 4,900-02'. 4,850-52'. 4,810-12'. 4,760-62'. 4,700-02'. 4,650-52'. 4,600-02'. 4,500-02', with 6 JSPF (120 deg phasing, .28" EHD, 31" pene. 6 holes per interval) POH LD gun &amp; tractor. RDMO WL.</p>			
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/30/2014	

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER: **ML-45567**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: **STATE OF UTAH II 36-95**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER **CBM**

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

2. NAME OF OPERATOR: **XTO Energy Inc.**

3. ADDRESS OF OPERATOR: **P.O. BOX 6501** CITY **ENGLEWOOD** STATE **CO** ZIP **80155** PHONE NUMBER: **(303) 397-3727**

9. API NUMBER: **4301530509**

10. FIELD AND POOL, OR WILDCAT: **BUZZARD BENCH**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **300' FNL & 1910' FEL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **656' FNL & 1,876' FEL**  
AT TOTAL DEPTH: **700' FSL & 1,983' FEL**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNE 36 17S 07E S**

12. COUNTY: **EMERY** 13. STATE: **UTAH**

14. DATE SPURRED: **11/28/2013** 15. DATE T.D. REACHED: **12/18/2013** 16. DATE COMPLETED: **1/22/2014** ABANDONED  READY TO PRODUCE  17. ELEVATIONS (DF, RKB, RT, GL): **7065.7 GR**

18. TOTAL DEPTH: MD **7,736** TVD **3,677** 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**MWD Gamma 3,050' - 3,820' and MWD Gamma 3,050' - 7,740'**  
**Mailed to DOGM 2/14/2014**

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
4-3/4	4 L80	11.6#	1,758	6,450					

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4,160							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) FERRON COAL	3,796	7,736	3,677	3,799	3,796 7,736	0.50	15,760	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**27. PERFORATION RECORD**

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

**29. ENCLOSED ATTACHMENTS:**

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

**30. WELL STATUS:**

**Producing**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/22/2014		TEST DATE: 1/30/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1	WATER – BBL: 12	PROD. METHOD: PUMPING
CHOKE SIZE: -----	TBG. PRESS. 300	CSG. PRESS. 2	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1	WATER – BBL: 12	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MANCOS SHALE	0
				FERRON SANDSTONE	3,736
				1ST COAL	3,796

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) BARBARA A. NICOL TITLE REGULATORY ANALYST  
 SIGNATURE *Barbara A. Nicol* DATE 2/17/2014

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

**SURVEY DATA CERTIFICATION**



Job #	1321627	Wellbore Name	Client:	XTO Energy
Well Name:	SOU II 36-95 100	Re-Entry	API#:	43-015-30509
County/State:	Emery Co, UT		Direction:	179.99
Latitude:	39.306836		Longitude:	-111.084281
1/4-1/4 Section-Township-Range-Footages:	Sec. 36-T17S-R7E			

**THE IN DATA**

MD	TVD	INC	AZM
3090.00	3089.74	5.86	182.40

N-S	E-W	DATA SOURCE
-13.11	23.36	Gyro
Data Source Company:		Gyrodata

**FIRST SURVEY**

DATE	DEPTH	INC	AZM
30-Nov-13	3128.00	7.40	192.40

**LAST SURVEY**

DATE	DEPTH	INC	AZM
16-Dec-13	7690.00	89.70	184.90

**STRAIGHT LINE PROJECTION TO TD**

DATE	DEPTH	INC	AZM
16-Dec-13	7736.00	89.70	184.90

**DEPTH DATUM**

KELLY BUSHING	GROUND LEVEL
7086.00	7064.00

MWD 1: Randy Thacker/Jason Robinett  
 MWD 2: Mike Beavers  
 MWD 3: Tyler Hane

DD 1: Greg Johnson  
 DD 2: Ray Williams  
 DD 3: TJ Robinson

TOTAL CORRECTION: 11.29  
 DECLINATION OR GRID: DEC  
 MWD TYPE: E-360/P-360

PRINT YOUR NAME

SIGN YOUR NAME

DATE

Jason Robinett

*Jason Robinett*

17-Dec-13

PRINT WELL PLANNER

SIGN WELL PLANNER

DATE

Michael W Hamich

*Michael W Hamich*

1/3/14

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Phoenix Technology Services USA INC. I am authorized and qualified to review the data, calculations, and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.



