

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

FORM 3

AMENDED REPORT   
(highlight changes)

001

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: ML43209	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X	
2. NAME OF OPERATOR: ConocoPhillips Company			9. WELL NAME and NUMBER: Utah 32-617	
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		PHONE NUMBER: (435) 613-9777	10. FIELD AND POOL, OR WILDCAT: Drunkards Wash	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 144' FNL, 648' FWL AT PROPOSED PRODUCING ZONE:			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 15 09	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 10.8 miles SW of Price, Utah			12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 144'	16. NUMBER OF ACRES IN LEASE: 320	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1800'	19. PROPOSED DEPTH: 3,740	20. BOND DESCRIPTION: Rotary		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6579.5'	22. APPROXIMATE DATE WORK WILL START: 5/1/2004	23. ESTIMATED DURATION:		

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
14"	12 3/4" Conductor	40	
11"	J-55 8 5/8" 24#/ft	374	160 sks G+2&CaCl +1/4#/sk flocel
7 7/8"	N-80 5 1/2" 17#/ft	3,730	200 sks 50/50 poz 8%gel+2% CaCl+1% extender
			90 sks "G" thixotropic

**RECEIVED**

**ATTACHMENTS**

APR 02 2004

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

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

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jean Semborski TITLE Planning and Compliance Supervisor  
SIGNATURE \_\_\_\_\_ DATE 3/15/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-007-30935

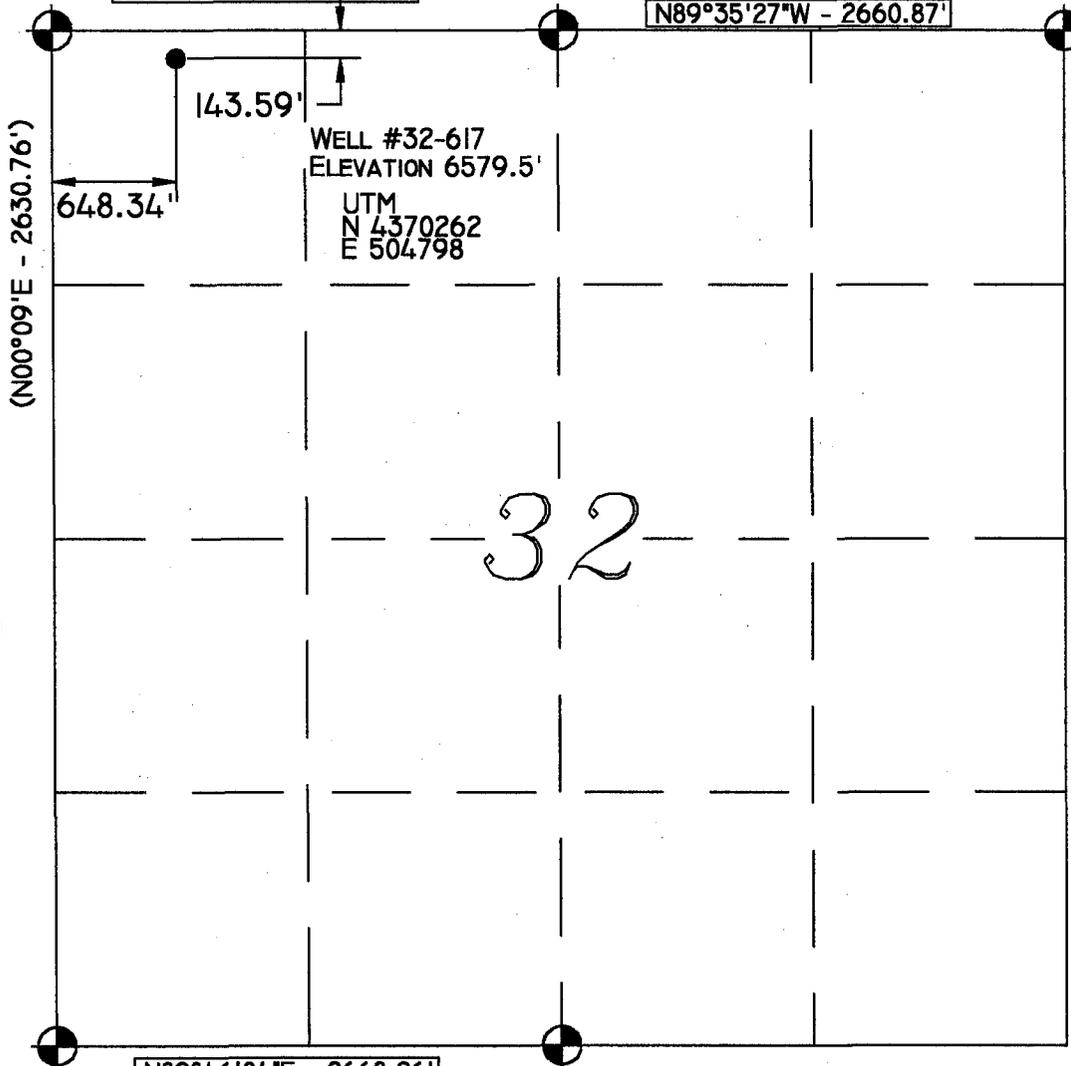
**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 3-27-04  
BY:

**CONFIDENTIAL**

# Range 9 East

(S89°43'W - 2667.72')  
N89°46'04"E - 2668.26'

(N89°31'W - 2660.46')  
N89°35'27"W - 2660.87'



Township 15 South  
(N00°09'E - 2630.76')

(N0°09'W - 5332.8')

N89°46'04"E - 2668.26'

**Location:**  
THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

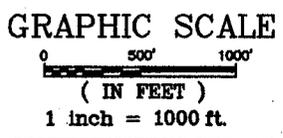
**Basis of Bearing:**  
THE BASIS OF BEARING IS GPS MEASURED.

**GLO Bearing:**  
THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

**Basis of Elevation:**  
BASIS OF ELEVATION OF 6859' BEING AT THE SOUTHWEST SECTION CORNER OF SECTION 31, TOWNSHIP 15 SOUTH, RANGE 9 EAST, SALT LAKE BASE & MERIDIAN AS SHOWN ON THE HIAWATHA QUADRANGLE 7.5 MINUTE SERIES MAP.

**Description of Location:**  
PROPOSED DRILL HOLE IS LOCATED IN THE NW1/4 NW1/4 OF SECTION SECTION 32, T15S, R9E, S.L.B.&M., BEING 143.59' SOUTH AND 648.34' EAST FROM THE NORTHWEST SECTION CORNER OF SECTION 32, T15S, R9E, SALT LAKE BASE & 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.



- LEGEND**
- DRILL HOLE LOCATION
  - ⊕ METAL CAP (FOUND)
  - BRASS CAP (SEARCHED FOR, BUT NOT FOUND)
  - △ WITNESS CORNER
  - ( ) GLO
- GPS MEASURED

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

**SURFACE LOCATION**

LAT/LONG
39°29'02"N
110°56'39"W

**TALON RESOURCES, INC.**  
195 N. 100 W., P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talon@etv.net

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**ConocoPhillips Company**

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Section 32, T15S, R9E, S.L.B.&M.  
Carbon County, Utah  
**WELL #32-617**

Drawn By: J. STANSFIELD	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 03/08/04
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 1299



6825 South 5300 West  
P.O. Box 851  
Price, UT 84501  
phone 435.613.9777  
fax 435.613.9782

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APR 02 2004

DIV. OF OIL, GAS &amp; MINING

March 15, 2004

Ms Diana Mason  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
SLC, Utah 84114-5801

RE: Application for Permit to Drill-  
Utah 32-617, NW/4 NW/4 Sec. 32  
T15S, R09E, SLB & M, Carbon County, Utah

Dear Ms. Mason:

Enclosed is the original of the *Application for Permit to Drill (APD)*. Included with the APD is the following information:

- Exhibit "A"- Survey Plat of the Proposed Well Site;
- Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;
- Exhibit "C" - Drilling Site Layout;
- Exhibit "D" - Drilling Information
- Exhibit "E" - Multipoint Surface Use Plan
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H" - Typical Wellhead Manifold;
- Exhibit "I" - Evidence of Bond;

**ORIGINAL****CONFIDENTIAL**

Utah 32-617

Page 2

This proposed well is located within the Drunkards Wash Federal Unit. Because of topographic constraints in the area, however, the proposed location, 144' FNL and 648' FWL, is outside of the "spacing window" specified by Cause No. 243-2 and will be an exception location under Utah Administrative Code Rule R649-3-3-1.3. For this well, as shown on the APD Exhibit A, 1 of 3, ConocoPhillips Company is the only "owner" of record for all leased acreage in the adjacent quarter section, the SW1/4 of section 29, T15S, R9E. Therefore, the requirements for approval of an exception location should be satisfied as required under Utah Administrative Code Rule R649-3-3.

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit 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 me if you have any questions.

Sincerely,



Jean Semborski  
Planning and Compliance Supervisor

cc: Mr. Eric Jones, BLM, Moab, Utah  
Mr. Gene Herrington, Texaco  
Mr. John Lennon, Dominion Resources  
Mr. Don Stephens, BLM, Price, Utah  
Ms. Jane Strickland, ConocoPhillips  
Mrs. Deanna Walker, ConocoPhillips  
Mr. Mark Jones, DOGM, Price, Utah  
ConocoPhillips Well File

EXHIBIT "D"  
DRILLING PROGRAM

Attached to Form 3  
ConocoPhillips Company  
Utah 32-617  
NW/4, NW/4, Sec.32, T15S, R09E, SLB & M  
144' FNL, 648' FWL  
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 3240'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3270' - 3440'

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 1400 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE</u> <u>SIZE</u>	<u>SETTING DEPTH</u> <u>(INTERVAL)</u>	<u>SIZE</u> <u>(OD)</u>	<u>WEIGHT, GRADE</u> <u>&amp; JOINT</u>	<u>NEW,</u> <u>USED</u>
14"	40'	12-3/4"	Conductor	New
11"	374'	8-5/8"	24#ST&C	New
7-7/8"	3730'	5-1/2"	17#LT&C	New

Cement Program -

Surface Casing: 160 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density, 1.15 cu.ft/sk yield. Every attempt will be made to bring cement back to surface.

Production Casing: 200 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal, density, 1.92 cu.ft/sk yield.

90 sks "G" thixotropic, 14.2#/gal density, 1.61 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 BOPE 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	11" 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 1619 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 around May 2004.

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 Form 3  
ConocoPhillips Company  
Utah 32-617  
NW/4, NW/4, Sec. 32, T15S, R09E, SLB&M  
144' FNL, 648' FWL  
Carbon County, Utah

**1. Existing Roads**

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

**2. Planned Access**

Approximately 1000' of new access is required (See Exhibit "B")

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 6 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and Power lines will follow the proposed access road.

**3. Location of Existing Wells**

- a. See Exhibit "B". There are 0 proposed and 11 existing wells within a one-mile radius of the proposed location.

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

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. 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 purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- 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. Any 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. As 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 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 back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or 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. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- 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 pit. The 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 contoured to maintain possible erosion to a minimum.
- 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.

## **11. Surface Ownership:**

- a. The wellsite and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

12. **Other Information:**

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 11,000 feet northeast.
- b. Nearest live water is Miller Creek located at 2300' north.
- c. 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.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

**13. Company Representative**

Jean Semborski  
Permitting Supervisor  
ConocoPhillips Company  
6825 S. 5300 W. P.O. Box 851  
Price, Utah 84501  
(435) 613-9777  
(435) 820-9807

Mail Approved A.P.D. To:

Company Representative

Excavation Contractor

Larry Jensen, Vice President  
Nelco Contractors Inc.  
Vice President  
(435) 637-3495  
(435) 636-5268

**14. Certification**

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite 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 ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

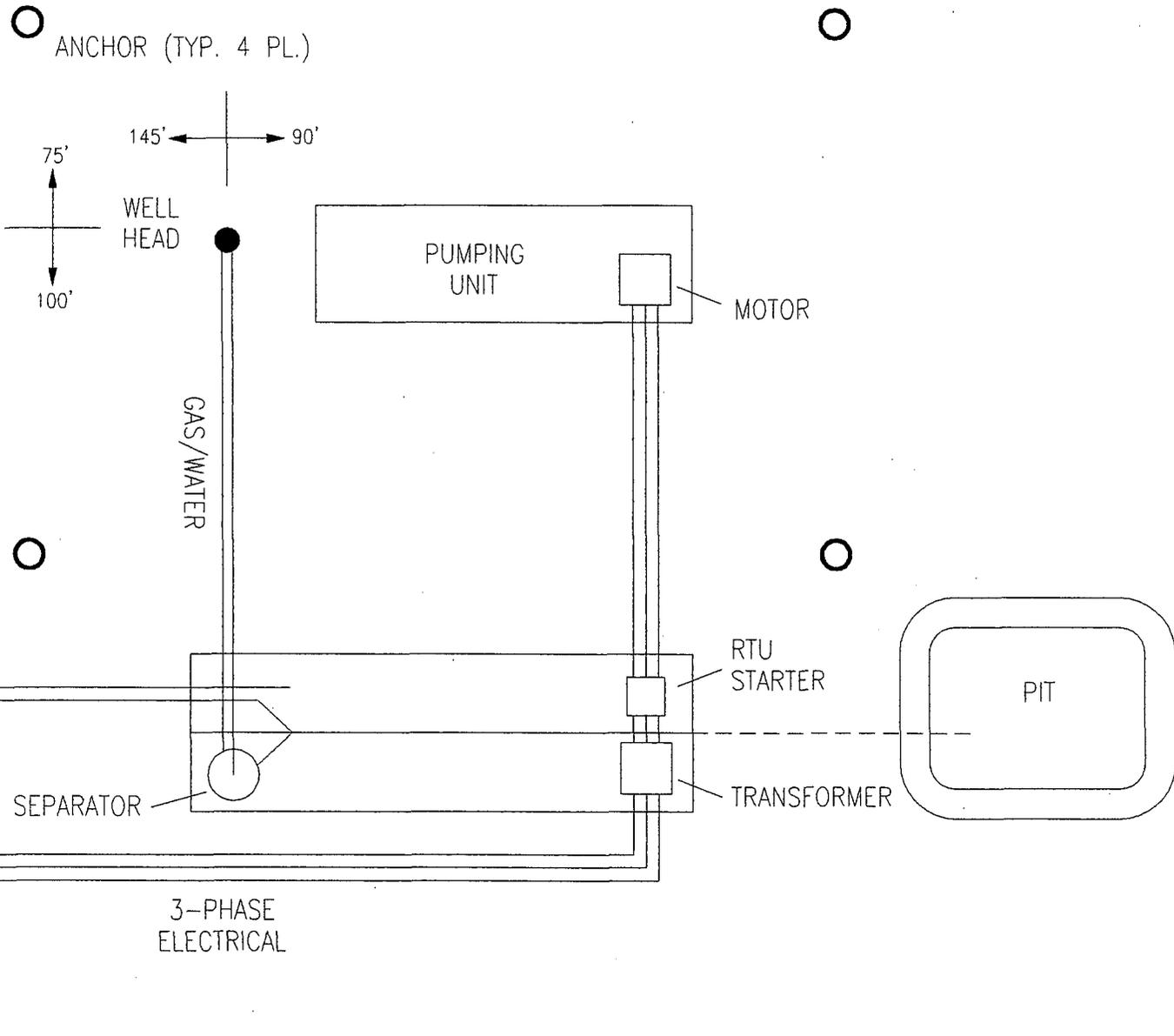
3/17/04  
Date

  
Jean Semborski  
Permitting Supervisor  
ConocoPhillips Company

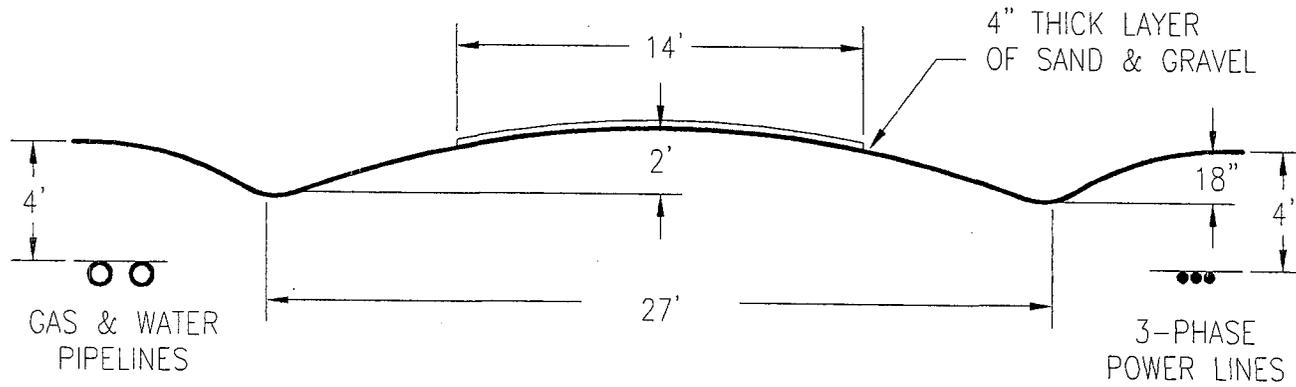
**EXHIBIT E**

# CONOCOPHILLIPS

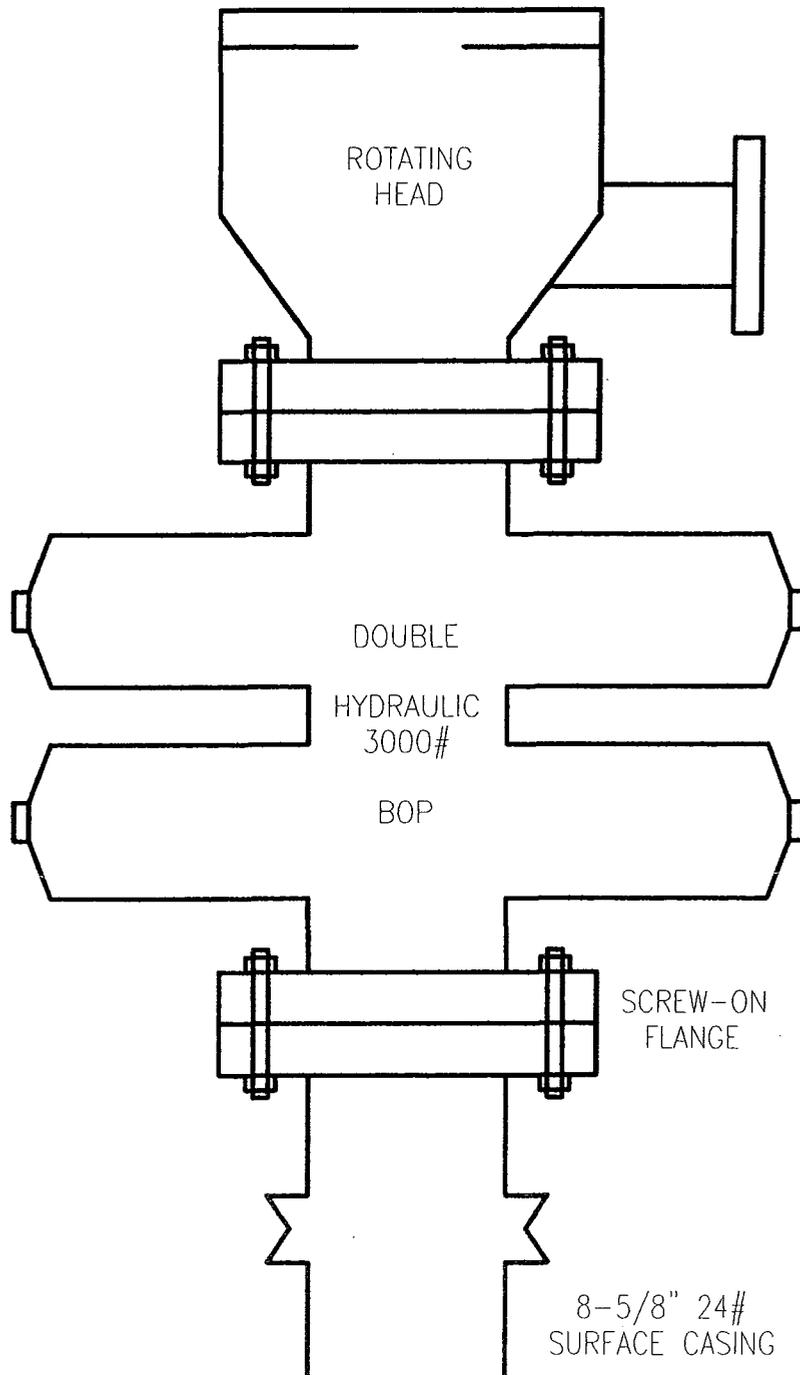
WELL SITE LAYOUT (235' x 175')



