

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

FORM 3

001

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: <b>ML48205</b>	6. SURFACE: <b>State</b>
1A. TYPE OF WORK:    DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>	
8. 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: <b>Drunkards Wash UTU-67921X</b>	
2. NAME OF OPERATOR: <b>ConocoPhillips Company</b>		9. WELL NAME and NUMBER: <b>Utah 05-224</b>	
3. ADDRESS OF OPERATOR: <b>P.O. Box 851</b> CITY <b>Price</b> STATE <b>UT</b> ZIP <b>84501</b>		PHONE NUMBER: <b>(435) 613-9777</b>	10. FIELD AND POOL, OR WILDCAT: <b>Drunkards Wash</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2356.8' FSL, 2495.3' FWL</b> AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 5 15 09</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>7.6 miles SW of Price, Utah</b>		12. COUNTY: <b>Carbon</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>2356'</b>	16. NUMBER OF ACRES IN LEASE: <b>1548.24'</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>160</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>2300'</b>	19. PROPOSED DEPTH: <b>4,011</b>	20. BOND DESCRIPTION: <b>Rotary</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>7050.7'</b>	22. APPROXIMATE DATE WORK WILL START: <b>6/1/2004</b>	23. ESTIMATED DURATION:	

**24. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
14"	12 3/4" Conductor	40	
11"	J-55    8 5/8"    24#/ft	401	170 sks G+2&CaCl    +1/4#/sk    flocel
7 7/8"	N-80    5 1/2"    17#/ft	4,001	200 sks 50/50 poz    8%gel+2%    CaCl+1%    extender
			90 sks "G" thixtropic

**RECEIVED**  
**APR 02 2004**

**25. ATTACHMENTS**

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

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

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

(This space for State use only)

API NUMBER ASSIGNED: 43-007-30934

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 05-03-04  
By: *[Signature]*

**CONFIDENTIAL**

# Range 9 East

S89°58'41"E 2504.03'  
(S89°57'W 2632.08')

(S89°51'W 2626.8')

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

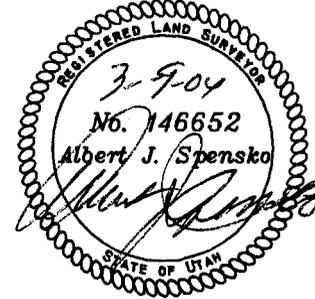
**Basis of Bearing:**  
THE BASIS OF BEARING IS GPS MEASURED.

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

**Basis of Elevation:**  
BASIS OF ELEVATION OF 6577' BEING AT THE NORTHEAST SECTION CORNER OF SECTION 33, TOWNSHIP 14 SOUTH, RANGE 8 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE WATTIS QUADRANGLE 7.5 MINUTE QUAD SERIES MAP.

**Description of Location:**  
PROPOSED DRILL HOLE LOCATED IN THE NE1/4, SW1/4 OF SECTION 5, T15S, R9E, S.L.B.&M., BEING 2356.83' NORTH AND 2495.33' EAST FROM THE SOUTHWEST CORNER OF SECTION 5, 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.



Talon Resources, Inc.  
P.O. Box 1230 195 N 100 W  
Huntington, Utah 84526  
Ph: 435-687-5310  
Fax: 435-687-5311

**ConocoPhillips Company**

Well # 05-224  
Section 05, T15S, R9E, S.L.B.&M.  
Carbon County, Utah

Drawn By  
J. STANSFIELD

Drawing No.

A-1

Sheet 1 of 4

Checked By  
L.W.J./A.J.S.

Date  
03/08/04

Scale  
1" = 1000'

Job No  
1298

Township 15 South

(N0°01'W 2757.46')

(N0°05'W 2605.68')

(N0°39'E 2993.76')  
(N00°32'24"E 2751.61')

(N0°04'W 2607.66')  
(N00°01'03"W 2644.17')

2495.33'

WELL #05-224  
ELEVATION 7050.7'

UTM  
N 4377485  
E 505382

2356.83'

(S84°43'E 2597.76')

(S89°45'05"E 2635.68')

(N89°49'E 2636.04')

(S89°58'32"W 2636.22')

## Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Rock Pile
- ( ) GLO

GPS Measured

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

LAT / LONG  
39°32'56"N  
110°56'15"W

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

Exhibit A 1 of 3



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

RECEIVED

APR 02 2004

DIV. OF OIL, GAS & 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 05-224, NE/4 SW/4 Sec. 05  
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 "T" - Evidence of Bond;

**COPY**

**CONFIDENTIAL**

Utah 05-224

Page 2

This proposed well is located more than 460' from the boundary of the Unit Area and from the boundary of any uncommitted tract within the Unit Area and will not require the administrative approval in accordance with 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  
Ms. Julie Bennett, Dominion Resources  
Mr. Don Stephens, BLM, Price, Utah  
Ms. Jeanette Borges, 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 05-224  
NE/4, SW/4, Sec.05, T15S, R09E, SLB & M  
2356.8' FSL, 2495.3' FWL  
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 3511'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3541' - 3711'

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 SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW, 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: 170 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 1737 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 June 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 05-224  
NE/4, SW/4, Sec. 05, T15S, R09E, SLB&M  
2356.8' FSL, 2495.3' 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 50' of new access is required (See Exhibit "B")

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 2%
- c. Turnouts: None
- d. Drainage design: 1 culvert 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 10 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 18,000 feet southeast.
- b. Nearest live water is North Spring located at 7500' southwest.
- 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  
Planning and Compliance 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

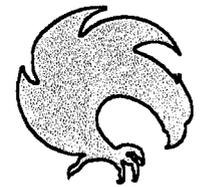
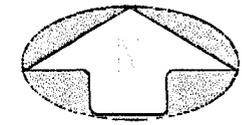
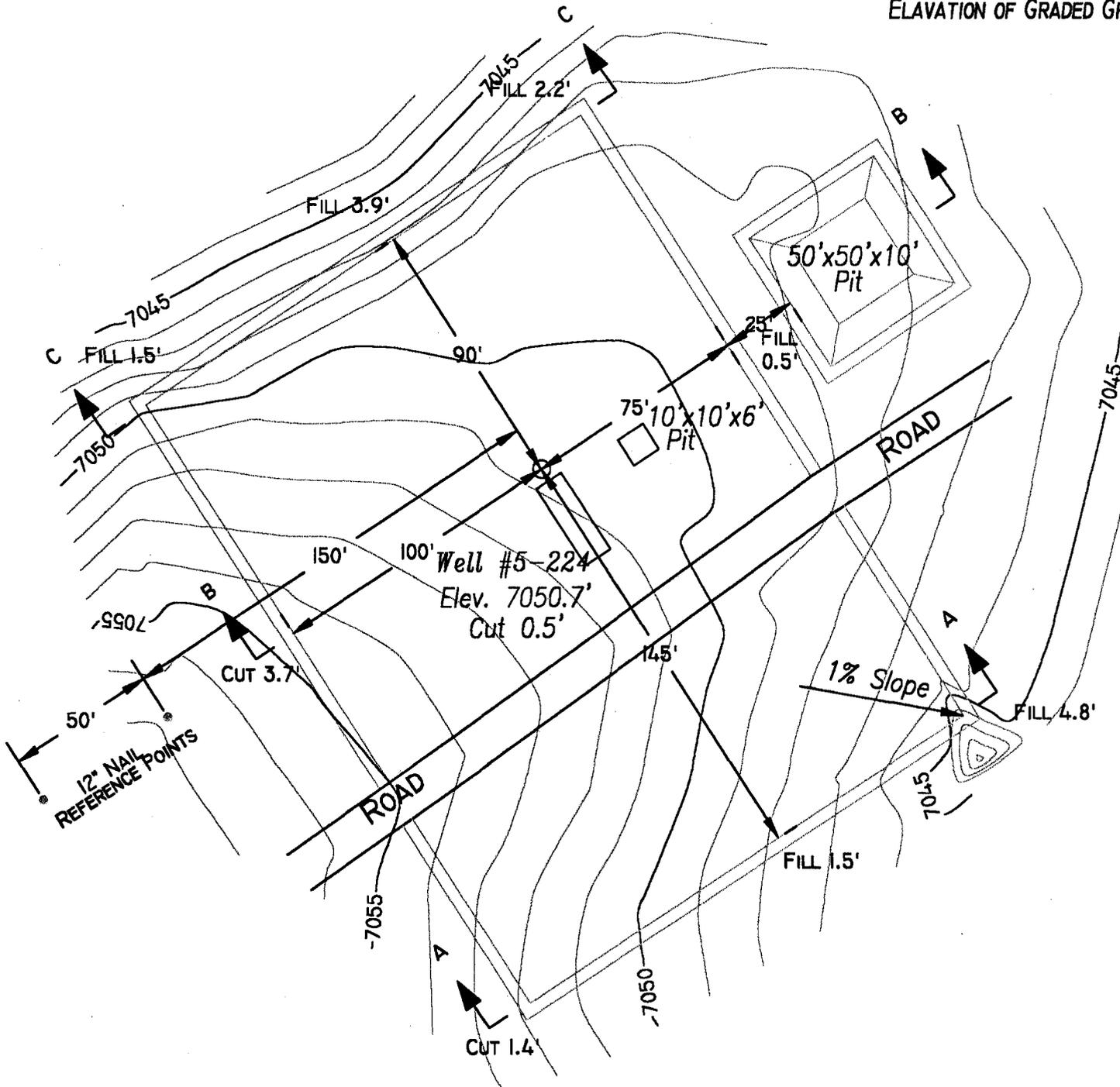
**14. Certification**

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  
Planning and Compliance Supervisor  
ConocoPhillips Company

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7050.7'  
 ELAVATION OF GRADED GROUND AT LOCATION STAKE = 7050.2'