Project: Emery Co., UT  
 Site: Sec.36-T17S-R7E  
 Well: SOU II 36-95 100  
 Wellbore: Wellbore #1  
 Design: Wellbore #1



WELL DETAILS: SOU II 36-95 100

		Ground Level: 7064.00					Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.00	0.00	6916524.881	1758047.474	39.306836	-111.084281		

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL SOU II 36-95 100	3744.00	-4251.00	1.00	39.295165	-111.084277	Point

ANNOTATIONS

TVD	MD	Annotation
3089.74	3090.00	Tie In To Gyros
3127.49	3128.00	First Phoenix MWD Survey
3799.08	7736.00	Projection To Bit

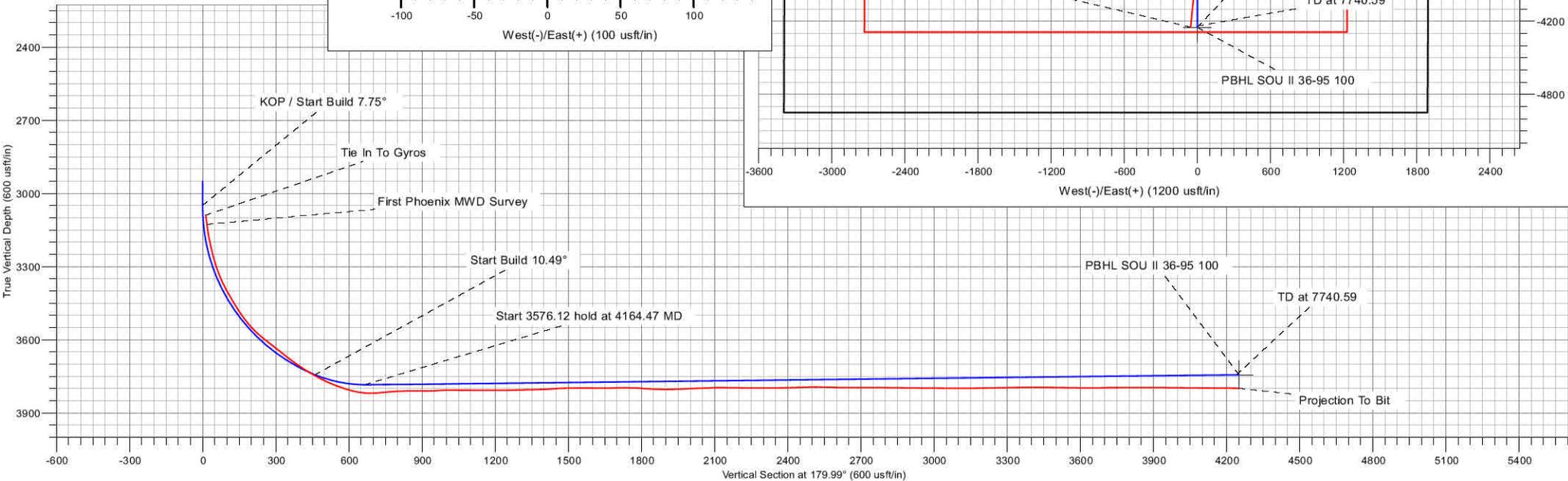
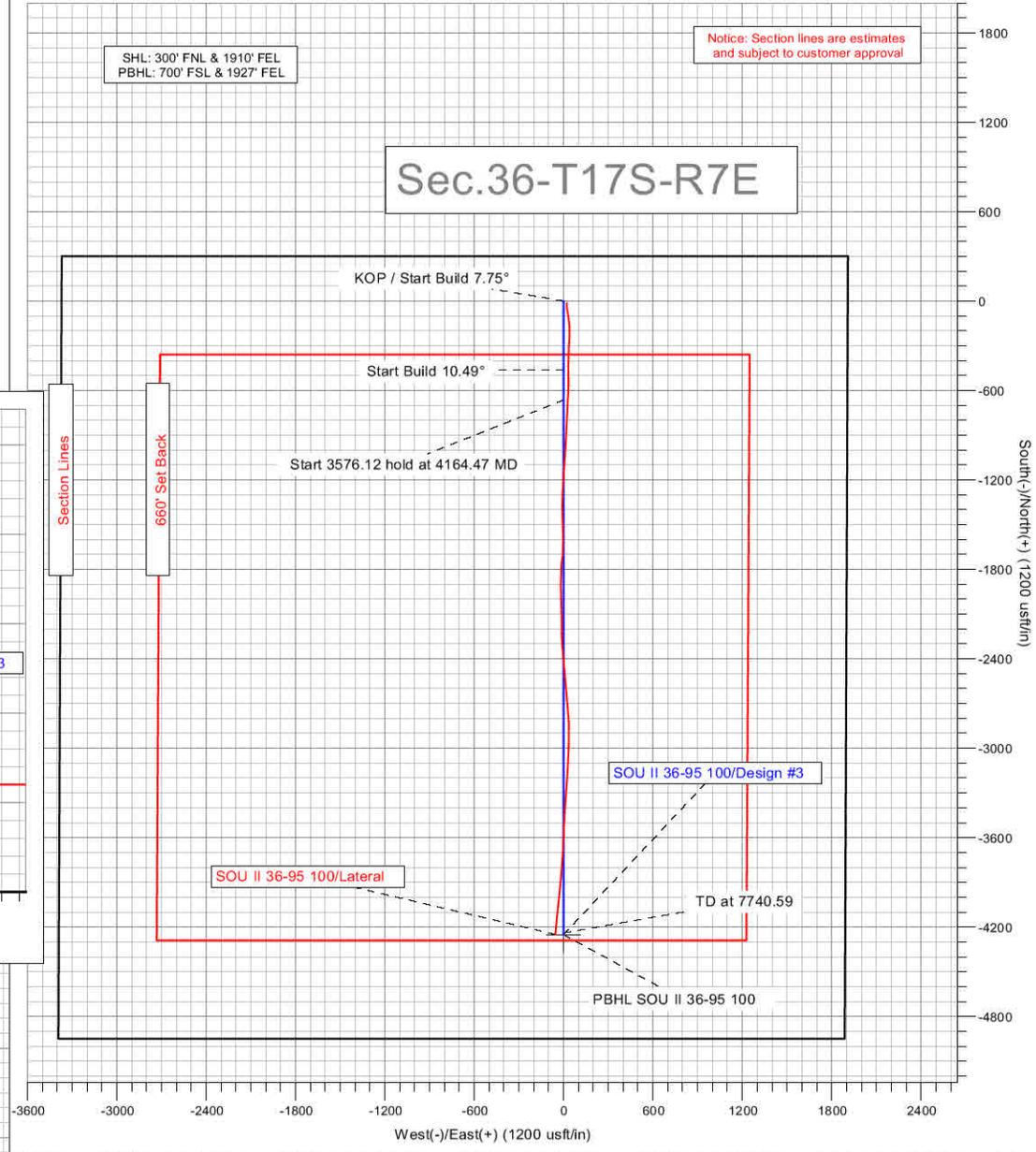
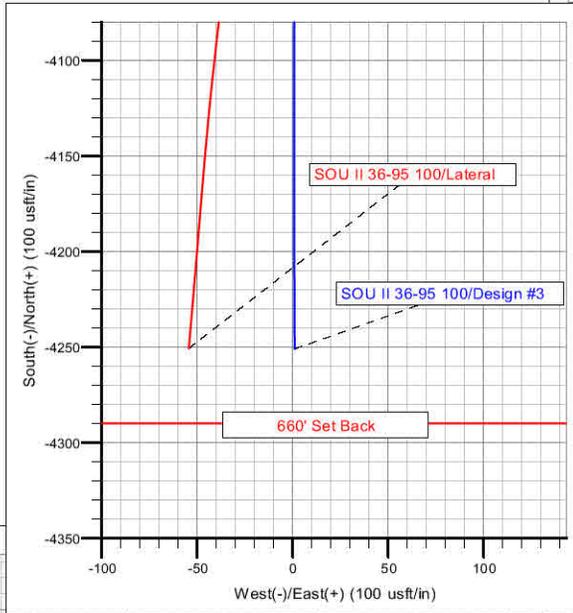