# TYPICAL ROAD CROSS-SECTION



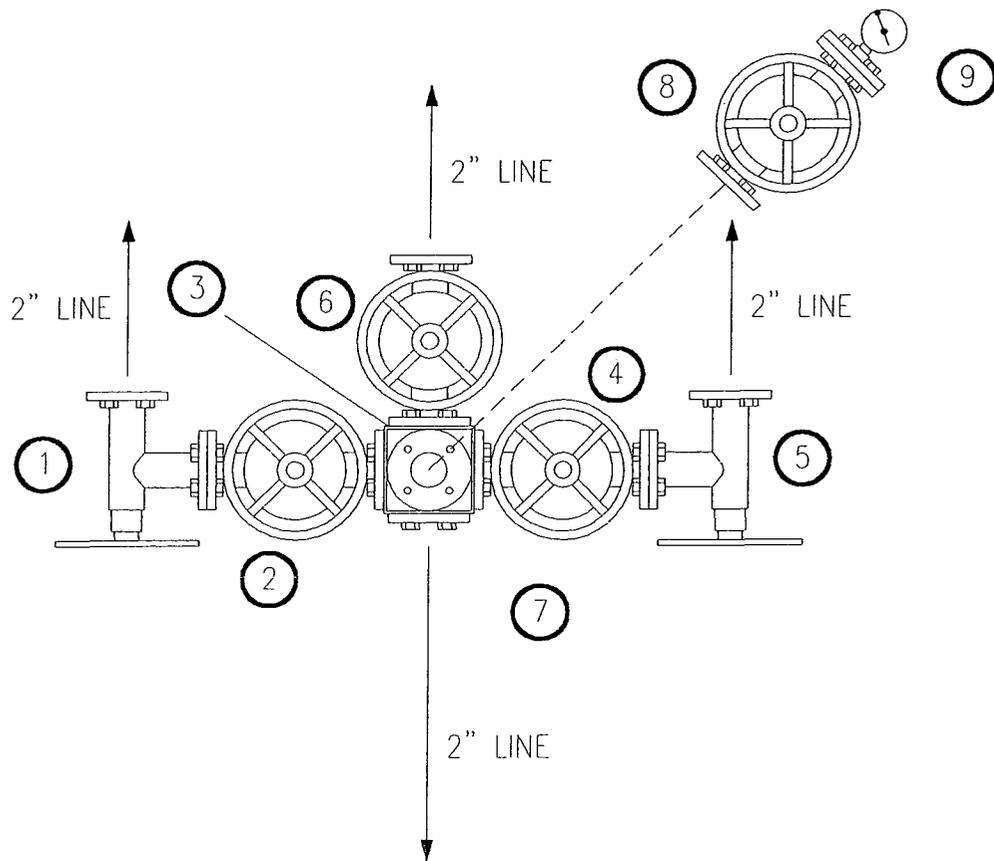
# DIVERTER HEAD



- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



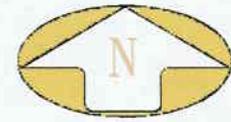
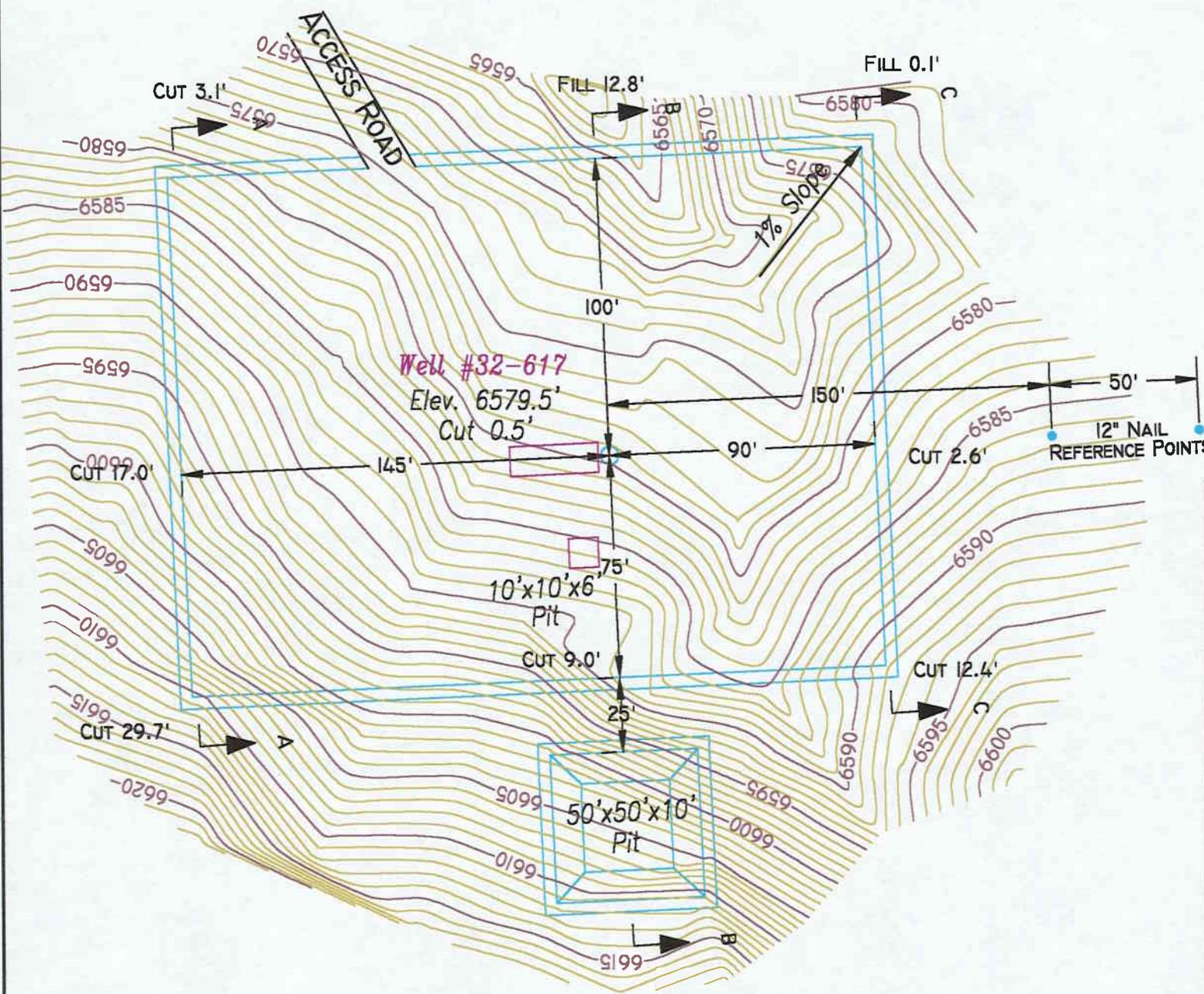
TO BOP  
AND A NEW 2" BALL VALVE  
FULL OPEN 5000 PSI

MANIFOLD

**EXHIBIT H**

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 6579.5'

ELEVATION OF GRADED GROUND AT LOCATION STAKE = 6579.0'



**TALON RESOURCES, INC.**  
 195 North 100 West P.O. Box 1280  
 Huntington, Utah 84528  
 Phone (435)687-5310 Fax (435)687-5311  
 E-Mail talonnetv.net

<b>ConocoPhillips Company</b>	
<b>LOCATION LAYOUT</b>	
Section 32, T15S, R9E, S.L.B.&M. WELL #32-617	
Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 03/08/04
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 1299

**APPROXIMATE YARDAGES**

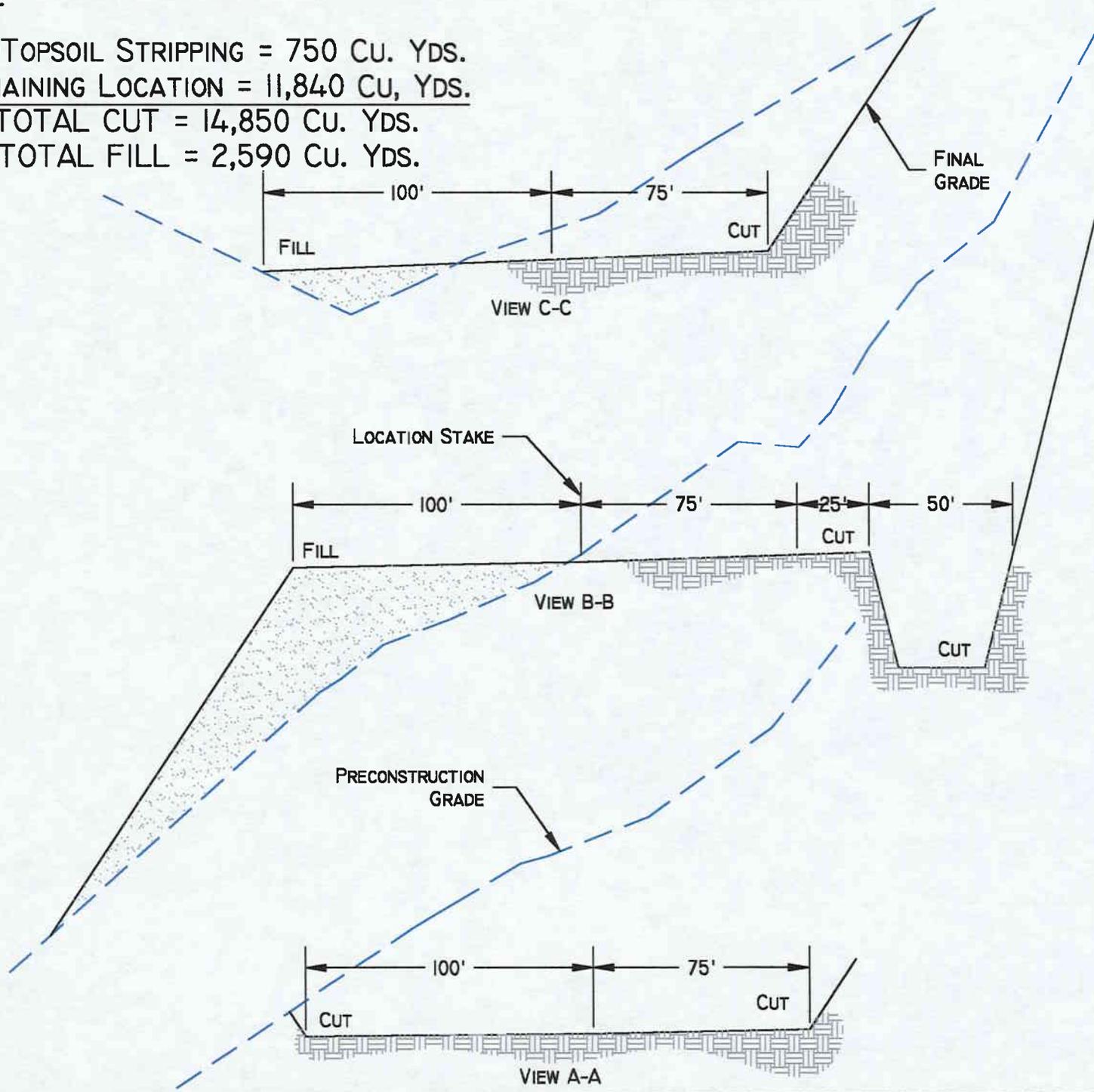
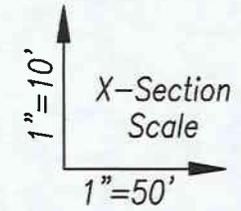
**CUT**

(6") TOPSOIL STRIPPING = 750 CU. YDS.

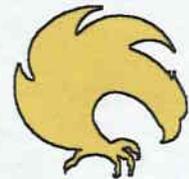
REMAINING LOCATION = 11,840 CU. YDS.

TOTAL CUT = 14,850 CU. YDS.

TOTAL FILL = 2,590 CU. YDS.



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



**TALON RESOURCES, INC**

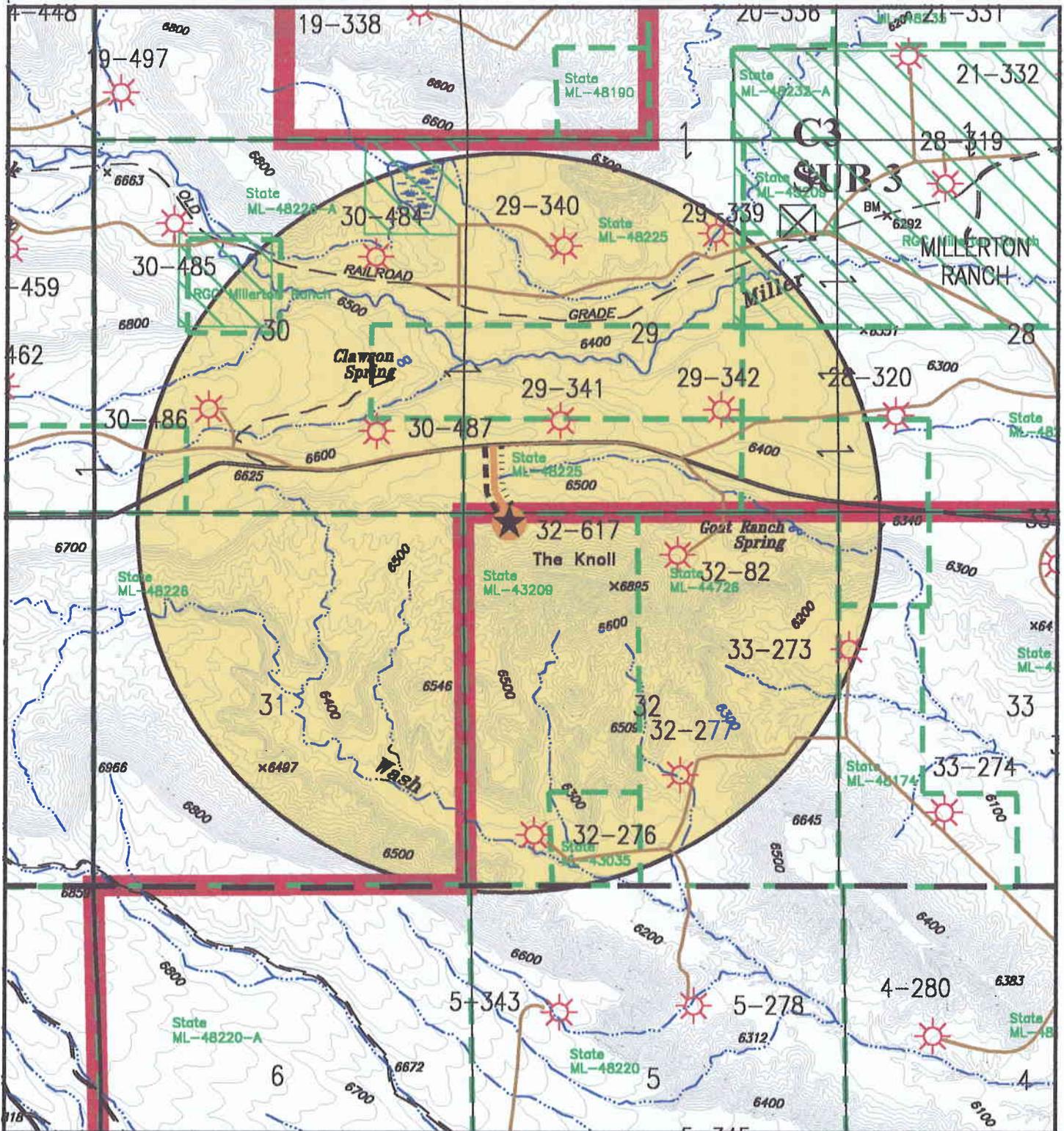
195 North 100 West P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talon@ctv.net

**ConocoPhillips Company**

**TYPICAL CROSS SECTION**  
Section 32, T15S, R9E, S.L.B.&M.  
WELL #32-617

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. C-1	Date: 03/08/04
	Scale: 1" = 50'
Sheet 3 of 4	Job No. 1299

Exhibit "A" 3 OF 3



**LEGEND**

- Proposed Well Location: ★
- Other Proposed Well Locations: ○
- Proposed Powerline: - - -
- Proposed Pipeline: — — —
- Proposed Roads: — — —
- Lease Boundary: — — —
- Existing Wells: ☆

Scale: 1" = 2000'