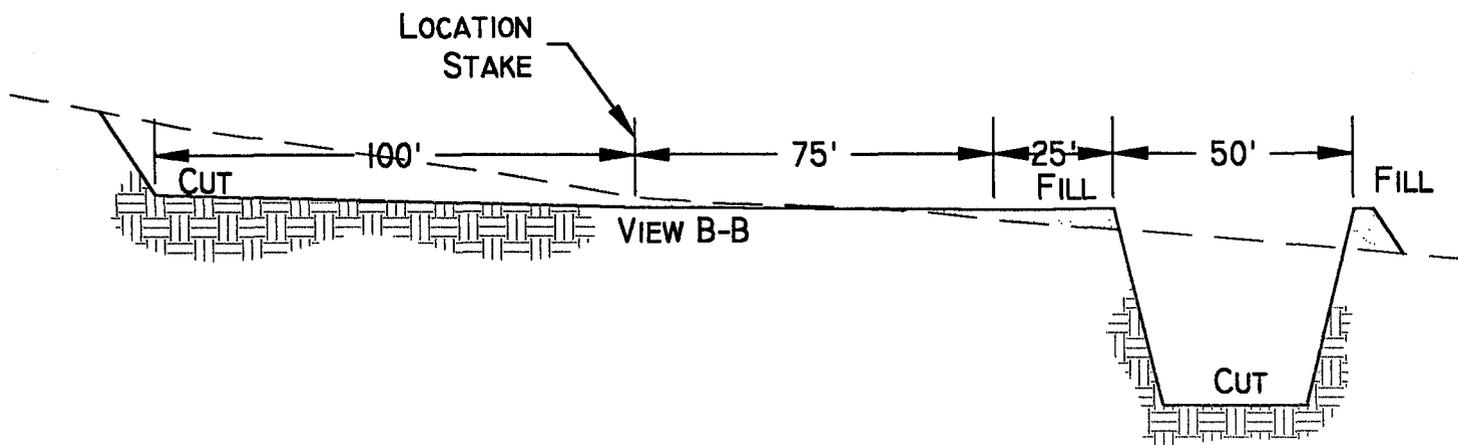
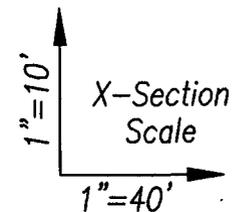
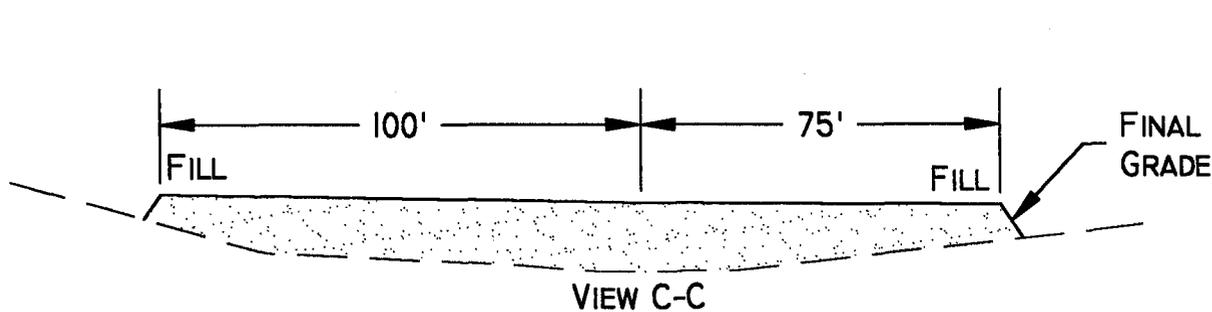


**TALON RESOURCES, INC.**  
 195 North 100 West P.O. Box 1280  
 Huntington, Utah 84528  
 Phone (435)687-5310 Fax (435)687-5311  
 E-Mail talon@ctv.net

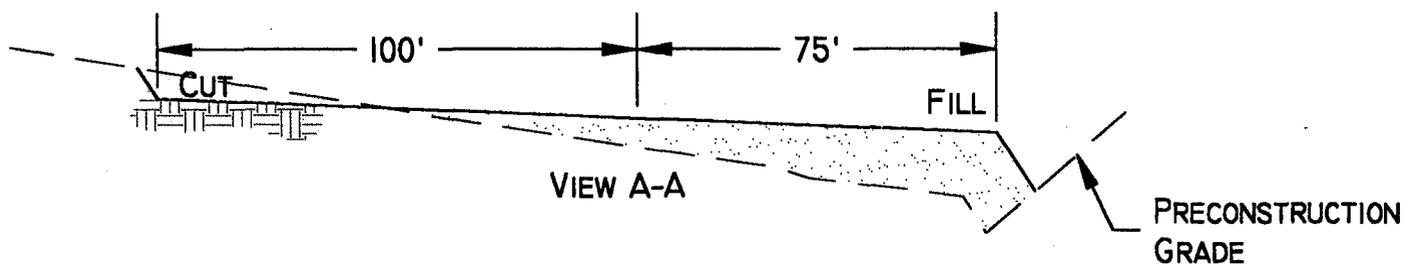
**ConocoPhillips Company**

**LOCATION LAYOUT**  
 Section 5, T15S, R9E, S.L.B.&M.  
 WELL #05-224

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. 1298



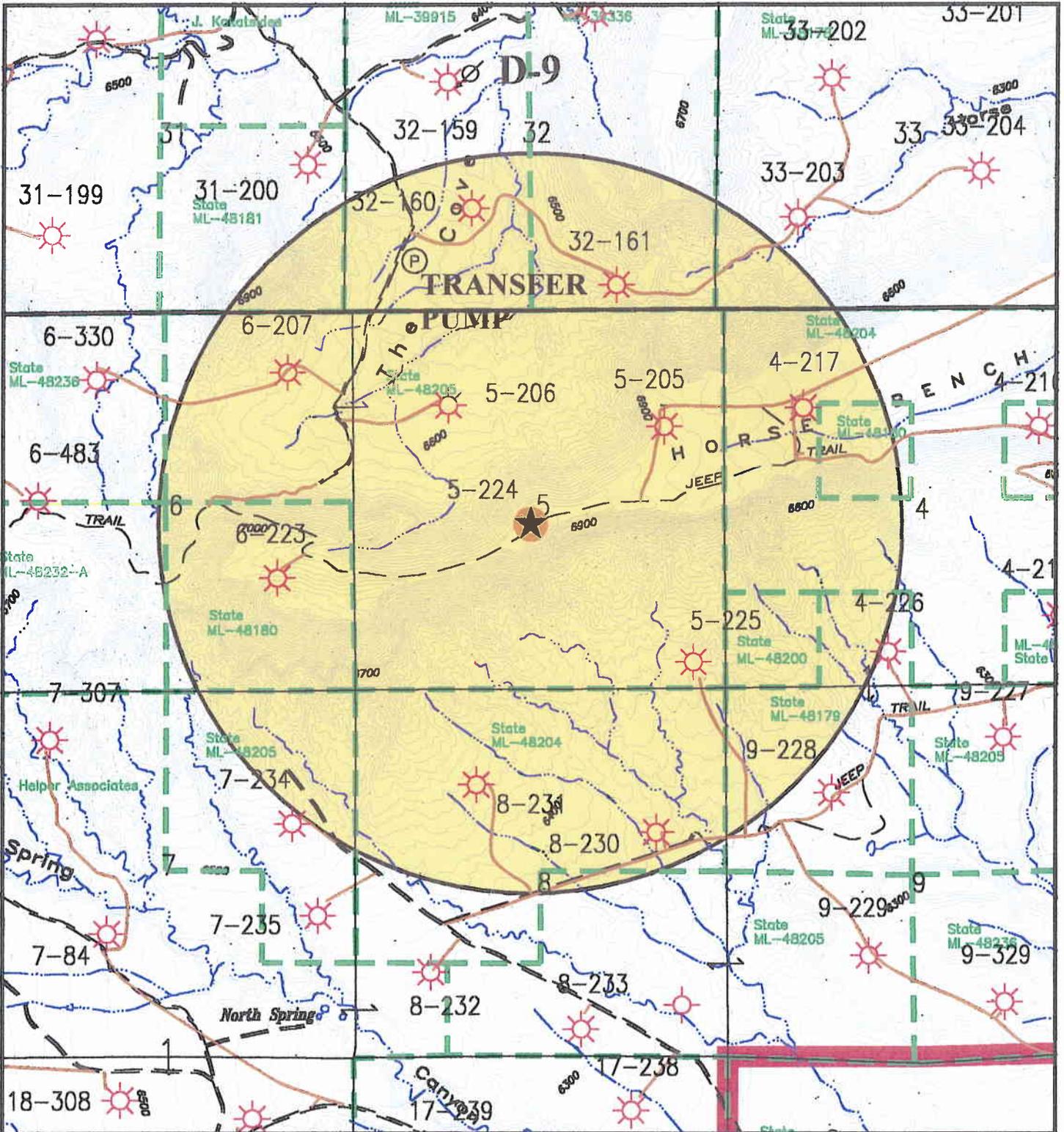
SLOPE = 1 1/2 : 1  
(EXCEPT PIT)  
PIT SLOPE = 1 ; 1



**TALON RESOURCES, INC**  
195 North 100 West P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talonsetv.net

<b>ConocoPhillips Company</b>	
TYPICAL CROSS SECTION Section 5, T15S, R9E, S.L.B.&M. WELL #05-224	
Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. C-1	Date: 03/08/04
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 1298

APPROXIMATE YARDAGES  
CUT  
(6") TOPSOIL STRIPPING = 750 CU. YDS.  
REMAINING LOCATION = 1,085 CU, YDS.  
TOTAL CUT = 1,690 CU. YDS.  
TOTAL FILL = 1,480 CU. YDS.