Azimuths to True North  
 Magnetic North: 11.29°

Magnetic Field  
 Strength: 51465.7snT  
 Dip Angle: 64.93°  
 Date: 11/28/2013  
 Model: IGRF2010-14

Survey: Lateral (SOU II 36-95 100/Wellbore #1)

Created By: M. Ramich Date: 14:04, January 03 2014





## **XTO Energy**

**Emery Co., UT  
Sec.36-T17S-R7E  
SOU II 36-95 100**

**Wellbore #1**

**Survey: Lateral**

## **Standard Survey Report**

**03 January, 2014**





# Phoenix Technology Services

## Survey Report



<b>Database:</b>	RMR Compass DB	<b>Local Co-ordinate Reference:</b>	Well SOU II 36-95 100
<b>Company:</b>	XTO Energy	<b>TVD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Project:</b>	Emery Co., UT	<b>MD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Site:</b>	Sec.36-T17S-R7E	<b>North Reference:</b>	True
<b>Well:</b>	SOU II 36-95 100	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Job Number</b>	Wellbore #1		

<b>Project</b>	Emery Co., UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Sec.36-T17S-R7E				
<b>Site Position:</b>		<b>Northing:</b>	6,916,524.881 usft	<b>Latitude:</b>	39.31
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,758,047.474 usft	<b>Longitude:</b>	-111.08
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.27 °

<b>Well</b>	SOU II 36-95 100					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	6,916,524.881 usft	<b>Latitude:</b>	39.306836
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	1,758,047.474 usft	<b>Longitude:</b>	-111.084281
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	7,064.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010-14	11/28/13	11.29	64.93	51,466

<b>Job Number</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	3,744.00	0.00	0.00	179.99	