March 11, 2004

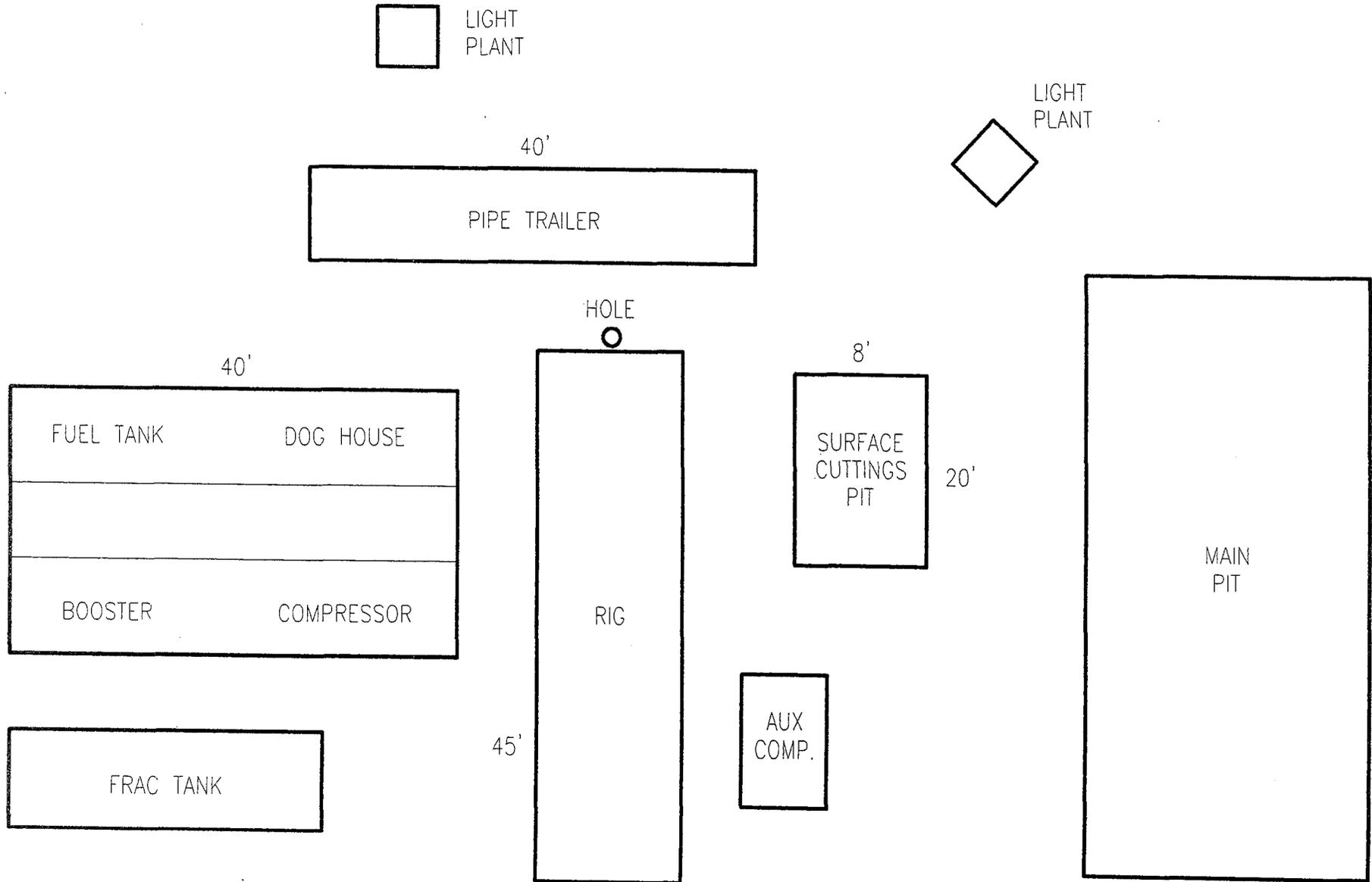
ConocoPhillips  
 6825 South 5300 West  
 P.O. Box 851  
 Price, Utah 84501  
 Phone: (435) 613-9777  
 Fax: (435) 613-9782



**WELL # 32-617**  
**Section 32, T15S, R9E, S.L.B.&M.**  
**Exhibit B 1 of 2**

EXHIBIT C

# APPROXIMATE LAYOUT OF RIG & EQUIPMENT



**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 4/5/2004 11:05:26 AM  
**Subject:** Re: Another ConocoPhillips Lease and Bond #

ConocoPhillips leases ML 43209 and ML 48205 are OK. Bond is Bond No. 59 52 189.



## SENCO-PHENIX

March 16, 2004

Mr. Kenny Wintch  
SITLA Archeologist  
675 East, 500 South, Suite 500  
Salt Lake City, UT 84102-2018

RE: ConocoPhillips Company proposed Utah 5-224 Well Location, Carbon County, Utah  
(U045C-133s)

Dear Kenny,

ConocoPhillips is proposing to construct a well pad in the NE/SW ¼ of Section 5, T15S, R9E, which is on a mesa called Horse Bench in the center of the Drunkards Wash Gas Field. The proposed well will be on a narrow ridge that has been extensively disturbed by road, pipeline and powerline construction. The flat top has steeply sloping ridges on either side.

File searches of SENCO-PHENIX records and records at the Price River BLM Field Office on March 16, 2004, revealed the following projects:

1998, Baseline block surveyed much of the top of Horse Bench, including the area where the proposed Utah 5-224 will be located. No cultural resources were located in the block or the 300-foot corridor running off the bench. (U97-BS-0237)

1999, SENCO-PHENIX surveyed two well locations on the eastern end of Horse Bench. No cultural resources were located.

In summary, while most of Horse Bench has been surveyed, no cultural resources have been located. Subsequent construction has disturbed the area where the proposed Utah 5-224 will be located.

It is my recommendation that SITLA waive the requirement for a class III walkover inventory and provide archeological clearance for the parcel because of the extremely low potential for significant cultural resources.

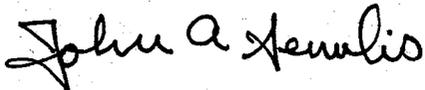
I thank you for your cooperation on this project. If you need additional information please do not hesitate to call.

RECEIVED

APR 21 2004

DIV. OF OIL, GAS & MINING

Sincerely,



John A. Senulis  
Principal Investigator

Cc: Semborski, ConocoPhillips

#### References Cited

Eccles, Cindy A.

1998 *A Cultural Resource Inventory of the River Gas Corporation 1998 Drilling Season in Carbon County, Utah, on Private, State and Federal Land*, Baseline Data Inc., Orem, Utah. (U97-BS-0237)

Senulis, John A.

1999 *An Intensive Cultural Resource Survey and Inventory of Eleven Revised Well Locations and Access Corridors*, SENCO-PHENIX Archeological Consultants, Price, Utah. (U98-SC-0638)

# UTAH SHPO

## COVER SHEET

Project Name: ConocoPhillips Company proposed Utah 5-224 Well Location, Carbon County, Utah

ConocoPhillips Company

State #U04SC0133s

Report Date: March 16, 2004

County (ies): Carbon

Principal Investigator/ Field Supervisor: John A. Senulis/John Senulis

Records Search/Location/Dates: March 16, 2004, Price River Field Office of the BLM

Acreage Surveyed: 4 acres

Intensive Acres: 0

Recon/Intuitive Acres: 4

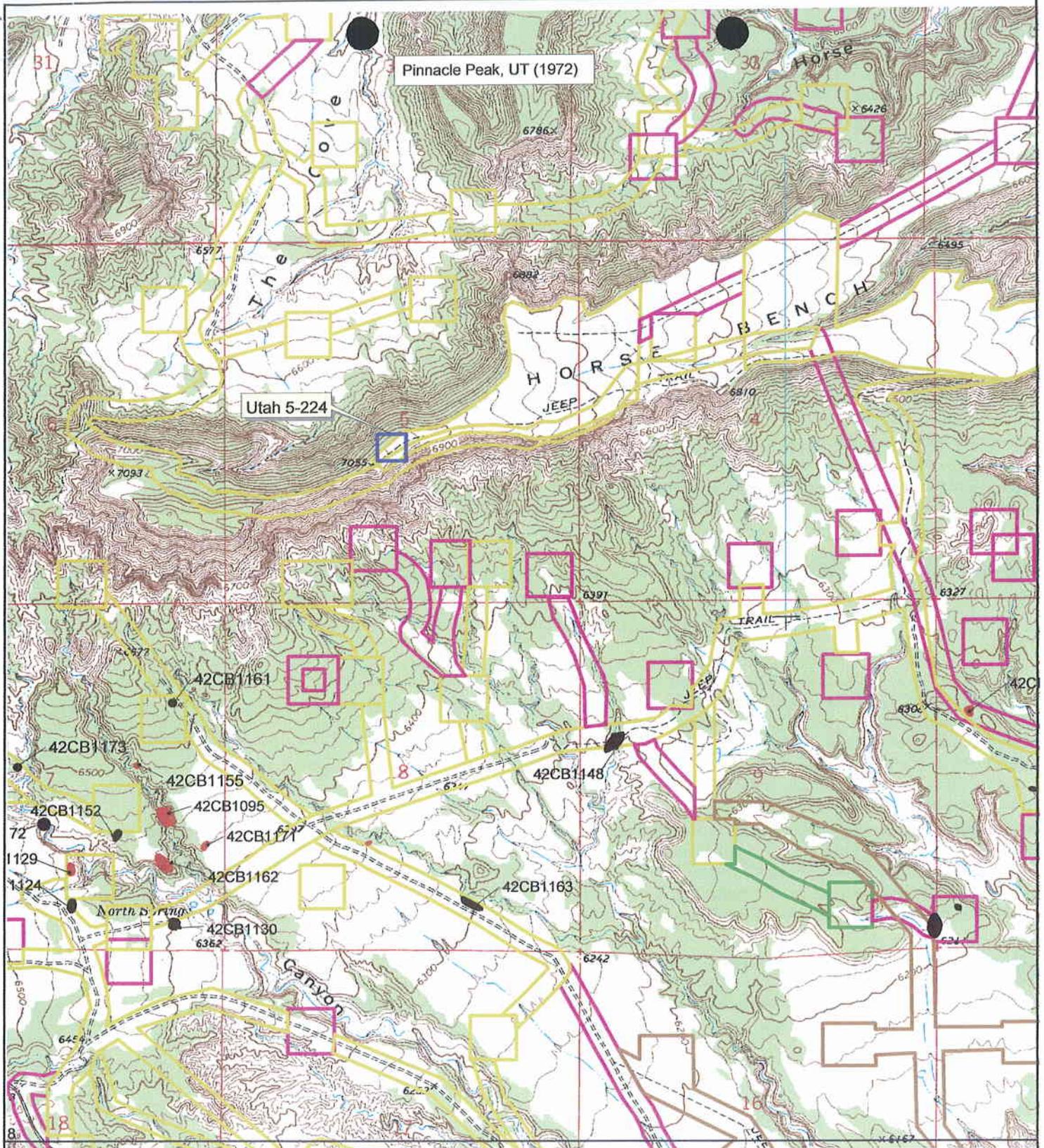
U.S.G.S. 7.5 Quads: Pinnacle Peak, Utah (1972)

Sites Reported	Number	Smithsonian Site #(s):
Archeological Sites:	0	
Revisit (No IMACS update)	0	
Revisit (IMACS update attch.)	0	
New Sites (IMACS attached)	0	
Archeological Site Total:	0	
Historic Structures:		
(USHS Site Form Attached)		
Total NRHP Eligible Sites,	0	

---

### Checklist of Required Items:

1. X 1 Copy of Final Report
2. X Copy of U.S.G.S. 7.5' map showing surveyed/excavated area
3. Completed IMACS Site Inventory Forms Including
  - \_\_\_\_\_Parts A and B or C
  - \_\_\_\_\_IMACS Encoding Form
  - \_\_\_\_\_Site Sketch Map
  - \_\_\_\_\_Photographs
  - \_\_\_\_\_Copy of USGS 7.5' Quad with Smithsonian site Number
4. X Completed Cover Sheet



Pinnacle Peak, UT (1972)

Utah 5-224

42CB1161

42CB1148

42CB1173

42CB1155

42CB1152

42CB1095

72

1129

1324

42CB1177

42CB1162

42CB1130

42CB1163

6242



SENCO-PHENIX



Scale 1:24,000  
1"= 2,000'

- Current Survey
- Previous Survey
- Baseline Survey
- Montgomery Survey
- Sagebrush Survey

- Eligible Sites
- Ineligible Sites

Utah 5-224 Well  
ConocoPhillips Company  
Carbon County, Utah  
Section 5, T15S, R9E  
March 2004  
SPUT-465



**SENCO-PHENIX**

**AN INTENSIVE CULTURAL RESOURCE SURVEY AND INVENTORY OF THE  
UTAH #32-617 WELL PAD AND ACCESS CORRIDOR  
IN THE CONOCOPHILLIPS COMPANY COALBED METHANE GAS FIELD  
(Amendment to ESMT 665)**

**CARBON COUNTY, UTAH  
(SITLA Land)**

**PERFORMED FOR  
ConocoPhillips Company**

**In Accordance with BLM and  
Utah State Guidelines  
Antiquities Permit #U04SC0134s**

**SPUT-466  
March 31, 2004**

**John A. Senulis  
Principal Investigator**

**RECEIVED  
APR 21 2004  
DIV. OF OIL, GAS & MINING**

**UTAH SHPO**  
**COVER SHEET**

Project Name: **AN INTENSIVE CULTURAL RESOURCE SURVEY AND INVENTORY OF THE UTAH #32-617 WELL PAD AND ACCESS CORRIDOR IN THE CONOCOPHILLIPS COMPANY COALBED METHANE GAS FIELD (Amendment to ESMT 665)**

ConocoPhillips Company

State #U04SC0134s

Report Date: March 31, 2004

County (ies): Carbon

Principal Investigator/ Field Supervisor: John A. Senulis/John Senulis

Records Search/Location/Dates: March 16, 2004, Price River Field Office of the BLM

Acreage Surveyed: 16 acres

Intensive Acres: 16

Recon/Intuitive Acres: 0

U.S.G.S. 7.5 Quads: Poison Spring Bench, Utah (PI 1978)

Sites Reported	Number	Smithsonian Site #(s):
Archeological Sites:	0	
Revisit (No IMACS update)	0	
Revisit (IMACS update attch.)	0	
New Sites (IMACS attached)	0	
Archeological Site Total:	0	
Historic Structures:		
(USHS Site Form Attached)		
Total NRHP Eligible Sites,	0	

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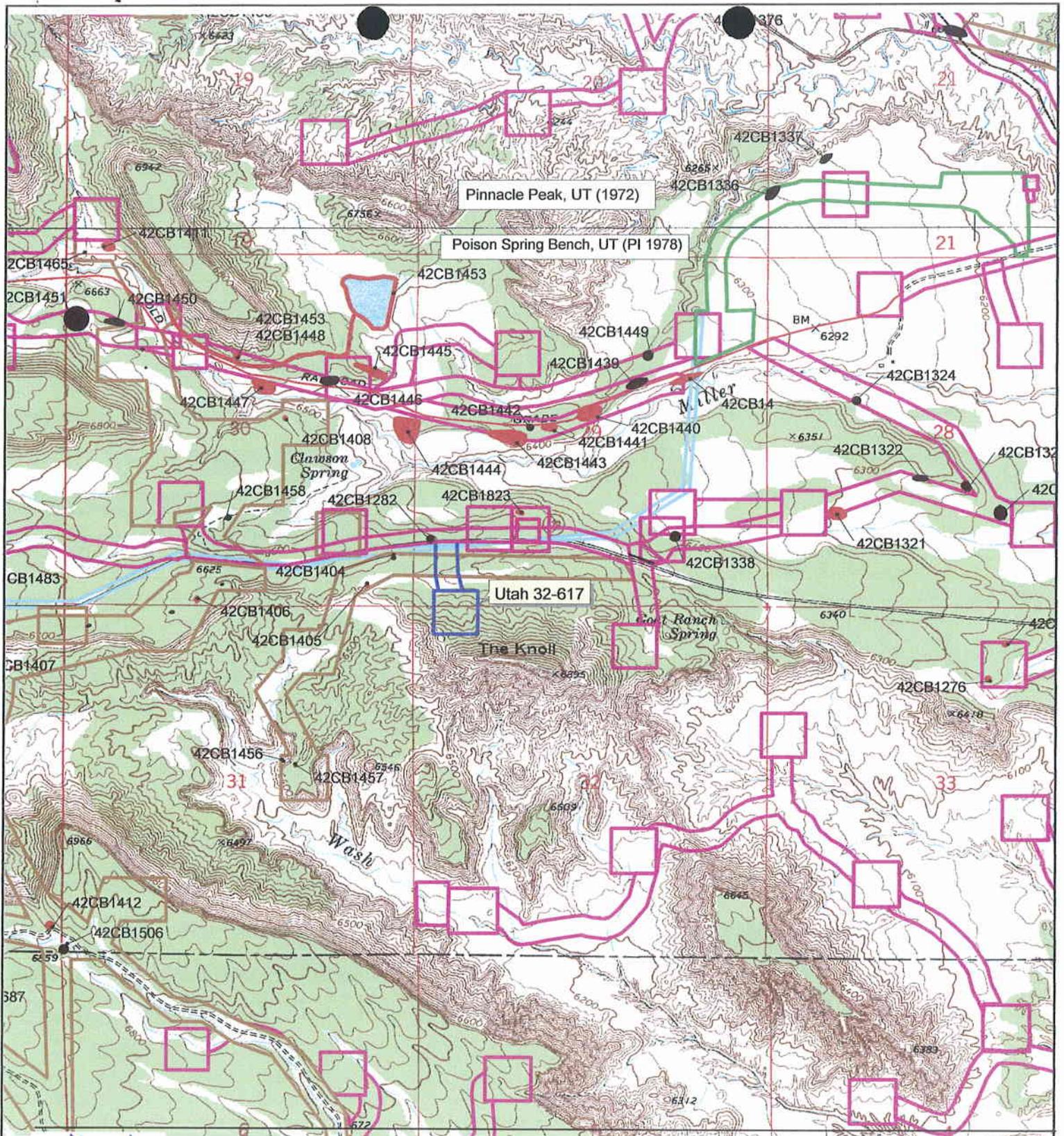
Checklist of Required Items:

1. X 1 Copy of Final Report
2. X Copy of U.S.G.S. 7.5' map showing surveyed/excavated area
3. Completed IMACS Site Inventory Forms Including
  - \_\_\_\_\_ Parts A and B or C
  - \_\_\_\_\_ IMACS Encoding Form
  - \_\_\_\_\_ Site Sketch Map
  - \_\_\_\_\_ Photographs
  - \_\_\_\_\_ Copy of USGS 7.5' Quad with Smithsonian site Number
4. X Completed Cover Sheet

## Abstract

SESCO-PHENIX performed an intensive cultural resource survey on the Utah #32-617 well pad and access corridor within the ConocoPhillips Company Coalbed Methane Gas Field. The proposed well location is located on land managed by the School and Institutional Trust Lands Administration (SITLA). The purpose of the survey was to identify and evaluate cultural resources that may exist within the project area.

No cultural resources were located and the potential for undetected remains is remote. A finding of No Effect is appropriate and Archeological Clearance is recommended.



Pinnacle Peak, UT (1972)

Poison Spring Bench, UT (PI 1978)

Utah 32-617



SENCO-PHENIX



Scale 1:24,000  
1"= 2,000'

- Current Survey
- Previous Survey
- Montgomery Survey
- Sagebrush Survey
- JBR Survey
- Eligible Sites
- Ineligible Sites

Utah 32-617  
Well Pad & Access  
ConocoPhillips Company  
Carbon County, Utah  
Section 29, 32, T15S, R9E  
March 2004  
SPUT-466  
(U04SC0134s)

### Project Location

The survey area is in the SW/SW ¼ of Section 29 and NW/NW ¼ of Section 32, Township 15 South, Range 9 East, Carbon County, Utah. The access corridor begins off the Hiawatha road (Utah 122) in Section 29 and proceeds southerly 900 feet to the well pad in Section 32. The project area is shown on the enclosed copy of U.S.G.S. 7.5' Quad: Poison Spring Bench, Utah (PI 1978). The well pad was staked and the access corridor was flagged.