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



**WELL # 05-224**  
**Section 5, T15S, R9E, S.L.B.&M.**  
**Exhibit B 1 of 2**

APPROXIMATE LAYOUT OF RIG & EQUIPMENT

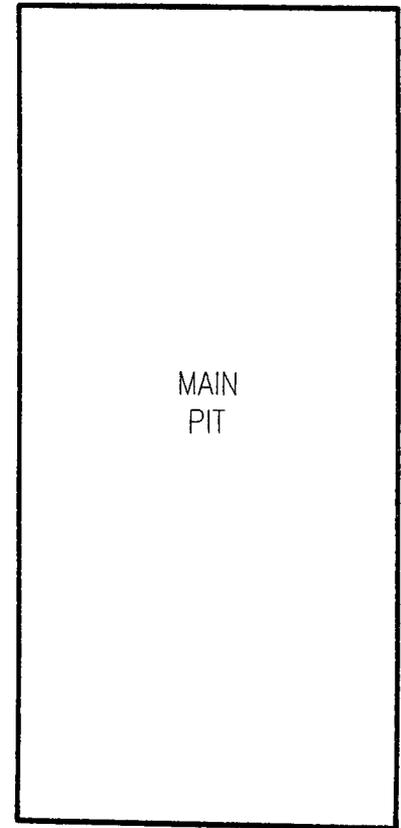
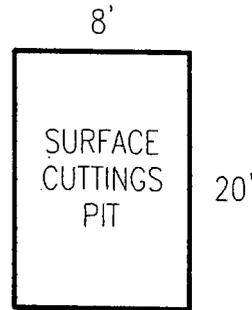
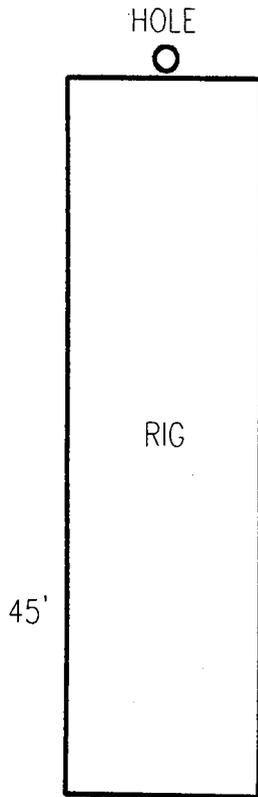
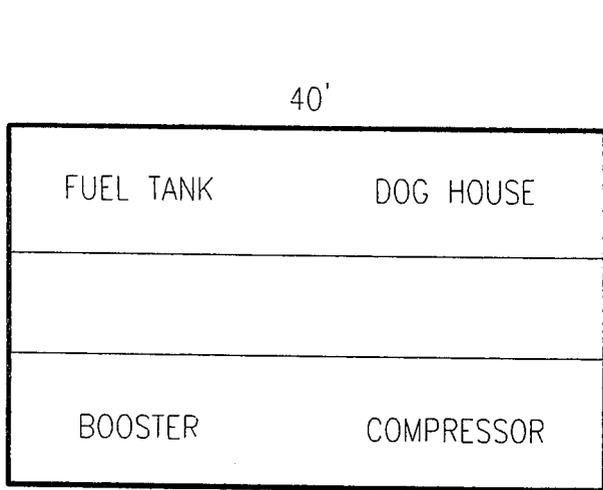
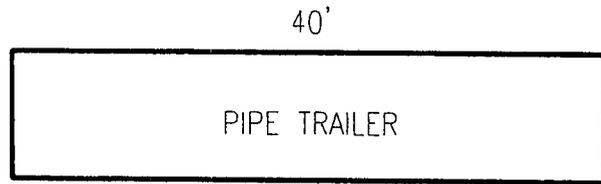
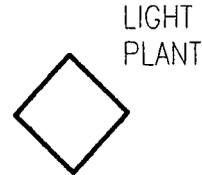
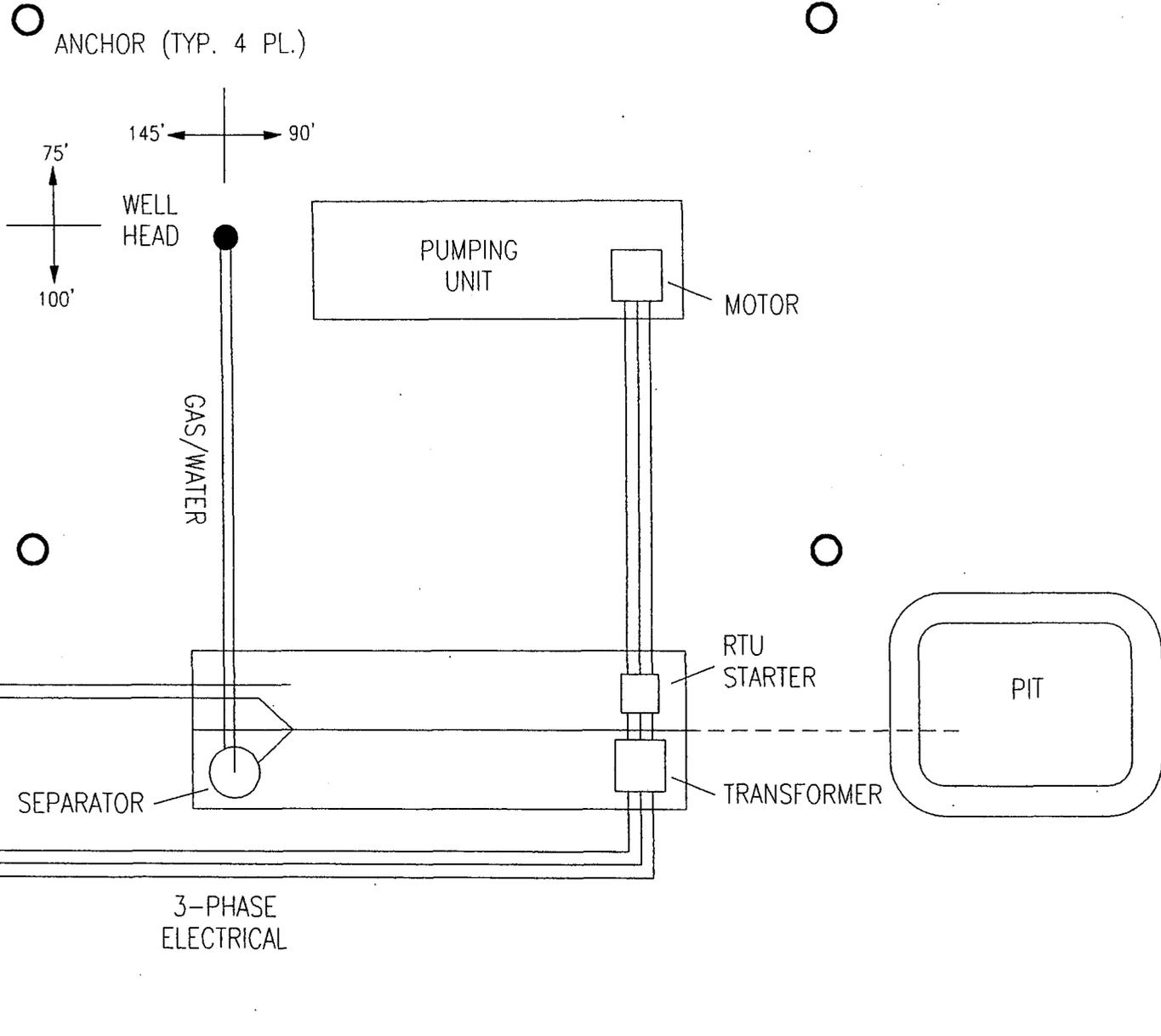