<b>Survey Program</b>	<b>Date</b>	01/03/14			
<b>From ()</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	3,000.00	OWB (Wellbore #1)	GYRO	Gyro-compassing and drop	
0.00	3,090.00	Gyro (Wellbore #1)	GYRO	Gyro-compassing and drop	

<b>Survey</b>											
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>Subsea Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
<b>Tie In To Gyros</b>											
3,090.00	5.86	182.40	3,089.74	-3,986.26	-13.11	23.36	13.12	0.00	0.00	0.00	
<b>First Phoenix MWD Survey</b>											
3,128.00	7.40	192.40	3,127.49	-3,948.51	-17.44	22.75	17.44	5.05	4.05	26.32	
3,160.00	8.80	185.20	3,159.17	-3,916.83	-21.89	22.09	21.89	5.39	4.38	-22.50	
3,191.00	11.30	183.90	3,189.69	-3,886.31	-27.28	21.66	27.29	8.10	8.06	-4.19	
3,223.00	13.10	178.30	3,220.97	-3,855.03	-34.04	21.56	34.04	6.73	5.63	-17.50	
3,255.00	15.10	172.80	3,252.00	-3,824.00	-41.80	22.19	41.80	7.52	6.25	-17.19	



# Phoenix Technology Services

## Survey Report



<b>Database:</b>	RMR Compass DB	<b>Local Co-ordinate Reference:</b>	Well SOU II 36-95 100
<b>Company:</b>	XTO Energy	<b>TVD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Project:</b>	Emery Co., UT	<b>MD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Site:</b>	Sec.36-T17S-R7E	<b>North Reference:</b>	True
<b>Well:</b>	SOU II 36-95 100	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Job Number</b>	Wellbore #1		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,286.00	17.30	170.10	3,281.77	-3,794.23	-50.34	23.49	50.35	7.50	7.10	-8.71
3,318.00	19.10	168.90	3,312.17	-3,763.83	-60.17	25.31	60.18	5.75	5.63	-3.75
3,350.00	21.70	169.20	3,342.16	-3,733.84	-71.12	27.43	71.13	8.13	8.13	0.94
3,381.00	26.20	173.20	3,370.49	-3,705.51	-83.55	29.31	83.56	15.42	14.52	12.90
3,413.00	29.50	172.20	3,398.78	-3,677.22	-98.38	31.22	98.38	10.41	10.31	-3.13
3,445.00	31.00	172.10	3,426.42	-3,649.58	-114.35	33.42	114.35	4.69	4.69	-0.31
3,476.00	31.70	172.80	3,452.89	-3,623.11	-130.33	35.54	130.34	2.55	2.26	2.26
3,508.00	32.90	173.50	3,479.94	-3,596.06	-147.31	37.58	147.32	3.93	3.75	2.19
3,540.00	35.50	175.80	3,506.41	-3,569.59	-165.22	39.24	165.23	9.07	8.13	7.19
3,571.00	40.00	179.40	3,530.91	-3,545.09	-184.17	40.01	184.18	16.16	14.52	11.61
3,603.00	43.50	179.90	3,554.78	-3,521.22	-205.47	40.13	205.48	10.99	10.94	1.56
3,634.00	48.20	180.90	3,576.37	-3,499.63	-227.71	39.97	227.72	15.34	15.16	3.23
3,666.00	50.90	182.90	3,597.13	-3,478.87	-252.04	39.16	252.05	9.68	8.44	6.25
3,697.00	51.80	183.30	3,616.49	-3,459.51	-276.22	37.85	276.22	3.07	2.90	1.29
3,729.00	51.60	182.40	3,636.33	-3,439.67	-301.30	36.60	301.30	2.29	-0.63	-2.81
3,761.00	52.40	181.90	3,656.03	-3,419.97	-326.49	35.65	326.50	2.79	2.50	-1.56
3,792.00	52.90	182.40	3,674.83	-3,401.17	-351.12	34.73	351.13	2.06	1.61	1.61
3,824.00	54.30	182.40	3,693.82	-3,382.18	-376.85	33.65	376.86	4.38	4.38	0.00
3,855.00	55.20	181.80	3,711.71	-3,364.29	-402.15	32.72	402.16	3.31	2.90	-1.94
3,876.00	57.10	181.30	3,723.41	-3,352.59	-419.59	32.25	419.59	9.26	9.05	-2.38
3,906.00	60.30	179.40	3,739.00	-3,337.00	-445.21	32.10	445.22	11.96	10.67	-6.33
3,936.00	62.00	179.00	3,753.47	-3,322.53	-471.49	32.47	471.49	5.79	5.67	-1.33
3,967.00	64.00	179.20	3,767.54	-3,308.46	-499.10	32.90	499.11	6.48	6.45	0.65
3,998.00	66.90	180.00	3,780.42	-3,295.58	-527.30	33.10	527.30	9.64	9.35	2.58
4,029.00	70.20	180.60	3,791.76	-3,284.24	-556.14	32.94	556.15	10.80	10.65	1.94
4,060.00	72.60	181.40	3,801.64	-3,274.36	-585.52	32.43	585.53	8.12	7.74	2.58
4,091.00	75.70	183.00	3,810.11	-3,265.89	-615.31	31.28	615.32	11.16	10.00	5.16
4,122.00	81.00	182.80	3,816.37	-3,259.63	-645.62	29.75	645.63	17.11	17.10	-0.65
4,153.00	87.00	182.60	3,819.61	-3,256.39	-676.41	28.30	676.41	19.37	19.35	-0.65
4,184.00	94.00	182.50	3,819.34	-3,256.66	-707.36	26.92	707.36	22.58	22.58	-0.32
4,214.00	96.40	182.40	3,816.62	-3,259.38	-737.20	25.64	737.21	8.01	8.00	-0.33
4,245.00	94.80	183.00	3,813.59	-3,262.41	-768.02	24.19	768.02	5.51	-5.16	1.94
4,275.00	92.40	183.70	3,811.71	-3,264.29	-797.91	22.44	797.91	8.33	-8.00	2.33
4,305.00	91.60	183.60	3,810.66	-3,265.34	-827.83	20.53	827.83	2.69	-2.67	-0.33
4,336.00	91.90	183.20	3,809.72	-3,266.28	-858.76	18.69	858.76	1.61	0.97	-1.29
4,367.00	88.40	181.80	3,809.63	-3,266.37	-889.72	17.34	889.73	12.16	-11.29	-4.52
4,398.00	89.80	181.40	3,810.12	-3,265.88	-920.71	16.47	920.71	4.70	4.52	-1.29
4,429.00	93.10	182.90	3,809.34	-3,266.66	-951.67	15.31	951.67	11.69	10.65	4.84
4,459.00	93.10	183.20	3,807.71	-3,268.29	-981.58	13.72	981.59	1.00	0.00	1.00
4,489.00	90.80	183.00	3,806.69	-3,269.31	-1,011.52	12.10	1,011.52	7.70	-7.67	-0.67
4,520.00	88.70	182.90	3,806.83	-3,269.17	-1,042.48	10.50	1,042.48	6.78	-6.77	-0.32
4,551.00	89.90	184.40	3,807.21	-3,268.79	-1,073.41	8.53	1,073.41	6.20	3.87	4.84
4,583.00	90.30	184.80	3,807.15	-3,268.85	-1,105.31	5.96	1,105.31	1.77	1.25	1.25