### Specific Environment

The survey area is on a broad, sloping ridge dividing the Miller Creek drainage to the north and Washboard Wash to the south. The well pad is on the sideslope of "The Knoll." Soils are tan alluvium, gravelly, sandy clays with some areas with residual sandy loams. Vegetation is Pinyon-juniper with low sagebrush with assorted grasses and shrubs.

### Previous Research

A file search of the SENCO-PHENIX reports and at the BLM Price Field Office on March 16, 2004, indicated that the following projects had been performed:

- 1980-1984, Several seismic line projects were performed in the general project area. No cultural resources were located in the current project area.
- 1998, SENCO-PHENIX surveyed several well pads and access corridors, including the original Utah 32-276 well location. No significant cultural resources were located in proximity to the current project. (98-584)
- 1999, SENCO-PHENIX surveyed several well pads and access corridors in the general project area. No significant cultural resources were located in proximity to the current project. (99-161)
- 1999, Sagebrush Archeological Consultants performed several archeological surveys for RGC in the northern portions of Section 28 and 29. No significant cultural resources were located in proximity to the current project area.
- 1998, JBR surveyed a powerline corridor near the current project area. No significant cultural resources were located in proximity to the current project area. One site 42CB1282, an insignificant historic trash scatter is in proximity to the current project but will not be impacted. (98-591)
- 1999, Montgomery Archaeological Consultants performed several archeological surveys for Anadarko in adjacent sections. No significant cultural resources were located in proximity to the current project.
- 2000, Montgomery Archaeological Consultants performed an extensive archeological survey for Anadarko in the general project area, including a pipeline that passes through the project area. One significant cultural resource was located near the current project. (00-396)
  - 42CB1405 is a Fremont habitation site on the edge of Washboard wash. The site was recommended for the NRHP. The site will not be impacted by the proposed project.
- 2003, SENCO-PHENIX surveyed several well pads in the vicinity of the current project. One significant cultural resource was located. (03-66)

- 42CB1823 is a Fremont habitation site on a ridge overlooking Miller Creek. The site was recommended for the NRHP. The site will not be impacted by the proposed project.

### Methodology

John Senulis of SENCO-PHENIX performed a Class III intensive walkover survey of the Utah 32-617 well pad, ten-acre buffer and 300-foot wide access corridor on March 28, 29, 2004. Meandering parallel transects no further spaced than 15 meters were employed. Special attention was given to areas of subsurface soil exposure from animal burrowing, and erosion. All field notes and digital photographs are on file at the offices of SENCO-PHENIX in Price, Utah.

### Findings and Recommendations

No cultural resources were located and the potential for undetected remains is remote. A finding of no effect is appropriate and archeological clearance is recommended.

These recommendations are subject to approval by the SITLA Land Manager and the Utah SHPO.



6825 South 5300 West  
P.O. Box 851  
Price, UT 84501  
phone 435.613.9777  
fax 435.613.9782

April 19, 2004

Ms Diana Whitney  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
SLC, Utah 84114-5801

RE: Archeology Report for Application for Permit to Drill- Utah 32-617, NW/4 NW/4  
Sec. 32, T15S, R09E, SLB & M, Carbon County, Utah  
Archeology Report for Application for Permit to Drill- Utah 05-224, NE/4 SW/4  
Sec. 05, T15S, R09E, SLB & M, Carbon County, Utah

Dear Ms. Whitney:

Enclosed are two archeology reports prepared for the Utah 32-617 and the Utah 05-224. They were not ready when the APDs were submitted to your office. Should you have any question about these reports please give me a call. My cell phone number is 435/820-9807.

Sincerely,

Jean Semborski  
Planning and Compliance Supervisor

RECEIVED  
APR 21 2004  
DIV. OF OIL, GAS & MINING

Cc: ConocoPhillips Well File

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 4/23/2004 12:44:52 PM  
**Subject:** Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

MSC Exploration  
State MSC 16-1

Miller, Dyer & Company  
Ute Tribal 10-2-15-20

Westport Oil & Gas Company  
Bonanza 1023-2G  
Bonanza 1023-2I  
Bonanza 1023-2O

ConocoPhillips Company  
Utah 32-617

If you have any questions regarding this matter please give me a call.

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/02/2004

API NO. ASSIGNED: 43-007-30935

WELL NAME: UTAH 32-617  
OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )  
CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

PROPOSED LOCATION:

NWNW 32 150S 090E  
SURFACE: 0144 FNL 0648 FWL  
BOTTOM: 0144 FNL 0648 FWL  
CARBON  
DRUNKARDS WASH ( 48 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/22/04
Geology		
Surface		

LEASE TYPE: 3 - State  
LEASE NUMBER: ML43209 *OK*  
SURFACE OWNER: 3 - State  
PROPOSED FORMATION: FRSD  
COALBED METHANE WELL? YES

LATITUDE: 39.48370  
LONGITUDE: 110.94441

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 59 52 189 OK )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. PRRV )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- \_\_\_\_ R649-2-3.
- Unit DRUNKARDS WASH OK
- \_\_\_\_ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. *Exception*
- Drilling Unit  
Board Cause No: 243-2  
Eff Date: 7-13-1999  
Siting: Suspends General Siting
- \_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (03-29-04)  
exception < 460' from unit boundary

STIPULATIONS:

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



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

OPERATOR: ConocoPhillips  
WELL NAME & NUMBER: Utah 32-617  
API NUMBER: 43-007-30935  
LEASE: State FIELD/UNIT: \_\_\_\_\_  
LOCATION: 1/4, 1/4 NWNW Sec: 32 TWP: 15S RNG: 9E 144 FNL 648 FWL  
LEGAL WELL SITING: F SEC. LINE; F 1/4, 1/4 LINE; F ANOTHER WELL.  
GPS COORD (UTM): X = 504799 E; Y = 4370266 N SURFACE OWNER: SITLA

**PARTICIPANTS**

M. Jones (DOGM), J. Semborski (Phillips), Larry Jensen (NELCO), Ed Bonner (SITLA), Rex Sacco (Carbon County), and Tony Wright (DWR).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is ~10 miles southwest of Price, Utah. Staked location lies South of the old Millerton Dairy in Carbon County Utah. Access to this well will be along existing ConocoPhillips gas field roads from a UDOT maintained road to Hiawatha. Approximately 1800' of new access road will be build for this location. The direct area drains to the northeast into Miller Creek then eastward eventually into the Price River, a year-round live water source 10 miles east of the proposed location. Dry washes run throughout the area.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Wildlife habitat and grazing.

PROPOSED SURFACE DISTURBANCE: 175' x 245' and a 50' x 50' x 10' pit.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 13 proposed well are within a 1 mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Along roadside.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and transported in.

ANCILLARY FACILITIES: None anticipated.

**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.

FLORA/FAUNA: Pinion Juniper, Mtn Mahogany, grasses, Elk, deer, small game, raptors and other fowl, and rodents.

SOIL TYPE AND CHARACTERISTICS: Sandy clay loam w/ 30' of gravel a few inches under the surface.

EROSION/SEDIMENTATION/STABILITY: Stable until disturbed.

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: As per SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: Arch study completed by Senco-Pheonix and will be placed on file with SITLA. Copy will be submitted to DOGM.

**OTHER OBSERVATIONS/COMMENTS**

SITLA and Carbon County had no additional comments on this location.

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

March 29, 2004 / 1:30 pm  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Scores  
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>10</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>5</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**      15      (Level II 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:** ConocoPhillips  
**WELL NAME & NUMBER:** Utah 32-617  
**API NUMBER:** 43-007-30935  
**LOCATION:** 1/4,1/4 NWNW Sec: 32 TWP: 15S RNG: 9E 144 FNL 648 FWL

**Geology/Ground Water:**

Aquifers with high quality ground water are unlikely to be penetrated during drilling. This well will likely be spudded into a poorly to moderately permeable soil developed on the Upper part of the Blue Gate Member of the Mancos Shale. Goat Ranch Spring arises about 4/5 of a mile east of the location. Among many surface water rights, one underground water right has been filed by ANR Co. Inc. within a mile of the location, for stock water. The proposed casing and cement program will adequately isolate any zones of water penetrated.

**Reviewer:** Christopher Kierst    **Date:** 4/9/04

**Surface:**

Proposed location is ~10 miles southwest of Price, Utah. Staked location lies South of the old Millerton Dairy in Carbon County Utah. Access to this well will be along existing ConocoPhillips gas field roads from a UDOT maintained road to Hiawatha. Approximately 1800' of new access road will be build for this location. The direct area drains to the northeast into Miller Creek then eastward eventually into the Price River, a year-round live water source 10 miles east of the proposed location. Dry washes run throughout the area. This well will be a vertically drilled well. Pit ranking criteria scored at level II, liner optional. The operator will use a 12 mil synthetic liner if deemed necessary during construction phase of the well site. SITLA, DWR, and Carbon County were in attendance for this on-site meeting. The county, and SITLA had no comments for this well site. DWR recommends provisions be made for Big Game Winter Habitat.

**Reviewer:** Mark L. Jones    **Date:** March 29, 2004

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

1. Berm the location and pit.
2. Divert all existing drainages around the location.
3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
4. Alert Anadarko Petroleum of construction plans to cross their gas sales line, which will be crossed with the access road.

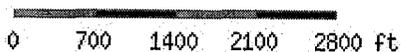
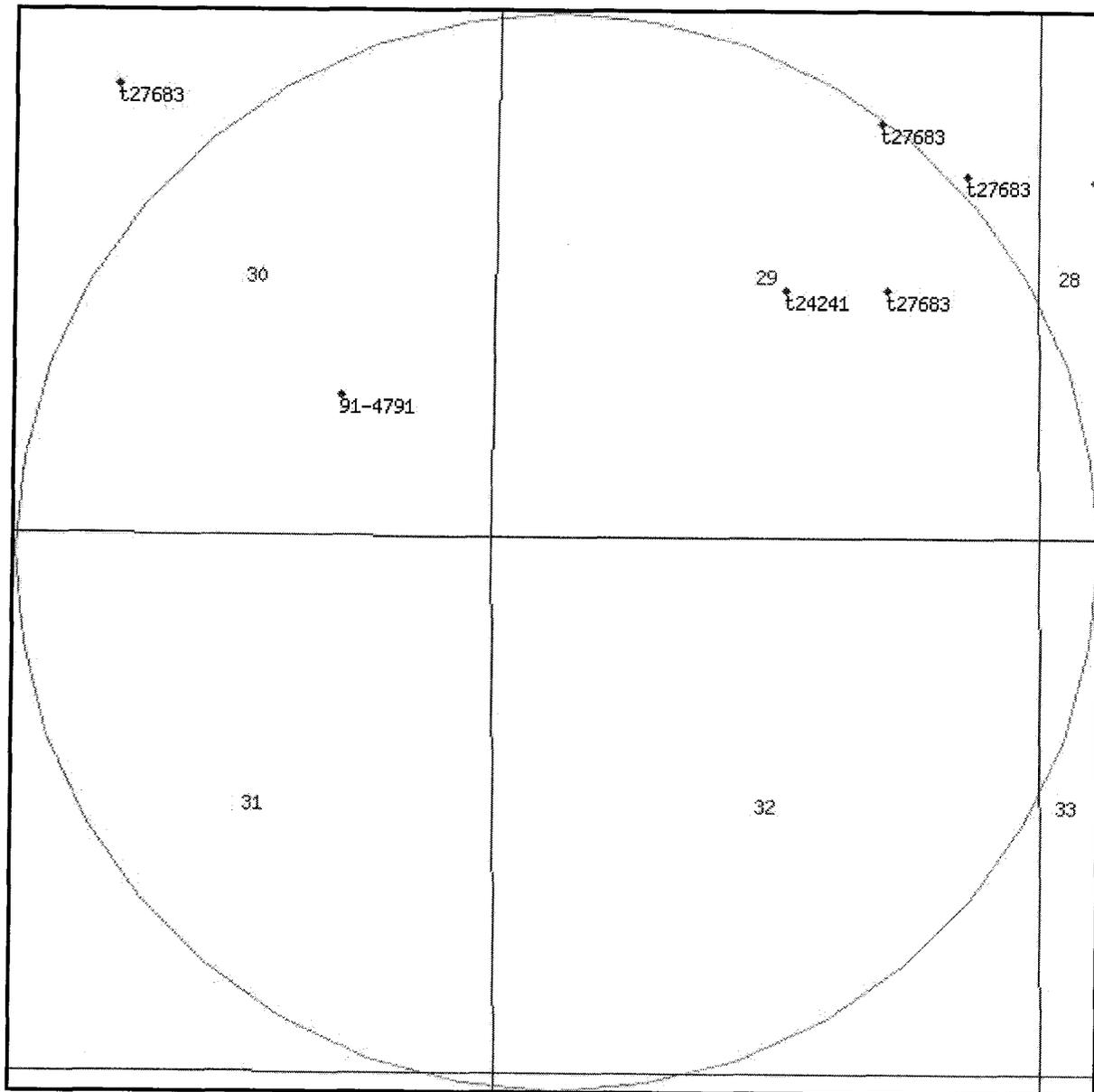


# UTAH DIVISION OF WATER RIGHTS

## WRPLAT Program Output Listing

Version: 2004.03.26.00      Rundate: 04/09/2004 12:56 PM

Radius search of 5280 feet from a point S144 E648 from the NW corner, section 32, Township 15S, Range 9E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,Sp,P status=U,A,P usetypes=all



### Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>91-105</u>	Surface N900 W740 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>91-105</u>	Surface S1230 W1580 NE 29 15S 9E SL		P	19290817	I	0.700	0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>91-105</u>	Surface S210 W2500 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>91-105</u>	Surface N900 W740 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	Dominion Reserves 14000 Quail Springs Parkv 600
<u>91-105</u>	Surface S1230 W1580 NE 29 15S 9E SL		P	19290817	I	0.700	0.000	Dominion Reserves 14000 Quail Springs Parkv 600
<u>91-105</u>	Surface S210 W2500 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	Dominion Reserves 14000 Quail Springs Parkv 600
<u>91-105</u>	Surface N900 W740 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	ConocoPhillips Company Property Tax Real Estate F Way and Claims
<u>91-105</u>	Surface S1230 W1580 NE 29 15S 9E SL		P	19290817	I	0.700	0.000	ConocoPhillips Company Property Tax Real Estate F Way and Claims
<u>91-105</u>	Surface S210 W2500 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	ConocoPhillips Company Property Tax Real Estate F Way and Claims
<u>91-105</u>	Surface N900 W740 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	ANR Co. Inc 3212 South State Street
<u>91-105</u>	Surface S1230 W1580 NE 29 15S 9E SL		P	19290817	I	0.700	0.000	ANR Co. Inc 3212 South State Street
<u>91-105</u>	Surface S210 W2500 E4 29 15S 9E SL		P	19290817	I	0.700	0.000	ANR Co. Inc 3212 South State Street
<u>91-105</u>	Surface S920 W1090 N4 30 15S 9E SL		P	19290817	I	0.700	0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>91-322</u>	Underground N900 W740 E4 29 15S		P	19210914	I	0.152	0.000	ANR Co. Inc 3212 South State Street

	9E SL					
<u>91-322</u>	Underground S1230 W1580 NE 29 15S 9E SL	P	19210914 I	0.152 0.000	ANR Co. Inc 3212 South State Street	
<u>91-322</u>	Underground S210 W2500 E4 29 15S 9E SL	P	19210914 I	0.152 0.000	ANR Co. Inc 3212 South State Street	
<u>91-322</u>	Underground S920 W1090 N4 30 15S 9E SL	P	19210914 I	0.152 0.000	ANR Co. Inc 3212 South State Street	
<u>91-358</u>	Surface S210 W2500 E4 29 15S 9E SL	P	18880000 I	0.000 76.500	Texaco Exploration And P Inc. P.O. Box 36366	
<u>91-358</u>	Surface N900 W740 E4 29 15S 9E SL	P	18880000 I	0.000 76.500	Texaco Exploration And P Inc. P.O. Box 36366	
<u>91-358</u>	Surface S1230 W1580 NE 29 15S 9E SL	P	18880000 I	0.000 76.500	Texaco Exploration And P Inc. P.O. Box 36366	
<u>91-358</u>	Surface S210 W2500 E4 29 15S 9E SL	P	18880000 I	0.000 76.500	Dominion Reserves - Utah 14000 Quail Springs Parkv 600	
<u>91-358</u>	Surface N900 W740 E4 29 15S 9E SL	P	18880000 I	0.000 76.500	Dominion Reserves - Utah 14000 Quail Springs Parkv 600	
<u>91-358</u>	Surface S1230 W1580 NE 29 15S 9E SL	P	18880000 I	0.000 76.500	Dominion Reserves - Utah 14000 Quail Springs Parkv 600	
<u>91-358</u>	Surface S210 W2500 E4 29 15S 9E SL	P	18880000 I	0.000 76.500	ConocoPhillips Company P.O. Box 7500	
<u>91-358</u>	Surface N900 W740 E4 29 15S 9E SL	P	18880000 I	0.000 76.500	ConocoPhillips Company P.O. Box 7500	
<u>91-358</u>	Surface S1230 W1580 NE 29 15S 9E SL	P	18880000 I	0.000 76.500	ConocoPhillips Company P.O. Box 7500	
<u>91-358</u>	Surface S920 W1090 N4 30 15S 9E SL	P	18880000 I	0.000 76.500	Texaco Exploration And P Inc. P.O. Box 36366	
<u>91-4791</u>	Surface N1390 W1475 SE 30 15S 9E SL	U	19870630 DIS	1.500 0.000	DuVels Inc. Attn: Duane A. Frandsen, ]	

<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	N900 W740 E4 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S1230 W1580 NE 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S210 W2500 E4 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	N900 W740 E4 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S1230 W1580 NE 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S210 W2500 E4 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	ConocoPhillips Company Property Tax Real Estate F Way and Claims
	N900 W740 E4 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	ConocoPhillips Company Property Tax Real Estate F Way and Claims
	S1230 W1580 NE 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	ConocoPhillips Company Property Tax Real Estate F Way and Claims
	S210 W2500 E4 29 15S 9E SL				
<u>91-83</u>	Surface	P	19371130 I	0.000 0.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S920 W1090 N4 30 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company P. O. Box 851
	N900 W740 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company P. O. Box 851
	S1230 W1580 NE 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company P. O. Box 851
	S210 W2500 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	Texaco Exploration And P Inc P.O. Box 2100
	N900 W740 E4 29 15S 9E SL				