EXHIBIT E

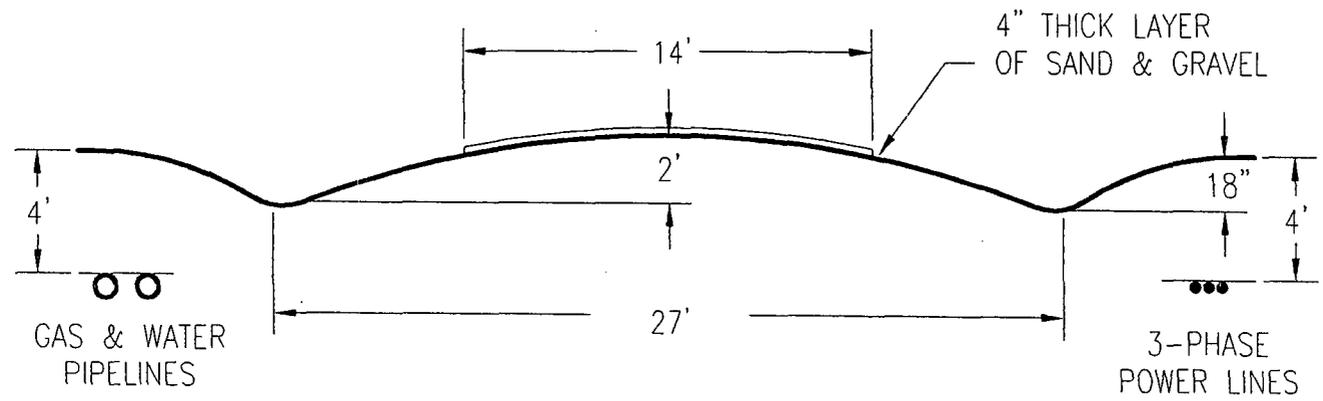
# CONOCOPHILLIPS

## WELL SITE LAYOUT (235' x 175')

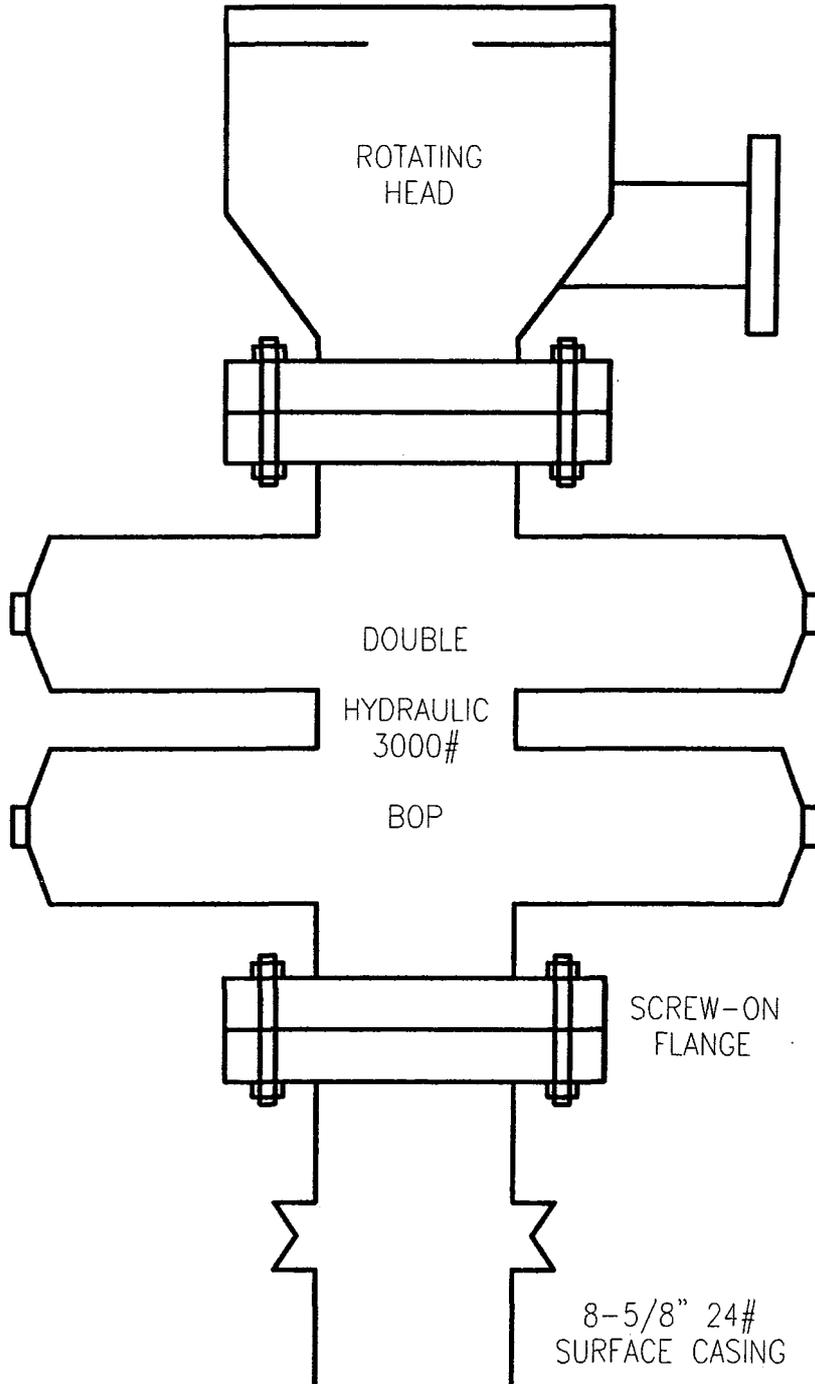


# TYPICAL ROAD CROSS-SECTION

EXHIBIT F



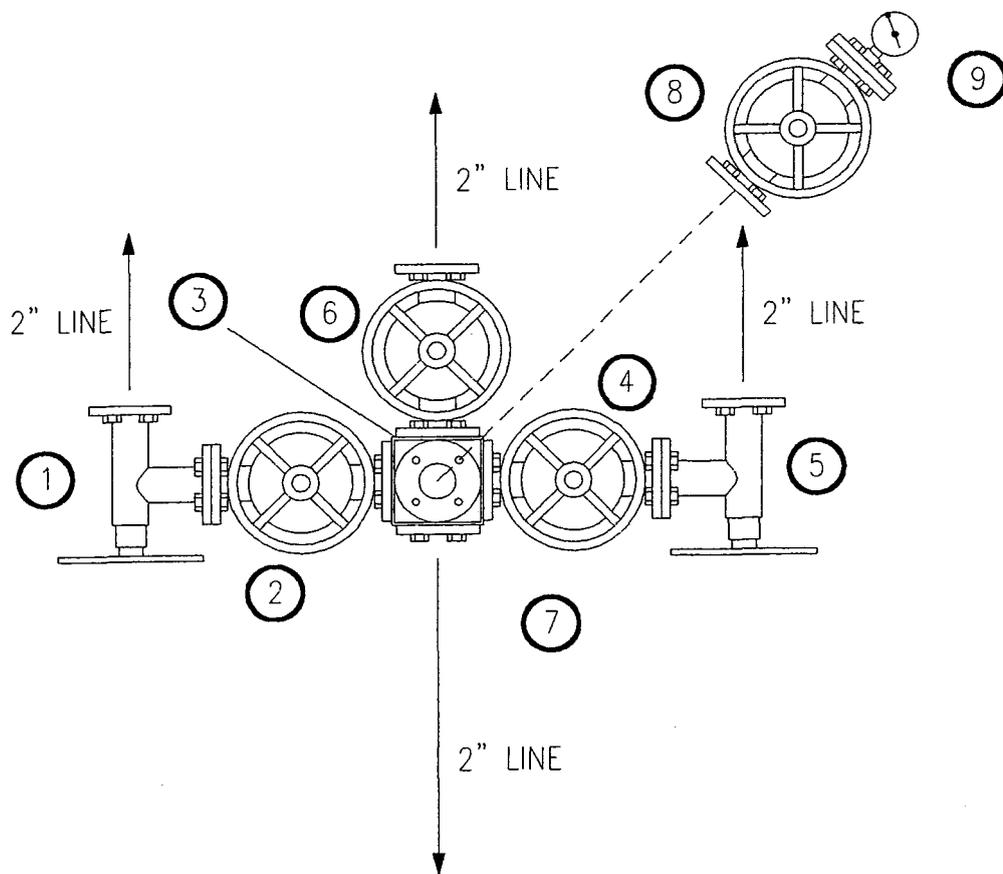
DIVERTER HEAD



- (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



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



## 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 (U04SC-133s)

Dear Kenny,

ConocoPhillips is proposing to construct a well pad in the NE/SW  $\frac{1}{4}$  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.

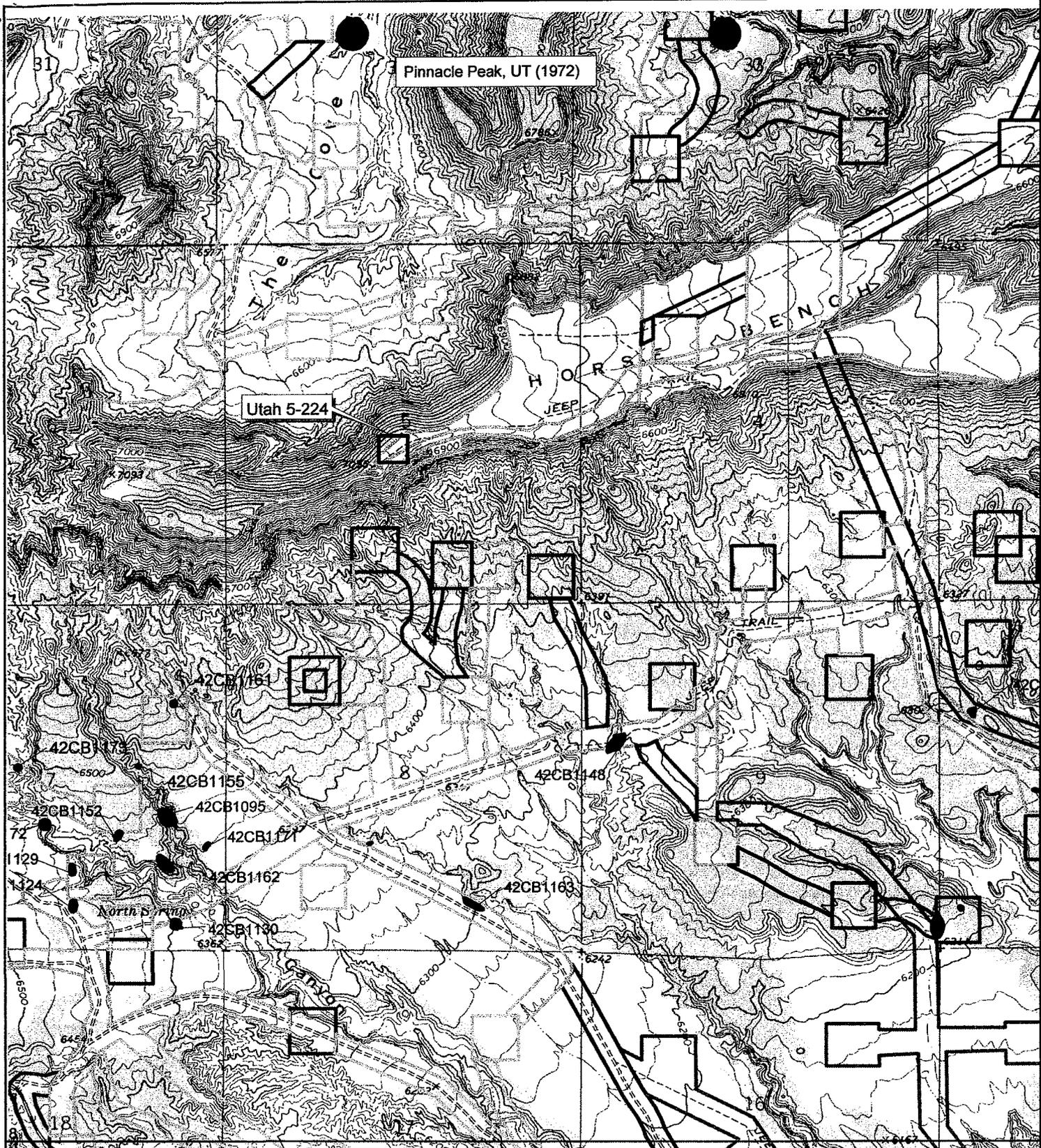
It is my recommendation that SITLA waive the requirement for a class III walkover inventory and provide archeological clearance for the parcel because of the extremely low potential for significant cultural resources.

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



Pinnacle Peak, UT (1972)

Utah 5-224

Current Survey

Previous Survey

Baseline Survey

Montgomery Survey

Sagebrush Survey

● Eligible Sites

● Ineligible Sites

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

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



SENCO-PHENIX



# 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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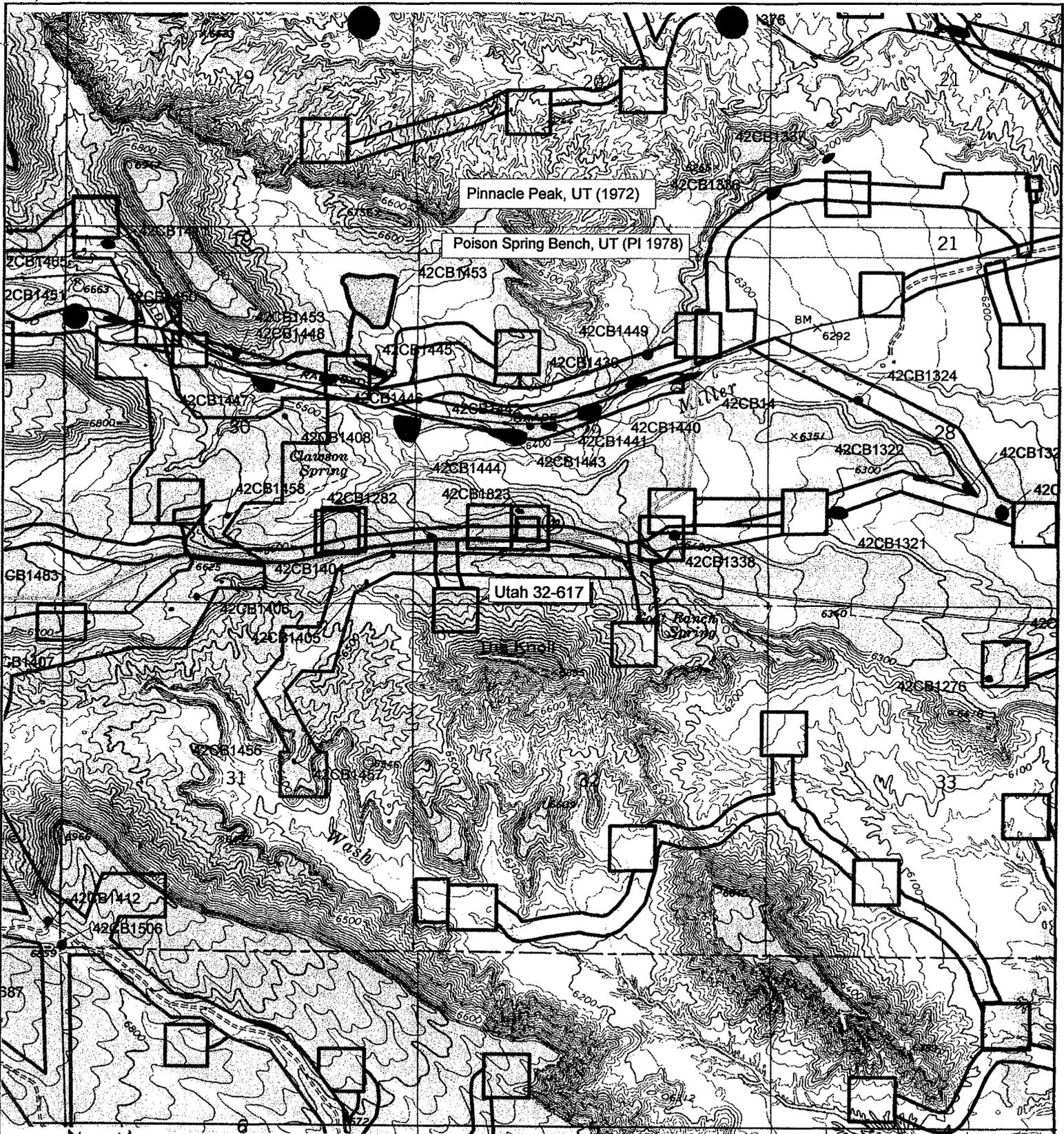
### Checklist of Required Items:

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.