# Phoenix Technology Services

## Survey Report



<b>Database:</b>	RMR Compass DB	<b>Local Co-ordinate Reference:</b>	Well SOU II 36-95 100
<b>Company:</b>	XTO Energy	<b>TVD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Project:</b>	Emery Co., UT	<b>MD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Site:</b>	Sec.36-T17S-R7E	<b>North Reference:</b>	True
<b>Well:</b>	SOU II 36-95 100	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Job Number</b>	Wellbore #1		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,613.00	89.80	183.70	3,807.13	-3,268.87	-1,135.22	3.74	1,135.22	4.03	-1.67	-3.67
4,644.00	89.20	183.40	3,807.40	-3,268.60	-1,166.16	1.82	1,166.16	2.16	-1.94	-0.97
4,674.00	88.40	185.20	3,808.02	-3,267.98	-1,196.07	-0.43	1,196.07	6.56	-2.67	6.00
4,707.00	89.20	183.30	3,808.72	-3,267.28	-1,228.97	-2.88	1,228.97	6.25	2.42	-5.76
4,739.00	92.20	182.90	3,808.33	-3,267.68	-1,260.92	-4.61	1,260.92	9.46	9.38	-1.25
4,770.00	92.50	181.60	3,807.05	-3,268.95	-1,291.87	-5.82	1,291.87	4.30	0.97	-4.19
4,802.00	91.70	181.50	3,805.88	-3,270.12	-1,323.83	-6.69	1,323.83	2.52	-2.50	-0.31
4,834.00	91.00	181.70	3,805.13	-3,270.87	-1,355.81	-7.58	1,355.81	2.27	-2.19	0.63
4,865.00	92.00	181.20	3,804.32	-3,271.68	-1,386.79	-8.36	1,386.79	3.61	3.23	-1.61
4,897.00	93.60	179.80	3,802.75	-3,273.25	-1,418.75	-8.64	1,418.75	6.64	5.00	-4.38
4,929.00	93.60	178.80	3,800.74	-3,275.26	-1,450.68	-8.25	1,450.68	3.12	0.00	-3.13
4,950.00	92.80	177.60	3,799.57	-3,276.43	-1,471.64	-7.59	1,471.64	6.86	-3.81	-5.71
4,981.00	91.00	177.70	3,798.54	-3,277.46	-1,502.60	-6.32	1,502.59	5.82	-5.81	0.32
5,011.00	90.50	177.30	3,798.15	-3,277.85	-1,532.56	-5.02	1,532.56	2.13	-1.67	-1.33
5,042.00	90.00	177.20	3,798.02	-3,277.98	-1,563.53	-3.53	1,563.53	1.64	-1.61	-0.32
5,072.00	89.10	178.50	3,798.25	-3,277.75	-1,593.51	-2.40	1,593.50	5.27	-3.00	4.33
5,103.00	89.60	180.10	3,798.60	-3,277.40	-1,624.50	-2.02	1,624.50	5.41	1.61	5.16
5,134.00	90.60	181.70	3,798.55	-3,277.45	-1,655.49	-2.51	1,655.49	6.09	3.23	5.16
5,164.00	91.30	185.00	3,798.05	-3,277.95	-1,685.43	-4.26	1,685.43	11.24	2.33	11.00
5,205.00	91.10	187.20	3,797.19	-3,278.81	-1,726.19	-8.62	1,726.19	5.39	-0.49	5.37
5,236.00	88.60	186.40	3,797.27	-3,278.73	-1,756.97	-12.29	1,756.97	8.47	-8.06	-2.58
5,268.00	86.10	184.80	3,798.75	-3,277.25	-1,788.78	-15.41	1,788.78	9.27	-7.81	-5.00
5,300.00	86.30	182.80	3,800.87	-3,275.13	-1,820.64	-17.52	1,820.63	6.27	0.63	-6.25
5,331.00	86.30	181.10	3,802.87	-3,273.13	-1,851.55	-18.58	1,851.55	5.47	0.00	-5.48
5,363.00	89.10	179.70	3,804.16	-3,271.84	-1,883.52	-18.80	1,883.52	9.78	8.75	-4.38
5,394.00	91.60	178.50	3,803.97	-3,272.03	-1,914.52	-18.31	1,914.51	8.95	8.06	-3.87
5,426.00	91.70	177.10	3,803.05	-3,272.95	-1,946.48	-17.09	1,946.47	4.38	0.31	-4.38
5,458.00	92.60	177.90	3,801.85	-3,274.15	-1,978.43	-15.69	1,978.42	3.76	2.81	2.50
5,489.00	92.50	178.70	3,800.47	-3,275.53	-2,009.38	-14.77	2,009.38	2.60	-0.32	2.58
5,521.00	92.30	178.70	3,799.13	-3,276.87	-2,041.34	-14.05	2,041.34	0.63	-0.63	0.00
5,553.00	92.00	179.30	3,797.93	-3,278.07	-2,073.32	-13.49	2,073.31	2.10	-0.94	1.88
5,584.00	91.40	179.40	3,797.01	-3,278.99	-2,104.30	-13.14	2,104.30	1.96	-1.94	0.32
5,615.00	89.50	180.20	3,796.76	-3,279.24	-2,135.30	-13.03	2,135.29	6.65	-6.13	2.58
5,646.00	89.50	180.00	3,797.04	-3,278.97	-2,166.30	-13.08	2,166.29	0.65	0.00	-0.65
5,678.00	89.60	179.60	3,797.29	-3,278.71	-2,198.30	-12.97	2,198.29	1.29	0.31	-1.25
5,709.00	89.50	178.80	3,797.53	-3,278.47	-2,229.29	-12.54	2,229.29	2.60	-0.32	-2.58
5,741.00	89.60	176.90	3,797.78	-3,278.22	-2,261.27	-11.34	2,261.26	5.95	0.31	-5.94
5,773.00	89.50	177.40	3,798.03	-3,277.97	-2,293.23	-9.75	2,293.22	1.59	-0.31	1.56
5,804.00	90.20	175.60	3,798.11	-3,277.89	-2,324.17	-7.85	2,324.16	6.23	2.26	-5.81
5,836.00	90.20	174.00	3,798.00	-3,278.00	-2,356.03	-4.95	2,356.03	5.00	0.00	-5.00
5,867.00	91.20	174.70	3,797.62	-3,278.38	-2,386.88	-1.90	2,386.88	3.94	3.23	2.26
5,899.00	92.20	174.30	3,796.67	-3,279.33	-2,418.72	1.16	2,418.72	3.37	3.13	-1.25