<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	Texaco Exploration And P Inc P.O. Box 2100
	S1230 W1580 NE 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	Texaco Exploration And P Inc P.O. Box 2100
	S210 W2500 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	N900 W740 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S1230 W1580 NE 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S210 W2500 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company Property Tax, Real Estate, Way and Claims
	N900 W740 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company Property Tax, Real Estate, Way and Claims
	S1230 W1580 NE 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company Property Tax, Real Estate, Way and Claims
	S210 W2500 E4 29 15S 9E SL				
<u>91-842</u>	Surface	P	18880000 I	5.000 0.000	ConocoPhillips Company P. O. Box 851
	S920 W1090 N4 30 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Dominion Reserves - Utah 901 East Byrd Street
	S1230 W1580 NE 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Dominion Reserves - Utah 901 East Byrd Street
	S210 W2500 E4 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Dominion Reserves - Utah 901 East Byrd Street
	N900 W740 E4 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	River Gas Corporation 511 Energy Center Boulev
	S1230 W1580 NE 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	River Gas Corporation 511 Energy Center Boulev
	S210 W2500 E4 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	River Gas Corporation 511 Energy Center Boulev
	N900 W740 E4 29 15S 9E SL				

<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S1230 W1580 NE 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S210 W2500 E4 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	N900 W740 E4 29 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Dominion Reserves - Utah 901 East Byrd Street
	S920 W1090 N4 30 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	River Gas Corporation 511 Energy Center Boulev
	S920 W1090 N4 30 15S 9E SL				
<u>t23846</u>	Surface	A	19991014 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S920 W1090 N4 30 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S1800 E520 NW 28 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	River Gas Corporation 1300 MCFARLAND BLV 300
	S1800 E520 NW 28 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
	S1800 E520 NW 28 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S210 W2500 E4 29 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	N900 W740 E4 29 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S1230 W1580 NE 29 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	River Gas Corporation 1300 MCFARLAND BLV 300
	S210 W2500 E4 29 15S 9E SL				
<u>t24241</u>	Surface	A	20000505 O	0.000 19.000	River Gas Corporation 1300 MCFARLAND BLV 300
	N900 W740 E4 29 15S 9E SL				

<u>t24241</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20000505 O	0.000 19.000	River Gas Corporation 1300 MCFARLAND BLV 300
<u>t24241</u>	Surface S210 W2500 E4 29 15S 9E SL	A	20000505 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>t24241</u>	Surface N900 W740 E4 29 15S 9E SL	A	20000505 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>t24241</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20000505 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>t24241</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20000505 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t24241</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20000505 O	0.000 19.000	River Gas Corporation 1300 MCFARLAND BLV 300
<u>t24241</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20000505 O	0.000 19.000	Texaco Exploration and Pr Inc. P.O. Box 2100
<u>t25228</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20010316 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t25228</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20010316 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t25228</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20010316 O	0.000 19.000	Texaco Exploration and Pr inc. P.O. Box 2100
<u>t25228</u>	Surface N900 W740 E4 29 15S 9E SL	A	20010316 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t25228</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20010316 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t25228</u>	Surface S210 W1500 E4 29 15S 9E SL	A	20010316 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t25228</u>	Surface N900 W740 E4 29 15S 9E SL	A	20010316 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851

<u>t25228</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20010316 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t25228</u>	Surface S210 W1500 E4 29 15S 9E SL	A	20010316 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t25228</u>	Surface N900 W740 E4 29 15S 9E SL	A	20010316 O	0.000 19.000	Texaco Exploration and Pr inc. P.O. Box 2100
<u>t25228</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20010316 O	0.000 19.000	Texaco Exploration and Pr inc. P.O. Box 2100
<u>t25228</u>	Surface S210 W1500 E4 29 15S 9E SL	A	20010316 O	0.000 19.000	Texaco Exploration and Pr inc. P.O. Box 2100
<u>t25228</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20010316 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t25228</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20010316 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t25228</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20010316 O	0.000 19.000	Texaco Exploration and Pr inc. P.O. Box 2100
<u>t26499</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20020403 O	0.000 19.000	Texaco Exploration and Pr Inc. Attn: Chuck Snure
<u>t26499</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20020403 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t26499</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20020403 O	0.000 19.000	Dominion Reserves - Utah Attn: Jeff Pettit
<u>t26499</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20020403 O	0.000 19.000	Texaco Exploration and Pr Inc. Attn: Chuck Snure
<u>t26499</u>	Surface S210 W1500 E4 29 15S 9E SL	A	20020403 O	0.000 19.000	Texaco Exploration and Pr Inc. Attn: Chuck Snure
<u>t26499</u>	Surface	A	20020403 O	0.000 19.000	Texaco Exploration and Pr

	N900 W740 E4 29 15S 9E SL				Inc. Attn: Chuck Snure
<u>t26499</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20020403 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t26499</u>	Surface S210 W1500 E4 29 15S 9E SL	A	20020403 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t26499</u>	Surface N900 W740 E4 29 15S 9E SL	A	20020403 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t26499</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20020403 O	0.000 19.000	Dominion Reserves - Utah Attn: Jeff Pettit
<u>t26499</u>	Surface S210 W1500 E4 29 15S 9E SL	A	20020403 O	0.000 19.000	Dominion Reserves - Utah Attn: Jeff Pettit
<u>t26499</u>	Surface N900 W740 E4 29 15S 9E SL	A	20020403 O	0.000 19.000	Dominion Reserves - Utah Attn: Jeff Pettit
<u>t26499</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20020403 O	0.000 19.000	Texaco Exploration and Pr Inc. Attn: Chuck Snure
<u>t26499</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20020403 O	0.000 19.000	Phillips Petroleum Compa P.O. Box 851
<u>t26499</u>	Surface S920 W1090 N4 30 15S 9E SL	A	20020403 O	0.000 19.000	Dominion Reserves - Utah Attn: Jeff Pettit
<u>t27683</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20030520 O	0.000 19.000	Texaco Exploration And P Inc. P.O. Box 36366
<u>t27683</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20030520 O	0.000 19.000	Dominion Reserves - Utah 14000 Quail Springs Parkv 600
<u>t27683</u>	Surface S1800 E520 NW 28 15S 9E SL	A	20030520 O	0.000 19.000	ConocoPhillips Company P.O. Box 7500
<u>t27683</u>	Surface S1230 W1580 NE 29 15S 9E SL	A	20030520 O	0.000 19.000	Texaco Exploration And P Inc. P.O. Box 36366
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000	Texaco Exploration And P Inc.

	N900 W740 E4 29 15S 9E SL					P.O. Box 36366
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		Texaco Exploration And P Inc.
	S210 W1500 E4 29 15S 9E SL					P.O. Box 36366
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S1230 W1580 NE 29 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	N900 W740 E4 29 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S210 W1500 E4 29 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		ConocoPhillips Company P.O. Box 7500
	S1230 W1580 NE 29 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		ConocoPhillips Company P.O. Box 7500
	N900 W740 E4 29 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		ConocoPhillips Company P.O. Box 7500
	S210 W1500 E4 29 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		Texaco Exploration And P Inc.
	S920 W1090 N4 30 15S 9E SL					P.O. Box 36366
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		Dominion Reserves - Utah 14000 Quail Springs Parkv 600
	S920 W1090 N4 30 15S 9E SL					
<u>t27683</u>	Surface	A	20030520 O	0.000 19.000		ConocoPhillips Company P.O. Box 7500
	S920 W1090 N4 30 15S 9E SL					

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# UTAH DIVISION OF WATER RIGHTS

Select Related Information

**(WARNING: Water Rights makes NO claims as to the accuracy of**

WRNUM: 91-322 APPLICATION/CLAIM NO.: U7236 CERT. NO.:  
CHANGES: a8095 Certificate

OWNERSHIP\*\*\*\*\*

NAME: ANR Co. Inc  
ADDR: 3212 South State Street  
Salt Lake City UT 84115  
LAND OWNED BY APPLICANT?

DATES, ETC.\*\*\*\*\*

FILED: 03/12/1936 | PRIORITY: 09/14/1921 | PUB BEGAN: | PUB ENDED: | NE  
ProtestEnd: | PROTESTED: [Yes ] | HEARNG HLD: | SE ACTION: [ ] | Ac  
EXTENSION: | ELEC/PROOF: [ ] | ELEC/PROOF: | CERT/WUC: 12/28/1965 | LA  
RENOVATE: | RECON REQ: | TYPE: [ ]  
PD Book No. 4 Map: 73c  
Type of Right: Underground Water Claim Source of Info: Proposed Determination

LOCATION OF WATER RIGHT\*\*\*\*\*

FLOW: 0.152 cfs SOURCE: UGW Well (tunnel)  
COUNTY: Carbon COMMON DESCRIPTION:

- POINT OF DIVERSION -- UNDERGROUND: (If link is present, it indicates additional well data)
- (1) S 1230 ft W 1580 ft from NE cor, Sec 29, T 15S, R 9E, SLBM  
Comment:
  - (2) S 210 ft W 2500 ft from E4 cor, Sec 29, T 15S, R 9E, SLBM  
Comment:
  - (3) N 900 ft W 740 ft from E4 cor, Sec 29, T 15S, R 9E, SLBM  
Comment:
  - (4) S 920 ft W 1090 ft from N4 cor, Sec 30, T 15S, R 9E, SLBM  
Comment:

USES OF WATER RIGHT\*\*\*\*\*

CLAIMS USED FOR PURPOSE DESCRIBED: 83,105,322,358,842

Referenced To: Claims Groups: 1 Type of Reference --

###IRRIGATION	*-----NORTH WEST QUARTER-----*				*-----NORTH EAST QUARTER-----*				
	NW	NE	SW	SE	NW	NE	SW	SE	
Tot Acrg.: 333.45	*				*				*
Sec 20 T 15S R 9E SLBM	*				*				*
Sec 21 T 15S R 9E SLBM	*				*				*
Sec 28 T 15S R 9E SLBM	*40.0000	37.9000	11.6000	28.5000	*38.7000		23.1000		*
Sec 29 T 15S R 9E SLBM	*				*	28.0000		11.5000	*

or a Total of 333.45 acres. Sole Supply: Diversion Limit: 133

CLAIMS USED FOR PURPOSE DESCRIBED: See WUC 91-174.

Referenced To: 91-174 Claims Groups: 2  
For PURPOSE & PERIOD OF USE, see WUC 91-174.

Type of Reference --

CLAIMS USED FOR PURPOSE DESCRIBED: See WUC 91-174.

Referenced To: 91-174 Claims Groups: 3  
For PURPOSE & PERIOD OF USE, see WUC 91-174.

Type of Reference --

PROTESTANTS\*\*\*\*\*

NAME: Frank H. Feichko  
ADDR: P. O. Box 1436  
Price UT 84501

NAME: Huntington-Cleve  
ADDR: c/o Nielsen and S  
60 East South Tem  
Salt Lake City UT

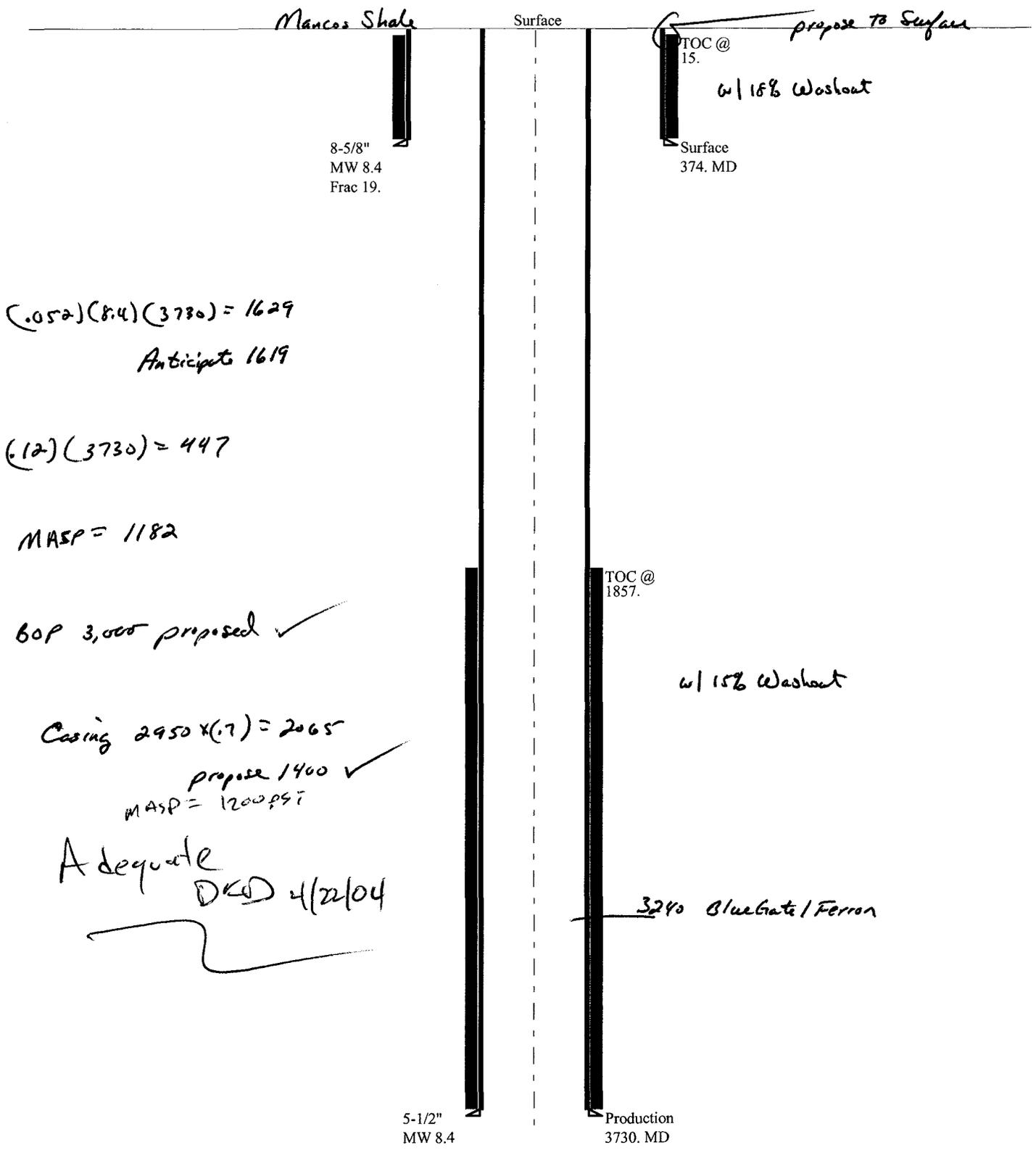
APPLICATIONS FOR NONUSE OF WATER\*\*\*\*\*

EXT NUMBER: 1050 |REQUST TO: |LAST USED: |PRIOR FROM: |PR  
FILED: 04/07/1993|PUB BEGAN: 04/29/1993|PUB ENDED: |NEWSPAPER: Sun Advocate  
PROTESTED: [No Hear ]|HEARNG HLD: |SE ACTION: [Approved]|ActionDate:12/31/1996|PR

EXT NUMBER: 1834 |REQUST TO: 12/27/2006|LAST USED: / /1992|PRIOR FROM: |PR  
FILED: 12/04/2001|PUB BEGAN: 02/21/2002|PUB ENDED: 02/28/2002|NEWSPAPER: Sun Advocate  
PROTESTED: [HearHeld]|HEARNG HLD: |SE ACTION: [ ]|ActionDate: |PR

\*\*\*\*\*  
\*\*\*\*\*E N D O F D A T A\*\*\*\*\*  
\*\*\*\*\*

04-04 ConocoPhillips Utah 32-017  
Casing Schematic



Mancos Shale

Surface

propose to Surface

TOC @ 15.

w/ 15% Washout

Surface 374. MD

8-5/8" MW 8.4 Frac 19.

$(.052)(8.4)(3730) = 1629$   
Anticipate 1619

$(.12)(3730) = 447$

MASP = 1182

60P 3,000 proposed ✓

Casing  $2950 \times (.7) = 2065$

propose 1400 ✓  
MASP = 1200 PST

Adequate  
DKO 4/22/04

TOC @ 1857.

w/ 15% Washout

3240 BlueGate/Ferron

5-1/2" MW 8.4

Production 3730. MD

Well name:

**04-04 ConocoPhillips Utah 32-617**Operator: **ConocoPhillips Company**String type: **Surface**

Project ID:

43-007-30935

Location: **Carbon****Design parameters:****Collapse**Mud weight: 8.400 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: 70 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 3 ft

Cement top: 15 ft

**Burst**Max anticipated surface pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 163 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: 327 ft

Non-directional string.

**Re subsequent strings:**Next setting depth: 3,730 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 1,628 psi  
Fracture mud wt: 19.000 ppg  
Fracture depth: 374 ft  
Injection pressure 369 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)	Est. Cost ( )
1	374	8.625	24.00	J-55	ST&C	374	374	7.972	2450

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	163	1370	8.395	163	2950	18.08	9	244	27.18 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: April 21, 2004  
Salt Lake City, Utah

## Remarks:

Collapse is based on a vertical depth of 374 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; 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:

**04-04 ConocoPhillips Utah 32-617**Operator: **ConocoPhillips Company**

String type: Production

Project ID:

43-007-30935

Location: Carbon

**Design parameters:****Collapse**Mud weight: 8.400 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: 117 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 1,857 ft

**Burst**Max anticipated surface  
pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 1,628 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)

Non-directional string.

Tension is based on air weight.

Neutral point: 3,255 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)	Est. Cost ( )
1	3730	5.5	17.00	N-80	LT&C	3730	3730	4.767	26758
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	1628	6290	3.864	1628	7740	4.76	63	348	5.49 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: April 21,2004  
Salt Lake City, Utah

## Remarks:

Collapse is based on a vertical depth of 3730 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; 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.*



State of Utah

April 27, 2004

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

ConocoPhillips Company  
P O Box 851  
Price, UT 84501

Re: Utah 32-617 Well, 144' FNL, 648' FWL, NW NW, Sec. 32, T. 15 South,  
R. 9 East, Carbon County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30935.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
SITLA  
Bureau of Land Management, Moab District Office

Operator: ConocoPhillips Company  
Well Name & Number Utah 32-617  
API Number: 43-007-30935  
Lease: ML-43209

Location: NW NW      Sec. 32      T. 15 South      R. 9 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)

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-43209
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 144' FNL, 648' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 T15S R09 S		8. WELL NAME and NUMBER: Utah 32-617
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 4300730935
		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
		COUNTY: Carbon
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud Notice
	<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.  
Please be advised that the Utah 32-617 well was spud on 5/18/04, Pense Bros. Rig #9, Dry Drill.