**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 Archeological Consultants performed several archeological surveys for Anadarko in adjacent sections. No significant cultural resources were located in proximity to the current project.
- 2000, Montgomery Archeological 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.

**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.

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 5/3/2004 9:34:38 AM  
**Subject:** Well Clearance

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

The Houston Exploration Company  
Bonanza 4D-16

Citation Oil & Gas Corporation  
Walker Hollow Unit 83  
Walker Hollow Unit 85  
Walker Hollow Unit 87

QEP Uinta Basin Inc  
WH 13G-2-7-24

EOG Resources Inc  
Chapita Wells Unit 862-32

ConocoPhillips Company  
Utah 5-224

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: 43-007-30936

WELL NAME: UTAH 05-224

OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )

CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

PROPOSED LOCATION:

NESW 05 <sup>7</sup> 150S 090E  
SURFACE: 2356 FSL 2495 FWL  
BOTTOM: 2356 FSL 2495 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: ML48205 *ok*

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? YES

LATITUDE: 39.54880

LONGITUDE: 110.93830

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)

STIPULATIONS: ① STATEMENT OF BASIS

*stipulation*



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

**OPERATOR:** ConocoPhillips  
**WELL NAME & NUMBER:** Utah 05-224  
**API NUMBER:** 43-007-30936  
**LEASE:** State **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4, 1/4 NESW **Sec:** 5 **TWP:** 15S **RNG:** 9E 2357 FSL 2495 FWL  
**LEGAL WELL SITING:** General siting suspended.  
**GPS COORD (UTM):** X = 505379 E; Y = 4377485 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 ~5 miles southwest of Price, Utah. Staked location lies on top of Horse Bench in Carbon County Utah. Access to this well will be along existing ConocoPhillips gas field roads. No new access will be built for this well. The direct area drains to the southeast 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:** 12 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 and 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 / 1:00 pm  
DATE/TIME

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

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>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**      25      (Level I Sensitivity)

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

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

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

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

**OPERATOR:** ConocoPhillips  
**WELL NAME & NUMBER:** Utah 05-224  
**API NUMBER:** 43-007-30936  
**LOCATION:** 1/4,1/4 NESW Sec: 5 TWP: 15S RNG: 9E 2357 FSL 2495 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 moderately to very permeable soil developed on Quaternary/Tertiary Pediment Mantle that was deposited on the Upper part of the Blue Gate Member of the Mancos Shale. Emery Sandstones and Garley Canyon Sandstone Beds of the Emery Sandstone Member of the Mancos Shale may be present at this location. If the Garley Canyon Beds are present (probable) and wet (possible - standing water in upper Garley Canyon Beds ~4½ miles north in Pinnacle Canyon), both beds should be included within the proposed surface casing string. The operator is informed of the potential for wet Garley Canyon Beds and will respond to protect the zone by extending the surface casing string as needed to protect the beds. North Spring arises from the base of a ground water charged lobe of Pediment Mantle in the North Spring Canyon drainage about 1¼ mile south southwest of the location. One water right has been filed by SITLA for stockwater within a mile of the location. 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 ~5 miles southwest of Price, Utah. Staked location lies on top of Horse Bench in Carbon County Utah. Access to this well will be along existing ConocoPhillips gas field roads. No new access will be built for this well. The direct area drains to the southeast 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. Due to the extreme permeability of the soil, a minimum 12 mil., synthetic liner will be required lining the reserve pit. 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 Raptor Nesting and 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. Extend casing string as needed to protect a water resource in the Garley Canyon Beds, as above.



State Online Services

Agency List

Business.utah.gov

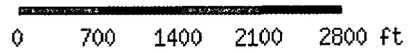
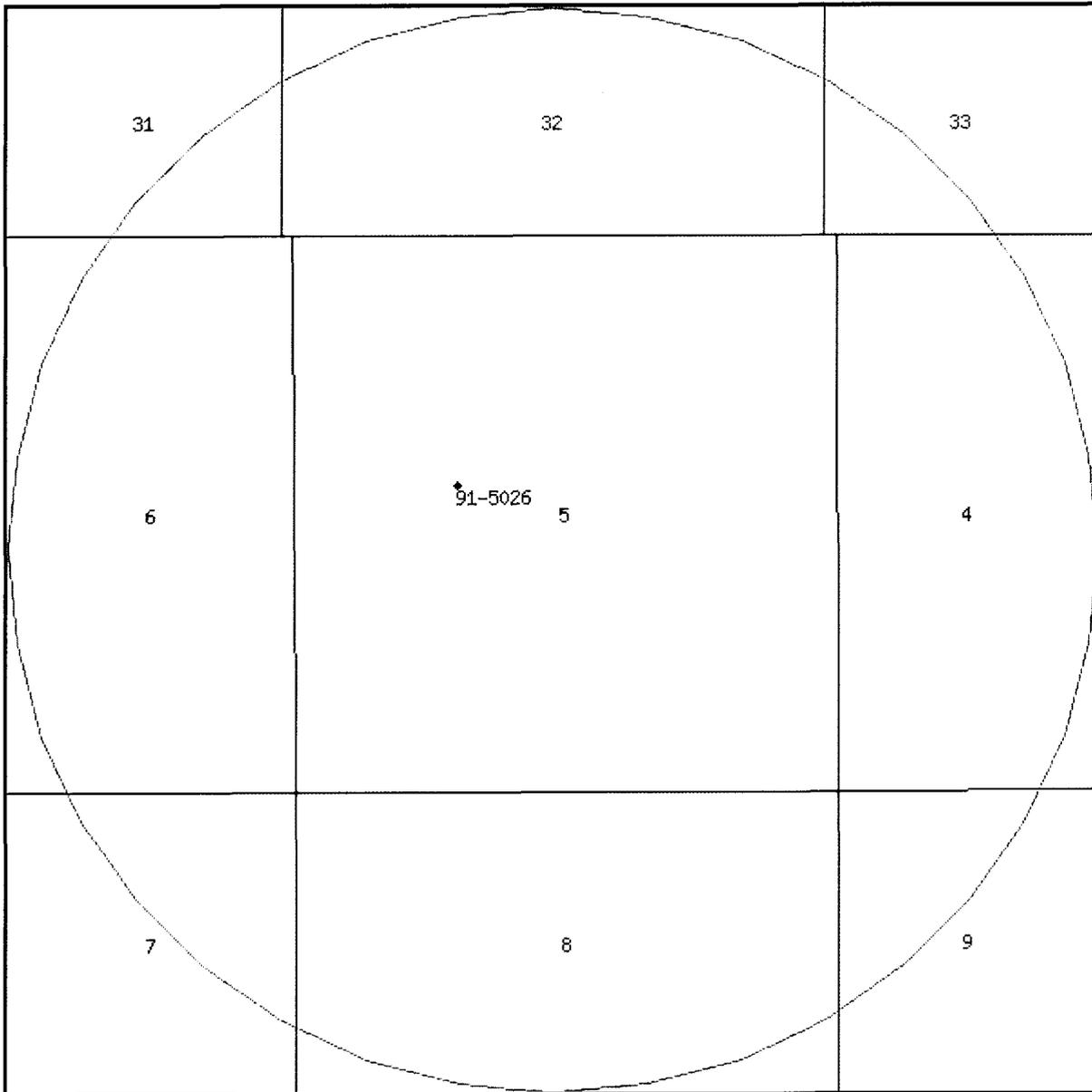
Search Utah.gov

# UTAH DIVISION OF WATER RIGHTS

## WRPLAT Program Output Listing

Version: 2004.03.26.00    Rundate: 04/09/2004 10:59 AM

Radius search of 5280 feet from a point N2356.8 E2495.3 from the SW corner, section 05, Township 15S, Range 9E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,D,Sp,P status=U,A,P usetypes=all