# Phoenix Technology Services

## Survey Report



<b>Database:</b>	RMR Compass DB	<b>Local Co-ordinate Reference:</b>	Well SOU II 36-95 100
<b>Company:</b>	XTO Energy	<b>TVD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Project:</b>	Emery Co., UT	<b>MD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Site:</b>	Sec.36-T17S-R7E	<b>North Reference:</b>	True
<b>Well:</b>	SOU II 36-95 100	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Job Number</b>	Wellbore #1		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,930.00	92.60	173.70	3,795.38	-3,280.62	-2,449.52	4.40	2,449.52	2.32	1.29	-1.94
5,962.00	91.20	175.20	3,794.31	-3,281.69	-2,481.35	7.49	2,481.35	6.41	-4.38	4.69
5,993.00	89.40	176.50	3,794.15	-3,281.85	-2,512.27	9.74	2,512.27	7.16	-5.81	4.19
6,025.00	88.80	175.90	3,794.66	-3,281.35	-2,544.19	11.86	2,544.20	2.65	-1.88	-1.88
6,057.00	88.60	175.70	3,795.38	-3,280.62	-2,576.10	14.20	2,576.10	0.88	-0.63	-0.63
6,088.00	89.10	174.90	3,796.00	-3,280.00	-2,606.99	16.74	2,606.99	3.04	1.61	-2.58
6,120.00	90.40	175.10	3,796.14	-3,279.86	-2,638.87	19.53	2,638.87	4.11	4.06	0.63
6,151.00	90.80	174.90	3,795.82	-3,280.18	-2,669.75	22.23	2,669.75	1.44	1.29	-0.65
6,183.00	90.60	174.80	3,795.43	-3,280.57	-2,701.61	25.10	2,701.62	0.70	-0.63	-0.31
6,214.00	89.10	174.40	3,795.51	-3,280.49	-2,732.48	28.02	2,732.48	5.01	-4.84	-1.29
6,246.00	89.10	176.30	3,796.01	-3,279.99	-2,764.37	30.61	2,764.37	5.94	0.00	5.94
6,277.00	88.60	175.50	3,796.63	-3,279.37	-2,795.28	32.83	2,795.29	3.04	-1.61	-2.58
6,309.00	89.00	177.00	3,797.30	-3,278.70	-2,827.20	34.92	2,827.21	4.85	1.25	4.69
6,341.00	89.90	178.30	3,797.61	-3,278.39	-2,859.17	36.23	2,859.18	4.94	2.81	4.06
6,373.00	90.20	179.00	3,797.58	-3,278.42	-2,891.16	36.99	2,891.17	2.38	0.94	2.19
6,404.00	88.40	180.40	3,797.96	-3,278.04	-2,922.16	37.15	2,922.17	7.36	-5.81	4.52
6,436.00	88.70	181.70	3,798.77	-3,277.23	-2,954.14	36.56	2,954.15	4.17	0.94	4.06
6,467.00	89.80	182.50	3,799.18	-3,276.82	-2,985.12	35.43	2,985.13	4.39	3.55	2.58
6,499.00	89.70	182.70	3,799.32	-3,276.68	-3,017.09	33.98	3,017.09	0.70	-0.31	0.63
6,531.00	90.50	182.90	3,799.26	-3,276.74	-3,049.05	32.41	3,049.05	2.58	2.50	0.63
6,562.00	90.20	182.90	3,799.07	-3,276.93	-3,080.01	30.85	3,080.01	0.97	-0.97	0.00
6,594.00	89.90	182.90	3,799.04	-3,276.96	-3,111.97	29.23	3,111.97	0.94	-0.94	0.00
6,625.00	89.40	182.30	3,799.23	-3,276.77	-3,142.93	27.82	3,142.94	2.52	-1.61	-1.94
6,657.00	90.40	183.70	3,799.29	-3,276.71	-3,174.89	26.15	3,174.89	5.38	3.13	4.38
6,689.00	90.50	183.50	3,799.04	-3,276.96	-3,206.82	24.14	3,206.83	0.70	0.31	-0.63
6,721.00	91.60	184.30	3,798.45	-3,277.55	-3,238.74	21.96	3,238.75	4.25	3.44	2.50
6,752.00	91.50	184.60	3,797.61	-3,278.39	-3,269.64	19.56	3,269.64	1.02	-0.32	0.97
6,784.00	91.40	185.10	3,796.80	-3,279.20	-3,301.51	16.85	3,301.52	1.59	-0.31	1.56
6,816.00	91.20	184.60	3,796.08	-3,279.92	-3,333.39	14.15	3,333.39	1.68	-0.63	-1.56
6,847.00	90.40	183.00	3,795.64	-3,280.36	-3,364.32	12.09	3,364.32	5.77	-2.58	-5.16
6,879.00	90.30	182.90	3,795.45	-3,280.55	-3,396.28	10.45	3,396.28	0.44	-0.31	-0.31
6,911.00	89.80	183.10	3,795.42	-3,280.58	-3,428.23	8.77	3,428.23	1.68	-1.56	0.63
6,942.00	89.10	183.40	3,795.72	-3,280.28	-3,459.18	7.01	3,459.18	2.46	-2.26	0.97
6,974.00	89.30	183.10	3,796.16	-3,279.84	-3,491.13	5.20	3,491.13	1.13	0.63	-0.94
7,005.00	89.40	183.70	3,796.52	-3,279.48	-3,522.07	3.36	3,522.07	1.96	0.32	1.94
7,037.00	89.20	182.90	3,796.91	-3,279.09	-3,554.01	1.52	3,554.01	2.58	-0.63	-2.50
7,068.00	88.50	181.40	3,797.53	-3,278.47	-3,584.98	0.36	3,584.98	5.34	-2.26	-4.84
7,100.00	89.80	181.40	3,798.00	-3,278.00	-3,616.97	-0.43	3,616.97	4.06	4.06	0.00
7,132.00	91.10	182.90	3,797.75	-3,278.25	-3,648.94	-1.63	3,648.94	6.20	4.06	4.69
7,164.00	90.80	183.10	3,797.22	-3,278.78	-3,680.90	-3.30	3,680.90	1.13	-0.94	0.63
7,195.00	90.10	183.40	3,796.98	-3,279.02	-3,711.85	-5.06	3,711.84	2.46	-2.26	0.97
7,227.00	89.70	183.90	3,797.03	-3,278.97	-3,743.78	-7.10	3,743.78	2.00	-1.25	1.56
7,259.00	90.50	184.60	3,796.98	-3,279.02	-3,775.69	-9.47	3,775.69	3.32	2.50	2.19