NAME (PLEASE PRINT) Frankie Hathaway	TITLE Sr. Planning, Compliance & HSE Assistant
SIGNATURE <i>Frankie Hathaway</i>	DATE 5/27/2004

(This space for State use only)

RECEIVED

JUN 02 2004

DIV. OF OIL, GAS & MINING

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

ENTITY ACTION FORM

Operator: ConocoPhillips Company  
Address: P.O. Box 851  
city Price  
state UT zip 84501

Operator Account Number: N 2335

Phone Number: (435) 613-9777

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300730888	Price 32-438	NWSE	32	T14	R10	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	14184	5/23/2004		6/3/04	
<b>Comments:</b> New single well spud inside the unit but outside of the PA. FRSD						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300730935	Utah 32-617	NWNW	32	T15	R09	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	14185	5/18/2004		6/3/04	
<b>Comments:</b> New single well spud inside the unit but outside of the PA. FRSD						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300730936	Utah 05-224	NESW	5	T15	R09	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
B	99999	11256	5/20/2004		6/3/04	
<b>Comments:</b> New single well spud inside the unit and inside of the PA. FRSD						

JUN 02 2004

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)

Frankie Hathaway

Div. OF OIL, GAS & MINING  
Name (Please Print)

*Frankie Hathaway*  
Signature

Sr. Planning & Compliance Ass 5/27/2004

Title

Date

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

007

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-43209
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
2. NAME OF OPERATOR: ConocoPhillips Company		8. WELL NAME and NUMBER: Utah 32-617
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		9. API NUMBER: 4300730935
4. LOCATION OF WELL FOOTAGES AT SURFACE: 144' FNL, 648' FWL COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 T15S R09 S STATE: UTAH		

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

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

ORIGINAL

CONFIDENTIAL

NAME (PLEASE PRINT) <u>Frankie Hathaway</u>	TITLE <u>Sr. Planning, Compliance &amp; HSE Assistant</u>
SIGNATURE <u>Frankie Hathaway</u>	DATE <u>6/10/2004</u>

(This space for State use only)

RECEIVED  
JUN 24 2004  
DIV. OF OIL, GAS & MINING



**CONOCOPHILLIPS CO  
Daily Drilling Report**

WELL NAME UTAH 32-617		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD 3,660.0	TVD 3,660.0	DFS 3.00	REPT NO. 4	DATE 5/22/2004
SUPERVISOR LLOYD SHIRLEY	RIG NAME & NO. POOL WELL SE		FIELD NAME / OCS NO.		AUTH MD 3,740.0	DAILY TANG 0.00		CUM. TANG 0.00	
CURRENT STATUS NO ACTIVITY				ACCIDENTS LAST 24 HRS.? NONE RPTD	DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00		
24 HR FORECAST WOC				DATE OF LAST SAFETY MEETING 5/23/2004	DAILY TOTAL 68,028		CUM COST W/ MUD 157,818		
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S285		AUTH. 626,909		
LAST SURVEY: DATE	TMD	INC	AZIM	LAST CASING 8.625 (in) @ 382.0 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/18/2004	

**OPERATIONS SUMMARY**

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	08:00	2.00	CASING P		SFTY	PROD1	SAFETY MEETING, JSA, DISCUSS RUNNING CSG, P/UP CSG OFF CATWALK, AND NOT GETTING IN A HURRY,
08:00	13:30	5.50	CASING P		RNCS	PROD1	RIH WITH FLOAT SHOE, 13JTS OF CSG, FLAG JOINT, 5JTS OF CSG, STAGE TOOL,(TOOL SET @ 2844FT), 67JTS OF 5 1/2IN CSG, LAND @ 3623.54FT, BAKER LOK FS, & STAGE TOOL,
13:30	14:30	1.00	CEMENT P		WOCT	PROD1	HALLIBURTON ON LOCATION FOR CEMENTING, WAIT ON FLAT TANK TO CIRCULATE IN BETWEEN STAGES,
14:30	15:15	0.75	CEMENT P		SFTY	PROD1	SPOT FLAT TANK, R/UP CEMENTERS, SAFETY MEETING WITH CEMENTERS & RIG CREW, DISCUSS JOB, MOVING TRUCKS, PRESSURE HAZARDS,
15:15	16:30	1.25	CEMENT P		CIRC	PROD1	PRESSURE TEST LINES TO 3000PSI, PUMPED 20 BBL GEL PILL, MIX & PUMP 102 SKS OF 14.2# CEMENT SLURRY(PREM AG300,1% CALCIUM CHLORIDE,10% CAL-SEAL, .25#/SK OF FLOCELE),S/DOWN, DROP PLUG WASH PUMP & LINES, DISPLACE WITH 84 BBLS OF 2% KCL, (SLOWED RATE TO 3BPM THRU TOOL), BUMP PLUG WITH 384PSI, TEST FLOATS OK, DROPPED BOMB, WAIT TEN MINUTES FOR IT TO FALL, OPEN DV TOOL WITH 700PSI,
16:30	21:00	4.50	CEMENT P		CIRC	PROD1	CIRCULATE TO FLAT TANK 1-1.5BPM WOC TO CURE,
21:00	21:45	0.75	CEMENT P		CIRC	PROD1	SAFETY MTG ON 2ND STAGE WITH CEMENT CREW, RIG UP FLOW LINE TO PIT, PICK UP RATE TO GET GOOD RETURNS TO PIT, MIX & PUMP 328 SKS OF 12.5# CEMENT SLURRY,(50/50 POZ, 10% CAL SEAL, 8% GEL, .25#/SK OF FLOCELE), S/DOWN, DROP PLUG (DID NOT WASH PUMP & LINES),DISPLACE WITH 66 BBLS OF 2% KCL, LAND PLUG WITH 825PSI, PRESSURE TO CLOSE TOOL TO 1500PSI, CHECK TO SEE IF HOLDING, DID NOT HOLD, PRESSURE BACK UP TO 2000PSI, CHECK AGAIN HOLDING GOOD, BLEED OFF & SHUT IN WELL,
21:45	22:30	0.75	CEMENT P		RURD	PROD1	RIG DOWN CEMENTERS, AND SDFN

**24 HR SUMMARY:** NO INCIDENTS, RUN PRODUCTION CSG AND CEMENT,

**PERSONNEL DATA**

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
	TRUCKING	2	16.00	HALLIBURTON	CEMENTING	4	40.00
POOL WELL SERVICE	RIG CREW	5	75.00	CONOCOPHILLIPS CO	CO SUPERVISOR	2	48.00
	TRUCKING	2	4.00				

**REQUIREMENTS**

2 JSA'S  
0 STOP CARDS,

CONOCOPHILLIPS CO  
Daily Drilling Report

WELL NAME	JOB NUMBER	EVENT CODE	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
UTAH 32-617	1	DRL		3,660.0	3,660.0	3.00	4	5/22/2004

COMMENTS

no incidents,  
2 jsa's,  
2 STOP CARDS



CONOCOPHILLIPS CO

Final Pipe Tally Report

Legal Well Name: UTAH 32-617      Spud Date:  
 Common Well Name: UTAH 32-617      Report #: 2      Report Date: 5/21/2004  
 Event Name: DRILLING      Start: 5/17/2004      End:

Date Run: 5/21/2004      Proposed Setting TMD: 3,623.5 (ft)  
 Buoyancy Factor:      Block Weight: (lb)

Pipe Data Section

Joins	Size (in)	Manufacturer	Weight (lb/ft)	Threads	Grade	Range	Thrd. Correction (ft)	Displacement (bbl/ft)
1 - 86	5.500	NEWPORT	17.00	LT&C	N-80	3		
0 - 0	5.500	HALLIBURTON	17.00	LT&C	N-80			
0 - 0	5.500	HALLIBURTON	17.00	LT&C	N-80			

Pipe Information

Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct	Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct
1		FLOAT SHOE	1.25	1.25		38	36	CASING JOINT(S)	42.65	1,503.95	
2	1	CASING JOINT(S)	43.03	44.28		39	37	CASING JOINT(S)	42.50	1,546.45	
3	2	CASING JOINT(S)	42.48	86.76		40	38	CASING JOINT(S)	41.03	1,587.48	
4	3	CASING JOINT(S)	42.65	129.41		41	39	CASING JOINT(S)	42.73	1,630.21	
5	4	CASING JOINT(S)	42.62	172.03		42	40	CASING JOINT(S)	42.48	1,672.69	
6	5	CASING JOINT(S)	42.43	214.46		43	41	CASING JOINT(S)	42.70	1,715.39	
7	6	CASING JOINT(S)	42.00	256.46		44	42	CASING JOINT(S)	42.00	1,757.39	
8	7	CASING JOINT(S)	43.15	299.61		45	43	CASING JOINT(S)	38.11	1,795.50	
9	8	CASING JOINT(S)	42.70	342.31		46	44	CASING JOINT(S)	43.18	1,838.68	
10	9	CASING JOINT(S)	43.13	385.44		47	45	CASING JOINT(S)	42.48	1,881.16	
11	10	CASING JOINT(S)	42.15	427.59		48	46	CASING JOINT(S)	42.15	1,923.31	
12	11	CASING JOINT(S)	42.70	470.29		49	47	CASING JOINT(S)	42.27	1,965.58	
13	12	CASING JOINT(S)	41.84	512.13		50	48	CASING JOINT(S)	42.18	2,007.76	
14	13	CASING JOINT(S)	42.38	554.51		51	49	CASING JOINT(S)	41.40	2,049.16	
15	14	CASING JOINT(S)	14.42	568.93		52	50	CASING JOINT(S)	43.03	2,092.19	
16	15	CASING JOINT(S)	40.42	609.35		53	51	CASING JOINT(S)	43.16	2,135.35	
17	16	CASING JOINT(S)	41.61	650.96		54	52	CASING JOINT(S)	42.63	2,177.98	
18	17	CASING JOINT(S)	42.64	693.60		55	53	CASING JOINT(S)	42.67	2,220.65	
19	18	CASING JOINT(S)	42.86	736.46		56	54	CASING JOINT(S)	41.91	2,262.56	
20	19	CASING JOINT(S)	41.38	777.84		57	55	CASING JOINT(S)	42.42	2,304.98	
21		DV TOOL	2.12	779.96		58	56	CASING JOINT(S)	43.20	2,348.18	
22	20	CASING JOINT(S)	42.65	822.61		59	57	CASING JOINT(S)	42.85	2,391.03	
23	21	CASING JOINT(S)	40.04	862.65		60	58	CASING JOINT(S)	42.41	2,433.44	
24	22	CASING JOINT(S)	42.38	905.03		61	59	CASING JOINT(S)	42.71	2,476.15	
25	23	CASING JOINT(S)	43.20	948.23		62	60	CASING JOINT(S)	42.08	2,518.23	
26	24	CASING JOINT(S)	42.45	990.68		63	61	CASING JOINT(S)	42.74	2,560.97	
27	25	CASING JOINT(S)	42.70	1,033.38		64	62	CASING JOINT(S)	42.50	2,603.47	
28	26	CASING JOINT(S)	42.53	1,075.91		65	63	CASING JOINT(S)	43.12	2,646.59	
29	27	CASING JOINT(S)	43.35	1,119.26		66	64	CASING JOINT(S)	43.10	2,689.69	
30	28	CASING JOINT(S)	42.75	1,162.01		67	65	CASING JOINT(S)	42.60	2,732.29	
31	29	CASING JOINT(S)	42.68	1,204.69		68	66	CASING JOINT(S)	42.67	2,774.96	
32	30	CASING JOINT(S)	42.80	1,247.49		69	67	CASING JOINT(S)	41.27	2,816.23	
33	31	CASING JOINT(S)	42.78	1,290.27		70	68	CASING JOINT(S)	42.65	2,858.88	
34	32	CASING JOINT(S)	43.10	1,333.37		71	69	CASING JOINT(S)	42.72	2,901.60	
35	33	CASING JOINT(S)	42.72	1,376.09		72	70	CASING JOINT(S)	42.55	2,944.15	
36	34	CASING JOINT(S)	42.48	1,418.57		73	71	CASING JOINT(S)	42.18	2,986.33	
37	35	CASING JOINT(S)	42.73	1,461.30		74	72	CASING JOINT(S)	42.60	3,028.93	

CONOCOPHILLIPS CO

**Final Pipe Tally Report**

Legal Well Name: UTAH 32-617  
 Common Well Name: UTAH 32-617  
 Event Name: DRILLING

Report #: 2  
 Start: 5/17/2004  
 Spud Date:  
 Report Date: 5/21/2004  
 End:

**Pipe Information**

Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct	Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct
75	73	CASING JOINT(S)	42.45	3,071.38		84	82	CASING JOINT(S)	41.35	3,452.51	
76	74	CASING JOINT(S)	42.63	3,114.01		85	83	CASING JOINT(S)	42.50	3,495.01	
77	75	CASING JOINT(S)	42.64	3,156.65		86	84	CASING JOINT(S)	42.75	3,537.76	
78	76	CASING JOINT(S)	43.20	3,199.85		87	85	CASING JOINT(S)	43.08	3,580.84	
79	77	CASING JOINT(S)	42.73	3,242.58		88	86	CASING JOINT(S)	42.70	3,623.54	
80	78	CASING JOINT(S)	41.75	3,284.33		89	89			3,623.54	
81	79	CASING JOINT(S)	42.61	3,326.94		OUT	87		42.90		
82	80	CASING JOINT(S)	41.62	3,368.56		OUT	88		43.03		
83	81	CASING JOINT(S)	42.60	3,411.16							

**CONOCOPHILLIPS CO**  
**Daily Drilling Report**

WELL NAME UTAH 32-617	JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD 3,660.0	TVD 3,660.0	DFS 2.00	REPT NO. 3	DATE 5/21/2004
SUPERVISOR LLOYD SHIRLEY	RIG NAME & NO. PENSE BRS. DRILLING 9	FIELD NAME / OCS NO.	AUTH MD 3,740.0	DAILY TANG 0.00	CUM. TANG 0.00			
CURRENT STATUS PREP TO RUN 5 1/2IN CSG	ACCIDENTS LAST 24 HRS.? NONE RPTD	DAILY INT W/O MUD 0.00	CUM INTANG W/ MUD 0.00					
24 HR FORECAST LOG WELL, R/DOWN & MOVE DRILL RIG, UNLOAD CSG	DATE OF LAST SAFETY MEETING 5/20/2004	DAILY TOTAL 6,730	CUM COST W/ MUD 89,790					
LITHOLOGY	JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S285	AUTH. 626,909			
LAST SURVEY: DATE	TMD	INC	AZIM	LAST CASING 8.625 (in) @ 382.0 (ft)	NEXT CASING 5.500 (in) @ (ft)	LAST BOP PRES TEST 5/18/2004		

**OPERATIONS SUMMARY**

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	09:30	3.50	DRILL P		TRIP	INTRM1	POOH TO 1000FT, PUMP 100 BBLS OF 2% KCL DOWN HOLE, FINISH POOH,
09:30	10:00	0.50	DRILL P		SFTY	INTRM1	SAFETY MEETING WITH LOGGERS, ORIENTATE LOGGERS,
10:00	13:30	3.50	EVALFM P		ELOG	INTRM1	R/UP LOGGERS,(NEUTRON, DENSITY, GAMMA RAY, WITH CALIPER), RIH, TAG BOTTOM @ 3660FT, LOG UP TO TOP OF FERRON, RUN BACK TO BOTTOM, TAG @ 3660FT, PULL HIGH RESOLUTION TO TOP OF FERRON, LOG UP TO SURFACE PIPE, POOH, RIG DOWN LOGGERS
13:30	15:00	1.50	MOVE P		RURD	INTRM1	RELEASE RIG @ 1330HRS 5/20/04, RIG DOWN & MOVE TO 224 LOCATION,
15:00	19:00	4.00	CASING P		RURD	INTRM1	MOVE ON WORKOVER, RIG UP, SET RACKS, UNLOAD CASING, SDFN
19:00	06:00	11.00	CASING		Wond	INTRM1	

**24 HR SUMMARY:** NO INCIDENTS, POOH, LOG WELL, RIG DOWN DRILL RIG, RIG UP WORKOVER, SET PIPE RACKS, UNLOAD CSG

**BITS**

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
4 / 1	7.875	NEW TECH	TRICONE	13485		2,995.0	5/20/2004	0-0-----

**BIT OPERATIONS**

BIT / RUN	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP

**PERSONNEL DATA**

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
	TRUCKING	5	20.00		TRUCKING	2	4.00
	RIG CREW	9	120.00	CONOCOPHILLIPS CO	CO SUPERVISOR	2	36.00
POOL WELL SERVICE	RIG CREW	4	16.00				

**REQUIREMENTS**

2 JSA'S  
2 STOP CARDS

**COMMENTS**

no incidents,  
2 jsa's,  
2 STOP CARDS

CONOCOPHILLIPS CO

Casing Report

Legal Well Name: UTAH 32-617  
 Common Well Name: UTAH 32-617  
 Event Name: DRILLING

Report #: 2  
 Start: 5/17/2004

Spud Date:  
 Report Date: 5/21/2004  
 End:

General Information

String Type: PRODUCTION CASING #1	Permanent Datum: GROUND LEVEL	Hole Size:	Hole TMD: 3,660.0 (ft)
Hole TVD: 3,660.0 (ft)	KB-Datum: 6,579.00 (ft)	Water TMD: (ft)	Str Wt on Slips: (lb)
Ground Level: 6,579.00 (ft)	CF Elevation: (ft)	Liner Overlap: (ft)	Max Hole Angle: (°)
Circ Hours: (hr)	Mud Lost: (bbl)	KB to Cutoff: (ft)	Days From Spud: 2.00 (days)

Casing Flange / Wellhead

Manufacturer:	Model:	Top Hub/Flange: (in) / (psi)
Hanger Model:	Packoff Model:	BTM Hub/Flange: (in) / (psi)

Actual TMD Set: 0.000 (ft)

Integral Casing Detail

Item	Size (in)	Weight (lb/ft)	Grade	Drift (in)	Threads	JTS	Length (ft)	Top (ft)	MU Torq. (ft-lbf)	THD	Manufacturer	Model	Cond.	Max OD (in)	Min ID (in)	Comp. Name
	1.000															

CONOCOPHILLIPS CO

**Cementing Report**

Legal Well Name: UTAH 32-617      Report #: 2      Spud Date:  
 Common Well Name: UTAH 32-617      Start: 5/17/2004      Report Date: 5/21/2004  
 Event Name: DRILLING      End:

**Cement Job Type: Primary**

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size: 7.875 (in)	Hole Size:	Hole Size:	Hole Size:
TMD Set: 3,623.54 (ft)	SQ TMD: (ft)	TMD Set:	Top Set: (ft)
Date Set: 5/21/2004	SQ Date:	Date Set:	BTM set: (ft)
Csg Type: PRODUCTION CASIN	SQ Type:	Csg Type:	Plug Date:
Csg Size: 5.500 (in)		SQ TMD:	Plug Type:
		SQ Date:	Drilled Out:
Cmtd. Csg: PRODUCTION CASIN	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:

Cement Co: HALLIBURTON      Cementer:      Pipe Movement:

**Pipe Movement**

Rot Time Start :      Time End :      RPM:      Init Torque: (ft-lbf)      Avg Torque: (ft-lbf)      Max Torque: (ft-lbf)  
 Rec Time Start :      Time End :      SPM:      Stroke Length: (ft)      Drag Up: (lb)      Drag Down: (lb)