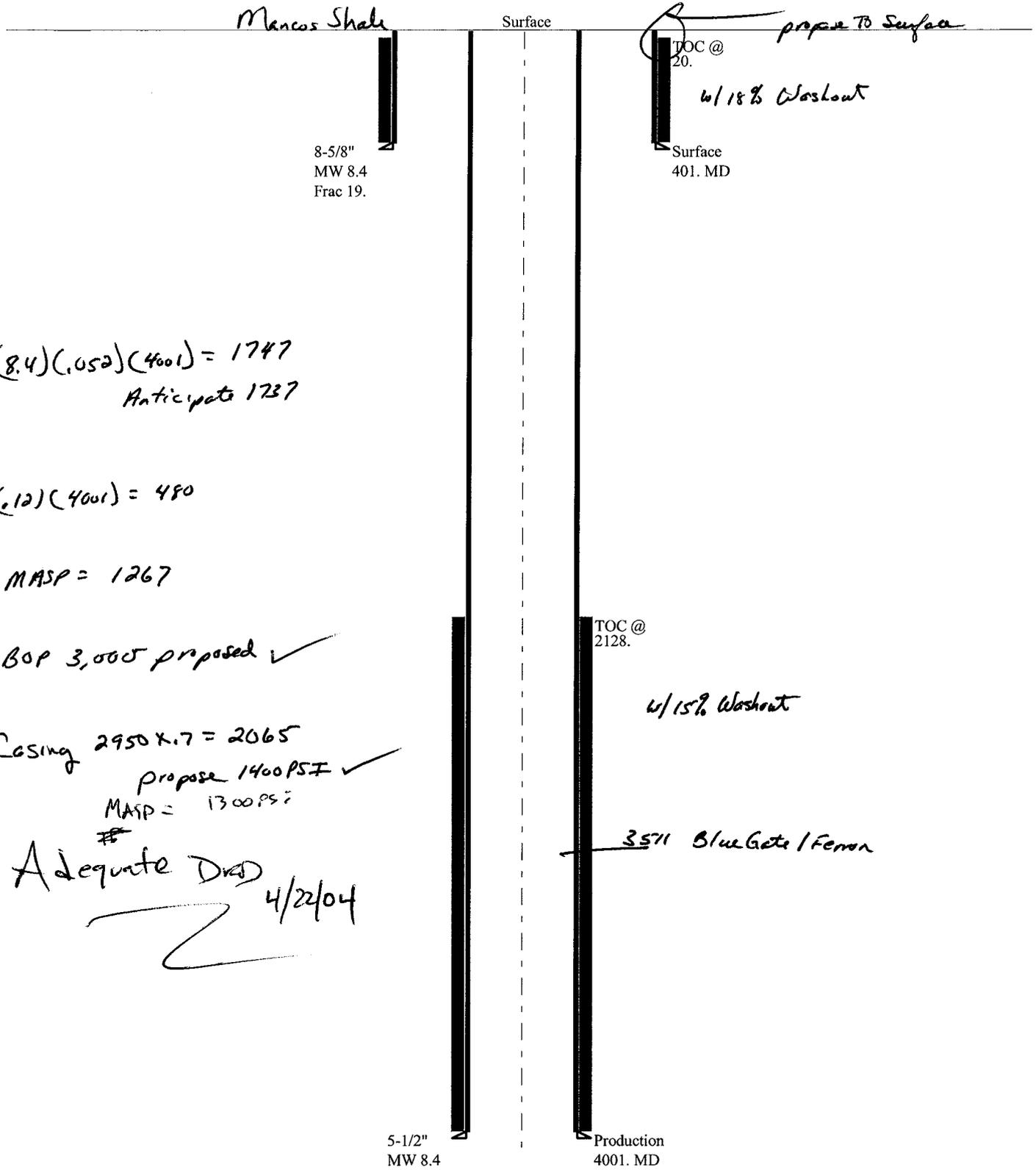


### Water Rights

<b>WR Number</b>	<b>Diversion Type/Location</b>	<b>Well Log</b>	<b>Status</b>	<b>Priority</b>	<b>Uses</b>	<b>CFS</b>	<b>ACFT</b>	<b>Owner Name</b>
<u>91-5026</u>	Surface  S2433 E1704 SW 32 14S 9E SL		A	19990820	S	0.000	3.800	Utah School and Instituti Lands Admin.  675 East 500 South, Suite

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

-04 ConocoPhillips Utah 05-224  
Casing Schematic



Mancos Shale

Surface

*proper to Surface*

8-5/8"  
MW 8.4  
Frac 19.

TOC @  
20.

*w/ 18% Washout*

Surface  
401. MD

$(8.4)(.052)(4001) = 1747$   
*Anticipate 1737*

$(.12)(4001) = 480$

$MASP = 1267$

*BOP 3,000 proposed ✓*

*Casing 2950 x .7 = 2065*  
*Propose 1400 PSI ✓*  
*MASP = 1300 PSI*

*Adequate DWD*  
*4/22/04*

TOC @  
2128.

*w/ 15% Washout*

*3571 Blue Gate / Fernon*

5-1/2"  
MW 8.4

Production  
4001. MD

Well name:	<b>04-04 ConocoPhillips Utah 05-224</b>		
Operator:	<b>ConocoPhillips Company</b>		Project ID:
String type:	Surface		43-007-30936
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: 71 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 3 ft  
 Cement top: 20 ft

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.436 psi/ft  
 Calculated BHP 175 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.

**Re subsequent strings:**

Next setting depth: 4,001 ft  
 Next mud weight: 8.400 ppg  
 Next setting BHP: 1,746 psi  
 Fracture mud wt: 19.000 ppg  
 Fracture depth: 401 ft  
 Injection pressure 396 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	401	8.625	24.00	J-55	ST&C	401	401	7.972	2627

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	175	1370	7.831	175	2950	16.86	10	244	25.36 J

Prepared by: Clinton Dworshak  
 Utah Div. of Oil & Mining

Phone: 801-538-5280  
 FAX: 801-359-3940

Date: April 21, 2004  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 401 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 & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>04-04 ConocoPhillips Utah 05-224</b>		
Operator:	<b>ConocoPhillips Company</b>		
String type:	Production	Project ID:	43-007-30936
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: 121 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 2,128 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 1,746 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: 3,491 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	4001	5.5	17.00	N-80	LT&C	4001	4001	4.767	28701

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	1746	6290	3.603	1746	7740	4.43	68	348	5.12 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: April 21, 2004  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 4001 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 & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



State of Utah

May 3, 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 05-224 Well, 2357' FSL, 2495' FWL, NE SW, Sec. 5, 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.

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 43-007-30936.

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 05-224  
API Number: 43-007-30936  
Lease: ML-48205

Location: NE SW                      Sec. 5                      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)

005

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48205
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: 2356.8' FSL, 2495.3' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 5 T15S R09 S		8. WELL NAME and NUMBER: Utah 05-224
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 4300730936
		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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <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 05-224 well was spud on 5/20/04, Pense Bros. Rig #9, Dry Drill.

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 02 2004

ENTITY ACTION FORM

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

Operator Account Number: N2235

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	
Comments: 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	
Comments: 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	
Comments: 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-48205
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 05-224
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		9. API NUMBER: 4300730936
PHONE NUMBER: (435) 613-9777		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2356.8' FSL, 2495.3' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 5 T15S R09 S		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"/> 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>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><i>Frankie Hathaway</i></u>	DATE <u>6/10/2004</u>

(This space for State use only)

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



**CONOCOPHILLIP SCO**

**Daily Drilling Report**

WELL NAME UTAH 05-224		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD	TVD	DFS	REPT NO. 1	DATE 5/21/2004
SUPERVISOR LLOYD SHIRLEY		RIG NAME & NO. PENSE BRS. DRILLING 9		FIELD NAME / OCS NO.		AUTH MD 4,011.0	DAILY TANG 0.00	CUM. TANG 0.00	
CURRENT STATUS WOC				ACCIDENTS LAST 24 HRS.?		DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00	
24 HR FORECAST TEST BOP, DRILL 7 7/8IN HOLE				DATE OF LAST SAFETY MEETING		DAILY TOTAL 35,439		CUM COST W/ MUD 35,439	
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF		AFE WAR.UIN.S286		AUTH. 589,728	
LAST SURVEY: DATE		TMD	INC	AZIM	LAST CASING 8.875 (in) @ 406.9 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST

**OPERATIONS SUMMARY**

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	15:00	9.00	WELLPR P		Woeq	MIRU	FILL FRAC TANKS
15:00	19:00	4.00	DRILL P		RURD	COND1	MOVE ON LOCATION AND RIG UP, PRE SPUD SAFETY MEETING, DISCUSSED GETTING UNDER SUSPENDED LOAD AND FALL PROTECTION,
19:00	21:00	2.00	DRILL P		DRLG	COND1	, SPUD @ 1900HRS 5/20/04, DRILL 15IN HAMMER TO 20FT, POOH AND P/UP 14 3/4IN TRICONE, RIH,MUD UP HOLE W/ EZ MUD, DRILL 94FT OF 14 3/IN HOLE,
21:00	00:30	3.50	CASING P		RNCS	COND1	SET 94FT OF 12 1/4IN CONDUCTOR PIPE, N/UP TO DRILL 11IN HOLE, PRETOUR SAFETY MEETING, DISCUSS SUSPENDED LOADS AND FALL PROTECTION,
00:30	03:45	3.25	DRILL P		DRLG	SURFAC	DRILL 417FT OF 11IN HOLE
03:45	04:00	0.25	DRILL P		TRIP	SURFAC	POOH
04:00	05:10	1.17	CASING P		RNCS	SURFAC	RIH W/ 8 5/8IN GUIDE SHOE + 13 JTS OF 85/8IN CSG, LAND @ 406.95FT
05:10	05:20	0.17	CEMENT		RURD	SURFAC	R/UP CEMENTERS SAFETY MEETING W/ CEMENTERS
05:20	06:00	0.67				SURFAC	CEMENT SURFACE CSG AS FOLLOWS, PUMP 35 BBLS OF FRESH WATER AHEAD, MIX & PUMP 190 SKS OF G, 2%CACL, .25#/SK FLOCELE @ 15.60 PPG, DISPLACE W/ 23 BBLS OF FRESH WATER,(2BBLS UNDER DISPLACEMENT), BBLS OF GOOD CEMENT TO SURFACE, CLOSE VALVE @ HRS 5/18/04, CEMENT HELD @ SURFACE, GOOD JOB,

**24 HR SUMMARY:** NO INCIDENTS, R/UP, SET CONDUCTOR, DRILL & SET SURFACE

**BITS**

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 /	15.000	IR	HAMMER			94.0	5/21/2004	0-0-----
1 / 1	15.000	IR	HAMMER			0.0	5/21/2004	0-0-----
2 /	14.750	USED	TRI CONE			20.0	5/21/2004	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	/	/					20.0			20.0	
2 /	/	/					74.0			74.0	

**PERSONNEL DATA**

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
CONOCOPHILLIPS CO	SUPERVISOR	2	36.00	HALLIBURTON	CEMENT CREW		
	RIG CREW	9	120.00		WATER HAULERS	2	10.00
	TRUCK DRIVERS/ RIG	5	20.00				

**CONOCOPHILLIP SCO**  
**Daily Drilling Report**

WELL NAME	JOB NUMBER	EVENT CODE	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
UTAH 05-224	1	DRL					1	5/21/2004

**REQUIREMENTS**

NO INCIDENTS  
2JSA'S

**COMMENTS**

NO INCIDENTS,  
2 JSA'S

CONOCOPHILLIP SCO

**Casing Report**

Legal Well Name: UTAH 05-224  
 Common Well Name: UTAH 05-224  
 Event Name: DRILLING

Report #: 1  
 Start: 5/17/2004

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

**General Information**

String Type: SURFACE CASING	Permanent Datum: GROUND LEVEL	Hole Size:	Hole TMD: 415.0 (ft)
Hole TVD: (ft)	KB-Datum: 7,051.00 (ft)	Water TMD: (ft)	Str Wt on Slips: (lb)
Ground Level: 7,051.00 (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	Model:	Top Hub/Flange: (in) / (psi)
Hanger Model:	Packoff Model:	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		N						

**Non-Integral Casing Accessories**

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

CONOCOPHILLIP SCO

**Drillers Running Tally Report**

Legal Well Name: UTAH 05-224      Spud Date:  
 Common Well Name: UTAH 05-224      Report #: 1      Report Date: 5/21/2004  
 Event Name: DRILLING      Start: 5/17/2004      End:

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

**Pipe Data Section**

Joints	Size (in)	Manufacturer	Weight (lb/ft)	Threads	Grade	Range	Thrd. Correction (ft)	Displacement (bbl/ft)
0 - 0	8.625	HLBTN	24.00	ST&C	J-55			
0 - 0	8.625	NEWPORT	24.00	ST&C	J-55	2		