# Phoenix Technology Services

## Survey Report



<b>Database:</b>	RMR Compass DB	<b>Local Co-ordinate Reference:</b>	Well SOU II 36-95 100
<b>Company:</b>	XTO Energy	<b>TVD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Project:</b>	Emery Co., UT	<b>MD Reference:</b>	WELL @ 7076.00usft (Original Well Elev)
<b>Site:</b>	Sec.36-T17S-R7E	<b>North Reference:</b>	True
<b>Well:</b>	SOU II 36-95 100	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Job Number</b>	Wellbore #1		

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,290.00	90.50	184.70	3,796.71	-3,279.29	-3,806.59	-11.98	3,806.59	0.32	0.00	0.32	
7,322.00	90.40	185.00	3,796.46	-3,279.54	-3,838.47	-14.69	3,838.47	0.99	-0.31	0.94	
7,354.00	90.20	185.10	3,796.29	-3,279.71	-3,870.35	-17.50	3,870.34	0.70	-0.63	0.31	
7,385.00	89.80	185.40	3,796.29	-3,279.71	-3,901.22	-20.34	3,901.21	1.61	-1.29	0.97	
7,417.00	89.50	185.40	3,796.49	-3,279.51	-3,933.08	-23.35	3,933.07	0.94	-0.94	0.00	
7,448.00	89.30	185.50	3,796.81	-3,279.19	-3,963.93	-26.29	3,963.93	0.72	-0.65	0.32	
7,480.00	89.50	186.20	3,797.14	-3,278.86	-3,995.77	-29.56	3,995.76	2.27	0.63	2.19	
7,511.00	89.00	186.20	3,797.55	-3,278.45	-4,026.58	-32.90	4,026.57	1.61	-1.61	0.00	
7,543.00	89.80	186.10	3,797.89	-3,278.11	-4,058.39	-36.33	4,058.39	2.52	2.50	-0.31	
7,575.00	89.90	186.50	3,797.97	-3,278.03	-4,090.20	-39.84	4,090.19	1.29	0.31	1.25	
7,607.00	89.40	185.90	3,798.17	-3,277.84	-4,122.01	-43.30	4,122.00	2.44	-1.56	-1.88	
7,638.00	89.50	184.70	3,798.46	-3,277.54	-4,152.88	-46.16	4,152.87	3.88	0.32	-3.87	
7,670.00	89.60	184.60	3,798.71	-3,277.29	-4,184.77	-48.76	4,184.76	0.44	0.31	-0.31	
7,690.00	89.70	184.90	3,798.84	-3,277.16	-4,204.70	-50.41	4,204.69	1.58	0.50	1.50	
<b>Projection To Bit</b>											
7,736.00	89.70	184.90	3,799.08	-3,276.92	-4,250.53	-54.34	4,250.52	0.00	0.00	0.00	

Survey Annotations					
Measured Depth (')	Vertical Depth (')	Local Coordinates		Comment	
		+N/-S (')	+E/-W (')		
3,090.00	3,089.74	-13.11	23.36	Tie In To Gyros	
3,128.00	3,127.49	-17.44	22.75	First Phoenix MWD Survey	
7,736.00	3,799.08	-4,250.53	-54.34	Projection To Bit	

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_