**Stage No: 1 of 2**

Type: CEMENT STAGE 1	Start Mix Cmt: 15:23	Disp Avg Rate: 4.00 (bbl/min)	Returns:
Volume Excess %:	Start Slurry Displ: 15:25	Disp Max Rate: 6.00 (bbl/min)	Total Mud Lost: (bbl)
Meas. From: GL	Start Displ: 15:37	Bump Plug:	Cmt Vol to Surf: (bbl)
Time Circ Prior	End Pumping: 15:55	Press Prior: (psi)	
To Cementing:	End Pump Date: 5/21/2004	Press Bumped: (psi)	Ann Flow After:
Mud Circ Rate: (gpm)	Top Plug:	Press Held: (min)	Mixing Method:
Mud Circ Press: (psi)	Bottom Plug:	Float Held:	Density Meas By: DENSOMETER

**Mud Data**

Type: Density: (ppg) Visc: (s/qt)      PV/YP: (cp) / (lb/100ft<sup>2</sup>) Gels 10 sec: (lb/100ft<sup>2</sup>) Gels 10 min: (lb/100ft<sup>2</sup>)  
 Bottom Hole Circulating Temperature: (°F)      Bottom Hole Static Temperature: (°F)  
 Displacement Fluid Type:      Density: (ppg)      Volume: (bbl)

**Stage No: 2 of 2**

Type: CEMENT STAGE 2	Start Mix Cmt: 20:53	Disp Avg Rate: 4.00 (bbl/min)	Returns: 5 BBLs CEMENT
Volume Excess %: 30.00	Start Slurry Displ: 20:55	Disp Max Rate: 6.80 (bbl/min)	Total Mud Lost: (bbl)
Meas. From:	Start Displ: 21:18	Bump Plug:	Cmt Vol to Surf: (bbl)
Time Circ Prior	End Pumping: 21:35	Press Prior: (psi)	
To Cementing: 4.50	End Pump Date: 5/21/2004	Press Bumped: (psi)	Ann Flow After:
Mud Circ Rate: (gpm)	Top Plug:	Press Held: (min)	Mixing Method:
Mud Circ Press: (psi)	Bottom Plug:	Float Held:	Density Meas By: DENSOMETER

**Mud Data**

Type: Density: (ppg) Visc: (s/qt)      PV/YP: (cp) / (lb/100ft<sup>2</sup>) Gels 10 sec: (lb/100ft<sup>2</sup>) Gels 10 min: (lb/100ft<sup>2</sup>)  
 Bottom Hole Circulating Temperature: (°F)      Bottom Hole Static Temperature: (°F)  
 Displacement Fluid Type:      Density: (ppg)      Volume: (bbl)

CONOCOPHILLIPS CO  
**Cementing Report**

Legal Well Name: UTAH 32-617	Report #: 2	Spud Date:
Common Well Name: UTAH 32-617	Start: 5/17/2004	Report Date: 5/21/2004
Event Name: DRILLING	End:	

Casing Test	Shoe Test	Liner Top Test
Test Press: (psi) For: (min) Cement Found between Shoe and Collar:	Pressure: (ppge) Tool: Open Hole: (ft) Hrs Before Test:	Liner Lap: Pos Test: (ppge) Neg Test: (ppge) Hrs Before Test: Cement Found on Tool: Tool: Tool:

Log/Survey Evaluation	Interpretation Summary
CBL Run: Under Pressure: (psi) Bond Quality: Cet Run: Bond Quality: Temp Survey: Hrs Prior to Log:	Cement Top: (ft) How Determined: TOC Sufficient: Job Rating: If Unsuccessful Detection Indicator: Remedial Cementing Required: Number of Remedial Squeezes:

**Remarks**

BOTH STAGES WENT VERY WELL, GOOD RETURNS THRU OUT JOB  
 5 BBLS CEMENT TO SURFACE,



CONOCOPHILLIPS CO

Daily Drilling Report

WELL NAME UTAH 32-617		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG 3,660.0	TMD 3,660.0	TVD 3,660.0	DFS 1.00	REPT NO. 2	DATE 5/20/2004
SUPERVISOR LLOYD SHIRLEY	RIG NAME & NO. PENSE BRS. DRILLING 9	FIELD NAME / OCS NO.		AUTH MD 3,740.0	DAILY TANG 0.00		CUM. TANG 0.00		
CURRENT STATUS POOH TO LOG			ACCIDENTS LAST 24 HRS.? NONE RPTD	DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00			
24 HR FORECAST LOG WELL, R/DOWN & MOVE DRILL RIG, UNLOAD CSG			DATE OF LAST SAFETY MEETING 5/19/2004	DAILY TOTAL 33,230		CUM COST W/ MUD 79,997			
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S285	AUTH. 626,909			
LAST SURVEY: DATE	TMD	INC	AZIM	LAST CASING 8.625 (in) @ 382.0 (ft)	NEXT CASING 5.500 (in) @ (ft)	LAST BOP PRES TEST 5/18/2004			

OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	08:00	2.00	DRILL P		DRLG	INTRM1	DRILL 1550-1880FT
08:00	10:00	2.00	DRILL P		DRLG	INTRM1	DRILL 1880-2210FT
10:00	12:00	2.00	DRILL P		DRLG	INTRM1	DRILL 2210-2520FT, PRE TOUR SAFETY MEETING(DISCUSS POOH, WEARING PROPER PPE(CLEAR GLASSES AT NIGHT))
12:00	14:30	2.50	DRILL P		DRLG	INTRM1	DRILL 2520-2995
14:30	15:00	0.50	DRILL P		DRLG	INTRM1	CLEAN HOLE AND PREP TO POOH,
15:00	17:00	2.00	DRILL P		DRLG	INTRM1	POOH, LAY DOWN HAMMER
17:00	20:00	3.00	DRILL P		DRLG	INTRM1	RIH W/ 7 7/8IN TRICONE, STABILIZER, 4 6IN COLLARS(TOTAL BHA 150FT) AND DRILL PIPE, HIT BRIDGE @ 2920FT P/UP & WASH TO BOTTOM
20:00	22:30	2.50	DRILL P		DRLG	INTRM1	DRILL 7 7/8IN HOLE TO 3290FT,
22:30	00:00	1.50	DRILL P		DRLG	INTRM1	DRILL 3290-3380FT,
00:00	00:30	0.50	DRILL P		DRLG	INTRM1	PRE-TOUR SAFETY MTG, DISCUSS POOH, LAYING DOWN COLLARS
00:30	02:00	1.50	DRILL P		DRLG	INTRM1	DRILL 3380-3500FT, (DRILLING THRU HARD KNOT)
02:00	04:15	2.25	DRILL P		DRLG	INTRM1	DRILL 3500-3660FT TD @ 3660FT @ 0415HRS 5/20/2004,
04:15	05:00	0.75	DRILL		CIRC	INTRM1	CLEAN HOLE, PREP TO POOH,
05:00	06:00	1.00	DRILL		TRIP	INTRM1	POOH FOR LOG, PULL UP TO 3000FT PUMP 100BBLs OF 2% KCL DOWN HOLE FOR LOGGING

24 HR SUMMARY: NO INCIDENTS, DRILL 7 7/8IN HOLE TO 3660FT, POOH TO LOG

BITS

BIT / RUN	SIZE	MANUF	TYPE	SERIAL NO.	JETS OR TEA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 / 1	7.875	INGERSOL	HAMMER			390.0	5/20/2004	0-0-----
4 / 1	7.875	NEW TECH	TRICONE	13485		2,995.0	5/20/2004	0-0-----

BIT OPERATIONS

BIT / RUN	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
3 / 1	/	/					2,605.0			2,605.0	

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
CONOCOPHILLIPS CO	CO SUPERVISOR	2	36.00		RIG CREW	9	120.00
	TRUCKING	2	8.00				

REQUIREMENTS

2 JSA'S  
1 STOP CARD

## CONOCOPHILLIPS CO

## Daily Drilling Report

WELL NAME	JOB NUMBER	EVENT CODE	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
UTAH 32-617	1	DRL	3,660.0	3,660.0	3,660.0	1.00	2	5/20/2004

## COMMENTS

no incidents,  
2 jsa's,  
1 STOP CARD

CONOCOPHILLIPS CO

Daily Drilling Report

WELL NAME UTAH 32-617	JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG 3,660.0	TMD 3,660.0	TVD 3,660.0	DFS 1.00	REPT NO. 2	DATE 5/20/2004
SUPERVISOR LLOYD SHIRLEY	RIG NAME & NO. PENSE BRS. DRILLING 9	FIELD NAME / OCS NO.		AUTH MD 3,740.0	DAILY TANG 0.00		CUM. TANG 0.00	
CURRENT STATUS POOH TO LOG			ACCIDENTS LAST 24 HRS.? NONE RPTD	DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00		
24 HR FORECAST LOG WELL, R/DOWN & MOVE DRILL RIG, UNLOAD CSG			DATE OF LAST SAFETY MEETING 5/19/2004	DAILY TOTAL 33,230		CUM COST W/ MUD 83,060		
LITHOLOGY	JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S285		AUTH. 626,909		
LAST SURVEY: DATE	TMD	INC	AZIM	LAST CASING 8.625 (in) @ 382.0 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/18/2004

OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	08:00	2.00	DRILL P		DRLG	INTRM1	DRILL 1550-1880FT
08:00	10:00	2.00	DRILL P		DRLG	INTRM1	DRILL 1880-2210FT
10:00	12:00	2.00	DRILL P		DRLG	INTRM1	DRILL 2210-2520FT, PRE TOUR SAFETY MEETING(DISCUSS POOH, WEARING PROPER PPE(CLEAR GLASSES AT NIGHT))
12:00	14:30	2.50	DRILL P		DRLG	INTRM1	DRILL 2520-2995
14:30	15:00	0.50	DRILL P		DRLG	INTRM1	CLEAN HOLE AND PREP TO POOH,
15:00	17:00	2.00	DRILL P		DRLG	INTRM1	POOH, LAY DOWN HAMMER
17:00	20:00	3.00	DRILL P		DRLG	INTRM1	RIH W/ 7 7/8IN TRICONE, STABILIZER, 4 6IN COLLARS(TOTAL BHA 150FT) AND DRILL PIPE, HIT BRIDGE @ 2920FT P/UP & WASH TO BOTTOM
20:00	22:30	2.50	DRILL P		DRLG	INTRM1	DRILL 7 7/8IN HOLE TO 3290FT,
22:30	00:00	1.50	DRILL P		DRLG	INTRM1	DRILL 3290-3380FT,
00:00	00:30	0.50	DRILL P		DRLG	INTRM1	PRE-TOUR SAFETY MTG, DISCUSS POOH, LAYING DOWN COLLARS
00:30	02:00	1.50	DRILL P		DRLG	INTRM1	DRILL 3380-3500FT, (DRILLING THRU HARD KNOT)
02:00	04:15	2.25	DRILL P		DRLG	INTRM1	DRILL 3500-3660FT TD @ 3660FT @ 0415HRS 5/20/2004,
04:15	05:00	0.75	DRILL		CIRC	INTRM1	CLEAN HOLE, PREP TO POOH,
05:00	06:00	1.00	DRILL		TRIP	INTRM1	POOH FOR LOG, PULL UP TO 3000FT PUMP 100BBLs OF 2% KCL DOWN HOLE FOR LOGGING

24 HR SUMMARY: NO INCIDENTS, DRILL 7 7/8IN HOLE TO 3660FT, POOH TO LOG

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 /	1	7.875	INGERSOL	HAMMER		390.0	5/20/2004	0-0-----
4 /	1	7.875	NEW TECH	TRICONE	13485	2,995.0	5/20/2004	0-0-----

BIT OPERATIONS

BIT / RUN	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
3 /	1	/	/				2,605.0			2,605.0	

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
CONOCOPHILLIPS CO	CO SUPERVISOR	2	36.00		RIG CREW	9	120.00
	TRUCKING	2	8.00				

REQUIREMENTS

2 JSA'S  
1 STOP CARD

**CONOCOPHILLIPS CO**  
**Daily Drilling Report**

WELL NAME	JOB NUMBER	EVENT CODE	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
UTAH 32-617	1	DRL	3,660.0	3,660.0	3,660.0	1.00	2	5/20/2004

**COMMENTS**

no incidents,  
2 jsa's,  
1 STOP CARD



CONOCOPHILLIPS CO

**Final Pipe Tally Report**

Legal Well Name: UTAH 32-617      Spud Date:  
 Common Well Name: UTAH 32-617      Report #: 1      Report Date: 5/19/2004  
 Event Name: DRILLING      Start: 5/17/2004      End:

Date Run: 5/19/2004      Proposed Setting TMD: (ft)  
 Buoyancy Factor:      Block Weight: (lb)

**Pipe Information**

Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct	Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct
1			33.60	33.60		7			31.65	221.51	
2			32.90	66.50		8			32.35	253.86	
3			31.90	98.40		9			31.35	285.21	
4			31.40	129.80		10			32.80	318.01	
5			32.36	162.16		11			32.00	350.01	
6			27.70	189.86		12			32.58	382.59	

**CONOCOPHILLIPS CO**  
**Daily Drilling Report**

WELL NAME UTAH 32-617	JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD	TVD	DFS	REPT NO. 1	DATE 5/19/2004
SUPERVISOR LLOYD SHIRLEY	RIG NAME & NO.	FIELD NAME / OCS NO.		AUTH MD 3,740.0	DAILY TANG 0.00	CUM. TANG 0.00		
CURRENT STATUS drilling 7 7/8in hole @ 1550ft			ACCIDENTS LAST 24 HRS.? NONE RPTD	DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00		
24 HR FORECAST drill to 3700ft, pooh to log			DATE OF LAST SAFETY MEETING 5/18/2004	DAILY TOTAL 49,830		CUM COST W/ MUD 49,830		
LITHOLOGY	JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S285	AUTH. 626,909			
LAST SURVEY: DATE	TMD	INC	AZIM	LAST CASING 8.625 (in) @ 382.0 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/18/2004

**OPERATIONS SUMMARY**

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	06:30	0.50	DRILL P		SFTY	COND1	SAFETY MTG, DISCUSS JSA'S & STOP CARDS, PPE, LOOKING OUT FOR EACH OTHER,
06:30	07:00	0.50	DRILL P		DRLG	COND1	SPUD WELL @ 0630HRS 5/18/04, DRILL & SET 10 FT OF 12 1/4IN CONDUCTOR PIPE,
07:00	08:00	1.00	DRILL P		DRLG	COND1	N/UP TO DRILL 11IN SURFACE HOLE
08:00	11:00	3.00	DRILL P		DRLG	SURFAC	DRILL 390FT OF 11IN HOLE,
11:00	12:00	1.00	DRILL P		DRLG	SURFAC	CLEAN HOLE, POOH, PREP TO RUN SURFACE PIPE, RIH W/ 8 5/8IN GUIDE SHOE + 12 JTS OF 8 5/8IN 24# J-55 CSG, LAND @ 382FT, N/UP TO CEMENT SURFACE PIPE,
12:00	12:30	0.50	CEMENT PN		WOCT	SURFAC	WAIT ON CEMENTERS, SAFETY MEETING WITH CREW, DISCUSS JSA'S, STOP CARDS,
12:30	13:00	0.50	CEMENT P		SFTY	SURFAC	R/UP CEMENTERS, SAFETY MTG WITH CEMENT CREW, DISCUS JOB, JSA'S
13:00	13:30	0.50	CEMENT P		OTHR	SURFAC	CEMENT SURFACE CSG AS FOLLOWS, PUMP 30 BBLS OF FRESH WATER AHEAD, MIX & PUMP 165 SKS OF G, 2%CACL, .25#/SK FLOCELE @ 15.60 PPG, DISPLACE W/ 20 BBLS OF FRESH WATER,(4BBLS UNDER DISPLACEMENT), 12BBLS OF GOOD CEMENT TO SURFACE, CLOSE VALVE @ 1330HRS 5/18/04, CEMENT HELD @ SURFACE, GOOD JOB,(WITNESSED BY MARK JONES OF DOGM),
13:30	18:30	5.00	CEMENT P		WOC	SURFAC	WAITING ON CEMENT,
18:30	21:30	3.00	TREBOP P		NUND	SURFAC	BREAK LOOSE, N/UP BOP & MANIFOLD,
21:30	23:00	1.50	TREBOP P		BOPE	SURFAC	TEST BOP AS FOLLOWS, PIPE RAMS: 250PSI LOW F/ 5 MINUTES, 2000PSI HIGH FOR 10 MINUTES,
23:00	23:30	0.50	DRILL P		RURD	INTRM1	BLIND RAMS, KILLLINE, CHOKE LINE & MANIFOLD 250PSI LOW, 2000PSI HIGH 10 MINUTES, PIPE RAMS 250PSI LOW, 2000PSI HIGH, 10 MINUTES, CASING 400PSI ,
23:30	00:30	1.00	DRILL P		DRLG	INTRM1	CASING: 400PSI FOR 30 MINUTES (WITNESSED BY MARK JONES OF DOGM),
00:30	03:00	2.50	DRILL P		DRLG	INTRM1	air 425psi, drill 7 7/8in hole 400ft-1040ft,
03:00	06:00	3.00	DRILL P		DRLG	INTRM1	air 425psi, drill 7 7/8in hole 1040-1550ft,

**24 HR SUMMARY:** PRE-SPUD SAFETY MTG, RIG INSPECTION, DISCUSS JSA'S & STOP CARDS, SPUD WELL @ 0630HRS 5/18/04, DRILL & SET SURFACE PIPE, CEMENT SAME, TEST BOP, DRILLING 7 7/8IN HOLE

**BITS**

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
1 /	1	15.000	INGERSOL	HAMMER		0.0	5/18/2004	0-0-----
2 /	1	11.000	INGERSOL	HAMMER		10.0	5/19/2004	0-0-----
3 /	1	7.875	INGERSOL	HAMMER		390.0	5/20/2004	0-0-----

**BIT OPERATIONS**

BIT / RUN	WOB	RPM	GPM	PRESS	P BIT	HRS	24hr DIST	24hr ROP	CUM HRS	CUM DEPTH	CUM ROP
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**CONOCOPHILLIPS CO**  
**Daily Drilling Report**

WELL NAME	UTAH 32-617	JOB NUMBER	1	EVENT CODE	DRL	24 HRS PROG		TMD		TVD		DFS		REPT NO.	1	DATE	5/19/2004
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**BIT OPERATIONS**

BIT / RUN	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM.HRS	CUM DEPTH	CUM.ROP
1 / 1	/	/					10.0			10.0	
2 / 1	/	/					380.0			380.0	

**PERSONNEL DATA**

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
CONOCOPHILLIPS CO	CO SUPERVISOR	2	36.00	HALLIBURTON	CEMENTERS	3	18.00
	RIG CREW	9	120.00		DOGM REPRESENTATI	1	4.00
	TRUCKING	3	30.00		BOP TESTERS	1	4.00

**REQUIREMENTS**

4JSA,S  
2 STOP CARDS

**COMMENTS**

no incidents,  
2 jsa's,  
2 stop cards

CONOCOPHILLIPS CO  
**Cementing Report**

Legal Well Name: UTAH 32-617      Report #: 1      Spud Date:  
 Common Well Name: UTAH 32-617      Start: 5/17/2004      Report Date: 5/19/2004  
 Event Name: DRILLING      End:

**Cement Job Type: Primary**

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size: 11.000 (in)	Hole Size:	Hole Size:	Hole Size:
TMD Set: 382.00 (ft)	SQ TMD: (ft)	TMD Set:	Top Set: (ft)
Date Set: 5/18/2004	SQ Date:	Date Set:	BTM set: (ft)
Csg Type: SURFACE CASING	SQ Type:	Csg Type:	Plug Date:
Csg Size: 8.625 (in)		SQ TMD:	Plug Type:
		SQ Date:	Drilled Out:
Cmtd. Csg: SURFACE CASING	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:

Cement Co: HALLIBURTON      Cementer: DAN HUBER      Pipe Movement: NO MOVEMENT

**Pipe Movement**

Rot Time Start: :      Time End: :      RPM:      Init Torque: (ft-lbf)      Avg Torque: (ft-lbf)      Max Torque: (ft-lbf)  
 Rec Time Start: :      Time End: :      SPM:      Stroke Length: (ft)      Drag Up: (lb)      Drag Down: (lb)

**Stage No: 1 of 1**

Type: BOTTOM (FROM SHOE)	Start Mix Cmt: :	Disp Avg Rate: 2.00 (bbl/min)	Returns: 12 BBLS
Volume Excess %: 100.00	Start Slurry Displ: 13:05	Disp Max Rate: 3.00 (bbl/min)	Total Mud Lost: (bbl)
Meas. From: GL	Start Displ: 13:32	Bump Plug:	Cmt Vol to Surf: (bbl)
Time Circ Prior	End Pumping: 13:42	Press Prior: (psi)	
To Cementing:	End Pump Date:	Press Bumped: (psi)	Ann Flow After:
Mud Circ Rate: (gpm)	Top Plug:	Press Held: (min)	Mixing Method:
Mud Circ Press: (psi)	Bottom Plug:	Float Held:	Density Meas By: DENSOMETER

**Mud Data**

Type: Density: (ppg) Visc: (s/qt)      PV/YP: (cp) / (lb/100ft<sup>2</sup>) Gels 10 sec: (lb/100ft<sup>2</sup>) Gels 10 min: (lb/100ft<sup>2</sup>)  
 Bottom Hole Circulating Temperature: (°F)      Bottom Hole Static Temperature: (°F)  
 Displacement Fluid Type:      Density: (ppg)      Volume: (bbl)

CONOCOPHILLIPS CO  
**Cementing Report**

Legal Well Name: UTAH 32-617	Report #: 1	Spud Date:
Common Well Name: UTAH 32-617	Start: 5/17/2004	Report Date: 5/19/2004
Event Name: DRILLING		End:

Casing Test	Shoe Test	Liner Top Test
Test Press: 400 (psi) For: 30 (min) Cement Found between Shoe and Collar: N	Pressure: (ppge) Tool: N Open Hole: (ft) Hrs Before Test:	Liner Lap: Pos Test: (ppge) Tool: N Neg Test: (ppge) Tool: N Hrs Before Test: Cement Found on Tool: N

Log/Survey Evaluation	Interpretation Summary
CBL Run: N Under Pressure: (psi) Bond Quality: Cet Run: N Bond Quality: Temp Survey: N Hrs Prior to Log:	Cement Top: (ft) How Determined: TOC Sufficient: N Job Rating: If Unsuccessful Detection Indicator: Remedial Cementing Required: N Number of Remedial Squeezes:

**Remarks**

34.5 BBLS OF SLURRY, GOOD JOB, CEMENT RETURNS STAYED AT SURFACE,

CONOCOPHILLIPS CO

**Casing Report**

Legal Well Name: UTAH 32-617  
 Common Well Name: UTAH 32-617  
 Event Name: DRILLING

Report #: 1  
 Start: 5/17/2004

Spud Date:  
 Report Date: 5/19/2004  
 End:

**General Information**

String Type: SURFACE CASING	Permanent Datum: GROUND LEVEL	Hole Size:	Hole TMD: 390.0 (ft)
Hole TVD: 382.0 (ft)	KB-Datum: 6,579.00 (ft)	Water TMD: (ft)	Str Wt on Slips: (lb)
Ground Level: 6,579.00 (ft)	CF Elevation: (ft)	Liner Overlap: (ft)	Max Hole Angle: (°)
Circ Hours: (hr)	Mud Lost: (bbl)	KB to Cutoff: (ft)	Days From Spud: (days)

**Casing Flange / Wellhead**

Manufacturer: CAMERON  
 Hanger Model:  
 Model:  
 Packoff Model:  
 Top Hub/Flange: (in) / (psi)  
 BTM Hub/Flange: (in) / (psi)  
 Actual TMD Set: 382.850 (ft)

**Integral Casing Detail**

Item	Size (in)	Weight (lb/ft)	Grade	Drift (in)	Threads	JTS	Length (ft)	Top (ft)	MU Torq. (ft-lbf)	THD	Manufacturer	Model	Cond.	Max OD (in)	Min ID (in)	Comp. Name
GUIDE SHOE	8.625	24.00	J-55		ST&C	1	0.850			Y						
CASING JOINT(S)	8.625	24.00	J-55		ST & C	12	382.000	0.85								

**Non-Integral Casing Accessories**

Accessory	Manufacturer	Number	Spacing (ft)	Interval		How Fixed
				Top (ft)	Bottom (ft)	
CENTRALIZER	HALLIBURTON	3				COLLAR FLOATING
CEMENT BASKET	HALLIBURTON	1				

CONOCOPHILLIPS CO

Daily Drilling Report

WELL NAME UTAH 32-617	JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD	TVD	DFS	REPT NO. 1	DATE 5/19/2004
SUPERVISOR LLOYD SHIRLEY	RIG NAME & NO.	FIELD NAME / OCS NO.	AUTH MD 3,740.0	DAILY TANG 0.00	CUM. TANG 0.00			
CURRENT STATUS drilling 7 7/8in hole @ 1550ft	ACCIDENTS LAST 24 HRS.? NONE RPTD	DAILY INT W/O MUD 0.00	CUM INTANG W/ MUD 0.00					
24 HR FORECAST drill to 3700ft, pooh to log	DATE OF LAST SAFETY MEETING 5/18/2004	DAILY TOTAL 46,767	CUM COST W/ MUD 46,767					
LITHOLOGY	JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S285	AUTH. 626,909			
LAST SURVEY: DATE	TMD	INC	AZIM	LAST CASING 8.625 (in) @ 382.0 (ft)	NEXT CASING 5.500 (in) @ (ft)	LAST BOP PRES TEST 5/18/2004		

OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	06:30	0.50	DRILL P		SFTY	COND1	SAFETY MTG, DISCUSS JSA'S & STOP CARDS, PPE, LOOKING OUT FOR EACH OTHER,
06:30	07:00	0.50	DRILL P		DRLG	COND1	SPUD WELL @ 0630HRS 5/18/04, DRILL & SET 10 FT OF 12.1/4IN CONDUCTOR PIPE,
07:00	08:00	1.00	DRILL P		DRLG	COND1	N/UP TO DRILL 11IN SURFACE HOLE
08:00	11:00	3.00	DRILL P		DRLG	SURFAC	DRILL 390FT OF 11IN HOLE,
11:00	12:00	1.00	DRILL P		DRLG	SURFAC	CLEAN HOLE, POOH, PREP TO RUN SURFACE PIPE, RIH W/ 8 5/8IN GUIDE SHOE + 12 JTS OF 8 5/8IN 24# J-55 CSG, LAND @ 382FT, N/UP TO CEMENT SURFACE PIPE,
12:00	12:30	0.50	CEMENT PN		WOCT	SURFAC	WAIT ON CEMENTERS, SAFETY MEETING WITH CREW, DISCUSS JSA'S, STOP CARDS,
12:30	13:00	0.50	CEMENT P		SFTY	SURFAC	R/UP CEMENTERS, SAFETY MTG WITH CEMENT CREW, DISCUS JOB, JSA'S
13:00	13:30	0.50	CEMENT P		OTHR	SURFAC	CEMENT SURFACE CSG AS FOLLOWS, PUMP 30 BBLs OF FRESH WATER AHEAD, MIX & PUMP 165 SKS OF G, 2%CACL, .25#/SK FLOCELE @ 15.60 PPG, DISPLACE W/ 20 BBLs OF FRESH WATER,(4BBLs UNDER DISPLACEMENT), 12BBLs OF GOOD CEMENT TO SURFACE, CLOSE VALVE @ 1330HRS 5/18/04, CEMENT HELD @ SURFACE, GOOD JOB,(WITNESSED BY MARK JONES OF DOGM),
13:30	18:30	5.00	CEMENT P		WOC	SURFAC	WAITING ON CEMENT,
18:30	21:30	3.00	TREBOP P		NUND	SURFAC	BREAK LOOSE, N/UP BOP & MANIFOLD,
21:30	23:00	1.50	TREBOP P		BOPE	SURFAC	TEST BOP AS FOLLOWS, PIPE RAMS: 250PSI LOW F/ 5 MINUTES, 2000PSI HIGH FOR 10 MINUTES, BLIND RAMS, KILLLINE, CHOKE LINE & MANIFOLD 250PSI LOW, 2000PSI HIGH 10 MINUTES, CASING: 400PSI FOR 30 MINUTES (WITNESSED BY MARK JONES OF DOGM),
23:00	23:30	0.50	DRILL P		RURD	INTRM1	N/UP TO DRILL 7 7/8IN HOLE
23:30	00:30	1.00	DRILL P		DRLG	INTRM1	RIH W/ HAMMER, TAG CEMENT @ 310FT, DRILL OUT, SAFETY MTG WITH MORNING TOWER CREW, DISCUSSED DRILLING AHEAD, PPE,
00:30	03:00	2.50	DRILL P		DRLG	INTRM1	air 425psi, drill 7 7/8in hole 400ft-1040ft,
03:00	06:00	3.00	DRILL P		DRLG	INTRM1	air 425psi, drill 7 7/8in hole 1040-1550ft,

24 HR SUMMARY: PRE-SPUD SAFETY MTG, RIG INSPECTION, DISCUSS JSA'S & STOP CARDS, SPUD WELL @ 0630HRS 5/18/04, DRILL & SET SURFACE PIPE, CEMENT SAME, TEST BOP, DRILLING 7 7/8IN HOLE

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN DATE IN	I-O-D-L-B-G-O-R
1 / 1	15.000	INGERSOL	HAMMER			0.0 5/18/2004	0-0-----

**CONOCOPHILLIPS CO**  
**Daily Drilling Report**

WELL NAME	UTAH 32-617	JOB NUMBER	1	EVENT CODE	DRL	24 HRS PROG		TMD		TVD		DFS		REPT NO.	1	DATE	5/19/2004
-----------	-------------	------------	---	------------	-----	-------------	--	-----	--	-----	--	-----	--	----------	---	------	-----------

**BITS**

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
2 / 1	11.000	INGERSOL	HAMMER			10.0	5/19/2004	0-0-----
3 / 1	7.875	INGERSOL	HAMMER			390.0	5/20/2004	0-0-----

**BIT OPERATIONS**

BIT / RUN	WOB	RPM	GPM	PRESS	P-BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
1 / 1	/	/					10.0			10.0	
2 / 1	/	/					380.0			380.0	

**PERSONNEL DATA**

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
CONOCOPHILLIPS CO	CO SUPERVISOR	2	36.00	HALLIBURTON	CEMENTERS	3	18.00
	RIG CREW	9	120.00		DOGM REPRESENTATI	1	4.00
	TRUCKING	3	30.00		BOP TESTERS	1	4.00

**REQUIREMENTS**

4JSA,S  
2 STOP CARDS

**COMMENTS**

no incidents,  
2 jsa's,  
2 stop cards

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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**

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.

008

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-43209
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 144' FNL, 648' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 T15S R09 S		8. WELL NAME and NUMBER: Utah 32-617
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 4300730935
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
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>Spud Notice</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.  
Please be advised that the Utah 32-617 well was spud on 5/18/04, Pense Bros. Rig #9, Dry Drill.

**OPY**

**CONFIDENTIAL**

NAME (PLEASE PRINT) <u>Frankie Hathaway</u>	TITLE <u>Sr. Planning, Compliance &amp; HSE Assistant</u>
SIGNATURE <u>Frankie Hathaway</u>	DATE <u>5/27/2004</u>

(This space for State use only)

**RECEIVED**  
**JUN 29 2004**  
**DIV. OF OIL, GAS & MINING**

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

009

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL		OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-43209
2. NAME OF OPERATOR: ConocoPhillips Company				6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 851		CITY Price	STATE UT	7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
		ZIP 84501	PHONE NUMBER: (435) 613-9777	8. WELL NAME and NUMBER: Utah 32-617
4. LOCATION OF WELL		FOOTAGES AT SURFACE: 144' FNL, 648' FWL		9. API NUMBER: 4300730935
		QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 T15 R09 S		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
		COUNTY: Carbon		
		STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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>Notice of First Production</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.

Please be advised that the Utah 32-617 well showed first production on 8/13/04.

Gas: 285 mcf  
Water: 252 bbl  
Tbg Pressure: 17  
Csg Pressure: 16

ORIGINAL  
CONFIDENTIAL

NAME (PLEASE PRINT) <u>Frankie Hathaway</u>	TITLE <u>Sr. Planning, Compliance &amp; HSE Assistant</u>
SIGNATURE <u>Frankie Hathaway</u>	DATE <u>8/19/2004</u>

(This space for State use only)

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DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT  FORM 8  
(highlight changes)

010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-43209

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT or CA AGREEMENT NAME  
Drunkards Wash UTU-67921X

8. WELL NAME and NUMBER:  
Utah 32-617

2. NAME OF OPERATOR:  
ConocoPhillips Company

9. API NUMBER:  
4300730935

3. ADDRESS OF OPERATOR:  
P.O. Box 851 CITY Price STATE UT ZIP 84501

PHONE NUMBER: (435) 613-9777

10. FIELD AND POOL, OR WILDCAT  
Drunkards Wash

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 144' FNL, 648' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NWNW 32 15 09 S

12. COUNTY  
Carbon

13. STATE  
UTAH

14. DATE SPUDDED: 5/18/2004

15. DATE T.D. REACHED: 5/20/2004

16. DATE COMPLETED: 8/12/2004

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
6579.5GR

18. TOTAL DEPTH: MD 3,660 TVD

19. PLUG BACK T.D.: MD 3,624 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)  
Dual Induction, Laterolog, SFF, Caliper, Compensated Density & Neutron, CBL-GR-CH

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
15"	12 3/4 PE	Conductor	0	10					
11"	8 5/8 J-55	24#/ft	10	382		G,2% 165			
7 7/8"	5 1/2 N-80	17#/ft	382	3,624		50/50 438 2% KCL 66			

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	3,456							

26. PRODUCING INTERVALS

27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Ferron Coals	3,276	3,286			3,276 3,286	.40	4	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Ferron Coals	3,313	3,316			3,313 3,316	.40	4	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Ferron Coals	3,349	3,358			3,349 3,358	.40	4	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D) Ferron Coals	3,387	3,391			3,387 3,391	.40	4	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3387-3391	0#, 20/40; 40,000#, 16/30; 14,877 gal fluid
3349-3358	0#, 20/40; 64,800#, 16/30; 34,556 gal fluid
3176-3316	0#, 20/40; 65,600#, 16/30; 36,290 gal fluid

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  OTHER: \_\_\_\_\_

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS

30. WELL STATUS:

Producing

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/13/2004	TEST DATE: 8/13/2004	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 434	WATER - BBL: 130	PROD. METHOD:		
CHOKER SIZE: 10	TBG. PRESS. 11	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 434	WATER - BBL: 130	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 8/13/2004	TEST DATE: 8/13/2004	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 434	WATER - BBL: 130	PROD. METHOD:		
CHOKER SIZE: 10	TBG. PRESS. 11	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 434	WATER - BBL: 130	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED: 8/13/2004	TEST DATE: 8/13/2004	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 434	WATER - BBL: 130	PROD. METHOD:		
CHOKER SIZE: 10	TBG. PRESS. 11	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 434	WATER - BBL: 130	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:		
CHOKER SIZE:	TBG. 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.)

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)
Bluegate Bent.	3,071	3,594	Coal intervals: 3242-3360		3,071
Ferron	3,229				3,229
Tununk	3,498				3,498
Ferron Coals	3,242	3,360			

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) Jean Semborski TITLE Planning and Compliance Supervisor  
 SIGNATURE *Jean Semborski* DATE 11/4/2004

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 Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

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

FORM 6

**ENTITY ACTION FORM**

Operator: ConocoPhillips Operator Account Number: N 2335  
 Address: 6825 South 5300 West  
city Price  
state UT zip 84501 Phone Number: (435) 613-9777

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730894	UTAH 19-532		SWNE	19	14S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	13805	11256				11/9/05	
<b>Comments:</b> Well was converted to PA on 07/01/2003. <i>FRSD</i> <span style="float: right;">-K</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730889	UTAH 32-128		SWSW	32	14S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	13813	11256				11/9/05	
<b>Comments:</b> Well was converted to PA on 08/01/2003. <i>FRSD</i> <span style="float: right;">-K</span>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730935	UTAH 32-617		NWNW	32	15S	09E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	14185	11256				11/9/05	
<b>Comments:</b> Well was converted to PA on 07/01/2004. <i>FRSD</i> <span style="float: right;">-K</span>							

**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)

Lynnette Allred

Name (Please Print)

Signature

Sr. Operations Assistant

Title

11/9/2005

Date

(5/2000)

*e-mail*

RECEIVED

NOV 09 2005

NOV 14 2005

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

December 27, 2004

ConocoPhillips Company  
Attn: Gregory A. Reeves  
WL3-5038  
P.O. Box 2197  
Houston, Texas 77252-2197

**RECEIVED**  
**DEC 30 2004**

DIV. OF OIL, GAS & MINING

Re: 9th Revision of the  
Consolidated Ferron Formation  
Participating Area "A,C,D"  
Drunkards Wash Unit  
Carbon and Emery Counties, Utah

Gentlemen:

The 9th Revision Consolidated Ferron Formation Participating Area "A,C,D", Drunkards Wash Unit, UTU67921F, is hereby approved effective as of July 1, 2004, pursuant to Section 11 of the Drunkards Wash Unit Agreement, Carbon and Emery Counties, Utah.

The 9th Revision of the Consolidated Ferron Formation Participating Area "A,C,D" results in the addition of 320.00 acres to the participating area for a total of 69,862.87 acres and is based upon the completion of the following wells, as capable of producing unitized substances in paying quantities.

WELL NO.	API NO.	LOCATION	LEASE NO.
Price 32-438	43-007-30888	NWSE, 32-14S-10E	Patented
Utah 32-617	43-007-30935	NWNW, 32-15S-9E	ML-43209

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 9th Revision Consolidated Ferron Formation Participating Area "A,C,D, Drunkards Wash Unit and the effective date.

Sincerely,

/s/ Terry Catlin

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

Enclosure