**Pipe Information**

Run #	Jnt #	Description	Jnt Length (ft)	Cum. Lgth. (ft)	Set TMD (ft)	Ct	Pipe Disp. (bbl)	Comments
1		GUIDE SHOE	1.18	1.18	0.00		0.00	
2		CASING JOINT(S)	28.70	29.88	-1.18		0.00	
3		CASING JOINT(S)	29.20	59.08	-29.88		0.00	
4		CASING JOINT(S)	30.65	89.73	-59.08		0.00	
5		CASING JOINT(S)	29.30	119.03	-89.73		0.00	
6		CASING JOINT(S)	33.00	152.03	-119.03		0.00	
7		CASING JOINT(S)	32.10	184.13	-152.03		0.00	
8		CASING JOINT(S)	33.30	217.43	-184.13		0.00	
9		CASING JOINT(S)	30.65	248.08	-217.43		0.00	
10		CASING JOINT(S)	33.00	281.08	-248.08		0.00	
11		CASING JOINT(S)	31.25	312.33	-281.08		0.00	
12		CASING JOINT(S)	32.20	344.53	-312.33		0.00	
13		CASING JOINT(S)	30.90	375.43	-344.53		0.00	
14		CASING JOINT(S)	32.70	408.13	-375.43		0.00	
15				408.13	-408.13			

CONOCOPHILLIP SCO

**Final Pipe Tally Report**

Legal Well Name: UTAH 05-224      Spud Date:  
 Common Well Name: UTAH 05-224      Report #: 1      Report Date: 5/21/2004  
 Event Name: DRILLING      Start: 5/17/2004      End:

Date Run: 5/21/2004      Proposed Setting TMD: (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)
0 - 0	8.625	HLBTN	24.00	ST&C	J-55			
0 - 0	8.625	NEWPORT	24.00	ST&C	J-55	2		

**Pipe Information**

Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct	Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct
1		GUIDE SHOE	1.18	1.18		9		CASING JOINT(S)	30.65	248.08	
2		CASING JOINT(S)	28.70	29.88		10		CASING JOINT(S)	33.00	281.08	
3		CASING JOINT(S)	29.20	59.08		11		CASING JOINT(S)	31.25	312.33	
4		CASING JOINT(S)	30.65	89.73		12		CASING JOINT(S)	32.20	344.53	
5		CASING JOINT(S)	29.30	119.03		13		CASING JOINT(S)	30.90	375.43	
6		CASING JOINT(S)	33.00	152.03		14		CASING JOINT(S)	32.70	408.13	
7		CASING JOINT(S)	32.10	184.13		15				408.13	
8		CASING JOINT(S)	33.30	217.43							



## CONOCOPHILLIP SCO

### Daily Drilling Report

WELL NAME UTAH 05-224		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD	TVD	DFS 1.00	REPT NO. 2	DATE 5/22/2004
SUPERVISOR LLOYD SHIRLEY		RIG NAME & NO. PENSE BRS. DRILLING 9		FIELD NAME / OCS NO.		AUTH MD 4,011.0	DAILY TANG 0.00	CUM. TANG 0.00	
CURRENT STATUS DRILLING 7 7/8IN HOLE @ 2605FT				ACCIDENTS LAST 24 HRS.? NONE RPTD		DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00	
24 HR FORECAST DRILL 7 7/8IN HOLE TO 4000FT, POOH				DATE OF LAST SAFETY MEETING 5/22/2004		DAILY TOTAL 33,432		CUM COST W/ MUD 68,870	
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF		AFE WAR.UIN.S286		AUTH. 589,728	
LAST SURVEY: DATE		TMD	INC	AZIM	LAST CASING 8.875 (in) @ 406.9 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/21/2004

#### OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	06:30	0.50	CEMENT	P	CIRC	SURFAC	FINISH CEMENTING SURFACE PIPE, CLOSE VALVE @ 0630 05/22/04, 9 BBLs CEMENT TO SURFACE, SHUT IN WELL,
06:30	11:30	5.00	TREBOP	P	WOC	INTRM1	WOC
11:30	14:30	3.00	TREBOP	P	SFEQ	INTRM1	BREAK LOOSE, N/UP BOP AND MANIFOLD
14:30	16:00	1.50	TREBOP	P	SFEQ	INTRM1	TEST BLIND RAMS, KILLLINE, CHOKE LINE & MANIFOLD 250PSI LOW, 2000PSI HIGH 10 MINUTES, PIPE RAMS 250PSI LOW, 2000 PSI, 10 MINUTES, CASING 400PSI, 30 MINUTES
16:00	17:00	1.00	DRILL	P	DRLG	INTRM1	RIH W/ 7 7/8IN HAMMER, DRILL OUT CEMENT,
17:00	00:00	7.00	DRILL	P	DRLG	INTRM1	DRILL 7 7/8IN HOLE TO 1525FT,
00:00	03:00	3.00	DRILL	P	DRLG	INTRM1	DRILL 1525-2065FT
03:00	06:00	3.00	DRILL	P	DRLG	INTRM1	DRILL 2065-2605FT

**24 HR SUMMARY:** NO INCIDENTS, TEST BOP DRILL 7 7/8IN HOLE TO 2605FT

#### BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 /	15.000	IR	HAMMER			94.0	5/21/2004	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
CONOCOPHILLIPS CO	SUPERVISOR	2	36.00		WATER HAULERS	2	10.00
	RIG CREW	9	120.00		BOP TESTERS	1	2.00
HALLIBURTON	CEMENT CREW	4	4.00				

#### REQUIREMENTS

NO INCIDENTS  
3JSA'S

#### COMMENTS

NO INCIDENTS,  
2 JSA'S



## CONOCOPHILLIP SCO

### Daily Drilling Report

WELL NAME UTAH 05-224		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD	TVD	DFS 2.00	REPT NO. 3	DATE 5/23/2004
SUPERVISOR LLOYD SHIRLEY		RIG NAME & NO. PENSE BRS. DRILLING 9		FIELD NAME / OCS NO.		AUTH MD 4,011.0	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 DRILL 7 7/8IN HOLE TO 4000FT, POOH				DATE OF LAST SAFETY MEETING 5/23/2004		DAILY TOTAL 22,370		CUM COST W/ MUD 91,240	
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF		AFE WAR.UIN.S286		AUTH. 589,728	
LAST SURVEY: DATE		TMD	INC	AZIM	LAST CASING 8.875 (in) @ 406.9 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/21/2004

#### OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	08:00	2.00	DRILL P		DRLG	INTRM1	DRILL 2605-2935FT
08:00	10:30	2.50	DRILL P		DRLG	INTRM1	DRILL 2935-3215FT
10:30	11:00	0.50	DRILL P		TRIP	INTRM1	CLEAN HOLE
11:00	13:00	2.00	DRILL P		TRIP	INTRM1	POOH FOR TRI CONE, PRE TOUR SAFETY MTG,(DISCUSS TRIPPING PIPE)
13:00	16:00	3.00	DRILL P		TRIP	INTRM1	RIH W/ 7 7/8IN TRICONE, STABILIZER, 4 6IN COLLARS(TOTAL BHA 150FT) AND DRILL PIPE, TAG @ 3175, DRILL OUT FILL
16:00	18:00	2.00	DRILL P		DRLG	INTRM1	DRILL 7 7/8IN HOLE TO 3450FT
18:00	20:00	2.00	DRILL P		DRLG	INTRM1	DRILL 3450-3600FT
20:00	01:45	5.75	DRILL P		DRLG	INTRM1	DRILL 3600- 3960FT TD @ 0145 5/22/04
01:45	02:30	0.75	DRILL P		CIRC	INTRM1	CLEAN HOLE
02:30	04:00	1.50	DRILL P		TRIP	INTRM1	SHORT TRIP
04:00	05:00	1.00	DRILL P		TRIP	INTRM1	POOH
05:00	06:00	1.00	DRILL P		TRIP	INTRM1	PUMP 100BBLs OF 2% KCL DOWN HOLE

**24 HR SUMMARY:** NO INCIDENTS, DRILL WITH HAMMER TO 3215FT, POOH RUN TRICONE, DRILL TO TD @ 3960FT, SHORT TRIP, POOH,

#### BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 /	15.000	IR	HAMMER			94.0	5/21/2004	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
CONOCOPHILLIPS CO	SUPERVISOR	2	36.00		WATER HAULERS	2	12.00
	RIG CREW	9	120.00				

#### REQUIREMENTS

NO INCIDENTS  
3JSA'S

#### COMMENTS

NO INCIDENTS,  
2 JSA'S



### CONOCOPHILLIP SCO

### Daily Drilling Report

WELL NAME UTAH 05-224		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG 3,960.0	TMD 3,960.0	TVD 3,960.0	DFS 3.00	REPT NO. 4	DATE 5/24/2004
SUPERVISOR LLOYD SHIRLEY		RIG NAME & NO. PENSE BRS. DRILLING 9		FIELD NAME / OCS NO.		AUTH MD 4,011.0	DAILY TANG 0.00	CUM. TANG 0.00	
CURRENT STATUS MOVE WORKOVER ON TO RUN CSG				ACCIDENTS LAST 24 HRS.? NONE RPTD		DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00	
24 HR FORECAST RUN PRODUCTION CSG & CEMENT				DATE OF LAST SAFETY MEETING 5/23/2004		DAILY TOTAL 6,295		CUM COST W/ MUD 97,535	
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF		AFE WAR.UIN.S286		AUTH. 589,728	
LAST SURVEY: DATE		TMD	INC	AZIM	LAST CASING 8.875 (in) @ 406.9 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/21/2004

#### OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	09:00	3.00	DRILL P		TRIP	INTRM1	FINISH POOH,
09:00	12:30	3.50	EVALFM P		ELOG	INTRM1	SAFETY MTG WITH LOGGERS, GO OVER JSA R/UP LOGGERS,(NEUTRON, DENSITY, GAMMA RAY, WITH CALIPER), RIH, TAG BOTTOM @ 3966FT, LOG UP TO TOP OF FERRON, RUN BACK TO BOTTOM, TAG @ 3960FT, PULL HIGH RESOLUTION TO TOP OF FERRON, LOG UP TO TOP OF FLUID @ 2100FT, POOH, RIG DOWN LOGGERS, RELEASE RIG @ 1230HRS 5/23/04
12:30	15:00	2.50	MOVE P		DMOB	INTRM1	R/DOWN AND MOVE TO 438 LOCATION,

24 HR SUMMARY: POOH, LOG WELL, RIG DOWN, MOVE TO 438 WELL

#### BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 /	15.000	IR	HAMMER			94.0	5/21/2004	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
CONOCOPHILLIPS CO	SUPERVISOR	2	36.00		RIG MOVERS	5	20.00
	RIG CREW	9	120.00		LOGGERS	2	10.00
	WATER HAULERS	2	12.00				

#### REQUIREMENTS

NO INCIDENTS  
1 JSA

#### COMMENTS

NO INCIDENTS,  
2 JSA'S

CONOCOPHILLIP SCO

**Cementing Report**

Legal Well Name: UTAH 05-224      Report #: 1      Spud Date:  
 Common Well Name: UTAH 05-224      Start: 5/17/2004      Report Date: 5/25/2004  
 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: 3,929.00 (ft)	SQ TMD: (ft)	TMD Set:	Top Set: (ft)
Date Set: 5/24/2004	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: OPEN HOLE	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:

Cement Co: HALLIBURTON      Cementer: ZAC      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: CEMENT STAGE 1	Start Mix Cmt: :	Disp Avg Rate: (bbl/min)	Returns:
Volume Excess %: 30.00	Start Slurry Displ: :	Disp Max Rate: (bbl/min)	Total Mud Lost: (bbl)
Meas. From:	Start Displ: :	Bump Plug:	Cmt Vol to Surf: (bbl)
Time Circ Prior	End Pumping: :	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:

**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)

CONOCOPHILLIP SCO

**Cementing Report**

Legal Well Name: UTAH 05-224	Report #: 1	Spud Date:
Common Well Name: UTAH 05-224	Start: 5/17/2004	Report Date: 5/25/2004
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)      Tool: Neg Test: (ppge)      Tool: Hrs Before Test: Cement Found on 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:

CONOCOPHILLIP SCO

Offload Pipe Tally Report

Legal Well Name: UTAH 05-224  
 Common Well Name: UTAH 05-224  
 Event Name: DRILLING

Report #: 2  
 Start: 5/17/2004

Spud Date:  
 Report Date: 5/24/2004  
 End:

Tallied By: POOL RIG CREW

Total Length: 3,967.51 (ft)

Tally Temp: (°F)

Threads: OFF

Joint #	Length (ft)		Out	Joint #	Length (ft)		Out	Joint #	Length (ft)		Out	Joint #	Length (ft)		Out
	Joint	Cumulative			Joint	Cumulative			Joint	Cumulative			Joint	Cumulative	
1	43.05	43.05	N	31	43.15	1,300.21	N	61	42.70	2,590.67	N	91	43.12	3,881.39	N
2	42.90	85.95	N	32	42.05	1,342.26	N	62	42.67	2,633.34	N	92	43.00	3,924.39	N
3	42.55	128.50	N	33	43.31	1,385.57	N	63	42.80	2,676.14	N	93	43.12	3,967.51	N
4	42.91	171.41	N	34	42.45	1,428.02	N	64	43.12	2,719.26	N	94		3,967.51	N
5	41.90	213.31	N	35	43.16	1,471.18	N	65	43.00	2,762.26	N				
6	40.00	253.31	N	36	42.65	1,513.83	N	66	42.70	2,804.96	N				
7	42.87	296.18	N	37	42.65	1,556.48	N	67	43.48	2,848.44	N				
8	41.00	337.18	N	38	43.10	1,599.58	N	68	43.15	2,891.59	N				
9	43.12	380.30	N	39	43.54	1,643.12	N	69	43.20	2,934.79	N				
10	43.05	423.35	N	40	43.13	1,686.25	N	70	43.12	2,977.91	N				
Total: 423.35				Total: 429.19				Total: 429.94				Total: 129.24			
Joint #	Length (ft)		Out	Joint #	Length (ft)		Out	Joint #	Length (ft)		Out	Joint #	Length (ft)		Out
	Joint	Cumulative			Joint	Cumulative			Joint	Cumulative			Joint	Cumulative	
11	42.75	466.10	N	41	43.10	1,729.35	N	71	42.88	3,020.79	N				
12	42.73	508.83	N	42	43.10	1,772.45	N	72	43.14	3,063.93	N				
13	42.54	551.37	N	43	43.18	1,815.63	N	73	43.12	3,107.05	N				
14	14.08	565.45	N	44	43.18	1,858.81	N	74	43.40	3,150.45	N				
15	42.60	608.05	N	45	43.00	1,901.81	N	75	43.09	3,193.54	N				
16	43.48	651.53	N	46	43.10	1,944.91	N	76	43.03	3,236.57	N				
17	42.73	694.26	N	47	43.12	1,988.03	N	77	43.02	3,279.59	N				
18	43.68	737.94	N	48	43.22	2,031.25	N	78	43.12	3,322.71	N				
19	43.60	781.54	N	49	43.10	2,074.35	N	79	43.15	3,365.86	N				
20	43.12	824.66	N	50	43.20	2,117.55	N	80	42.90	3,408.76	N				
Total: 401.31				Total: 431.30				Total: 430.85							
Joint #	Length (ft)		Out	Joint #	Length (ft)		Out	Joint #	Length (ft)		Out	Tally Summary			
	Joint	Cumulative			Joint	Cumulative			Joint	Cumulative		Joint	Cumulative	Out	Page Total
21	43.15	867.81	N	51	43.10	2,160.65	N	81	42.64	3,451.40	N	3,967.51			
22	43.15	910.96	N	52	43.10	2,203.75	N	82	42.90	3,494.30	N	Number Joints In			
23	43.17	954.13	N	53	42.55	2,246.30	N	83	43.15	3,537.45	N	94			
24	43.07	997.20	N	54	43.33	2,289.63	N	84	43.45	3,580.90	N	Number Joints Out			
25	43.48	1,040.68	N	55	42.74	2,332.37	N	85	43.20	3,624.10	N	0			
26	43.47	1,084.15	N	56	43.08	2,375.45	N	86	41.63	3,665.73	N				
27	43.04	1,127.19	N	57	43.18	2,418.63	N	87	43.21	3,708.94	N				
28	43.58	1,170.77	N	58	43.04	2,461.67	N	88	43.30	3,752.24	N				
29	43.05	1,213.82	N	59	43.10	2,504.77	N	89	42.98	3,795.22	N				
30	43.24	1,257.06	N	60	43.20	2,547.97	N	90	43.05	3,838.27	N				
Total: 432.40				Total: 430.42				Total: 429.51							

CONOCOPHILLIP SCO

**Offload Pipe Tally Report**

Legal Well Name: UTAH 05-224  
 Common Well Name: UTAH 05-224  
 Event Name: DRILLING

Report #: 2  
 Start: 5/17/2004

Spud Date:  
 Report Date: 5/24/2004  
 End:

**Pipe Data Section**

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

CONOCOPHILLIP SCO

Final Pipe Tally Report

Legal Well Name: UTAH 05-224 Spud Date:  
 Common Well Name: UTAH 05-224 Report #: 3 Report Date: 5/24/2004  
 Event Name: DRILLING Start: 5/17/2004 End:

Date Run: 5/24/2004 Proposed Setting TMD: (ft)  
 Buoyancy Factor: Block Weight: (lb)

Pipe Data Section

Joints	Size (in)	Manufacturer	Weight (lb/ft)	Threads	Grade	Range	Thrd. Correction (ft)	Displacement (bbl/ft)
1 - 93	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			
13 - 13	5.500	NEWPORT	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	1.27	1.27		37	35	CASING JOINT(S)	43.16	1,474.65	
2	1	CASING JOINT(S)	43.05	44.32		38	36	CASING JOINT(S)	42.65	1,517.30	
3	2	CASING JOINT(S)	42.90	87.22		39	37	CASING JOINT(S)	42.65	1,559.95	
4	3	CASING JOINT(S)	42.55	129.77		40	38	CASING JOINT(S)	43.10	1,603.05	
5	4	CASING JOINT(S)	42.91	172.68		41	39	CASING JOINT(S)	43.54	1,646.59	
6	5	CASING JOINT(S)	41.90	214.58		42	40	CASING JOINT(S)	43.13	1,689.72	
7	6	CASING JOINT(S)	40.00	254.58		43	41	CASING JOINT(S)	43.10	1,732.82	
8	7	CASING JOINT(S)	42.87	297.45		44	42	CASING JOINT(S)	43.10	1,775.92	
9	8	CASING JOINT(S)	41.00	338.45		45	43	CASING JOINT(S)	43.18	1,819.10	
10	9	CASING JOINT(S)	43.12	381.57		46	44	CASING JOINT(S)	43.18	1,862.28	
11	10	CASING JOINT(S)	43.05	424.62		47	45	CASING JOINT(S)	43.00	1,905.28	
12	11	CASING JOINT(S)	42.75	467.37		48	46	CASING JOINT(S)	43.10	1,948.38	
13	12	CASING JOINT(S)	42.73	510.10		49	47	CASING JOINT(S)	43.12	1,991.50	
14	13	MARKER JOINT	42.54	552.64		50	48	CASING JOINT(S)	43.22	2,034.72	
15	14	CASING JOINT(S)	14.08	566.72		51	49	CASING JOINT(S)	43.10	2,077.82	
16	15	CASING JOINT(S)	42.60	609.32		52	50	CASING JOINT(S)	43.20	2,121.02	
17	16	CASING JOINT(S)	43.48	652.80		53	51	CASING JOINT(S)	43.10	2,164.12	
18	17	CASING JOINT(S)	42.73	695.53		54	52	CASING JOINT(S)	43.10	2,207.22	
19		DV TOOL	2.20	697.73		55	53	CASING JOINT(S)	42.55	2,249.77	
20	18	CASING JOINT(S)	43.68	741.41		56	54	CASING JOINT(S)	43.33	2,293.10	
21	19	CASING JOINT(S)	43.60	785.01		57	55	CASING JOINT(S)	42.74	2,335.84	
22	20	CASING JOINT(S)	43.12	828.13		58	56	CASING JOINT(S)	43.08	2,378.92	
23	21	CASING JOINT(S)	43.15	871.28		59	57	CASING JOINT(S)	43.18	2,422.10	
24	22	CASING JOINT(S)	43.15	914.43		60	58	CASING JOINT(S)	43.04	2,465.14	
25	23	CASING JOINT(S)	43.17	957.60		61	59	CASING JOINT(S)	43.10	2,508.24	
26	24	CASING JOINT(S)	43.07	1,000.67		62	60	CASING JOINT(S)	43.20	2,551.44	
27	25	CASING JOINT(S)	43.48	1,044.15		63	61	CASING JOINT(S)	42.70	2,594.14	
28	26	CASING JOINT(S)	43.47	1,087.62		64	62	CASING JOINT(S)	42.67	2,636.81	
29	27	CASING JOINT(S)	43.04	1,130.66		65	63	CASING JOINT(S)	42.80	2,679.61	
30	28	CASING JOINT(S)	43.58	1,174.24		66	64	CASING JOINT(S)	43.12	2,722.73	
31	29	CASING JOINT(S)	43.05	1,217.29		67	65	CASING JOINT(S)	43.00	2,765.73	
32	30	CASING JOINT(S)	43.24	1,260.53		68	66	CASING JOINT(S)	42.70	2,808.43	
33	31	CASING JOINT(S)	43.15	1,303.68		69	67	CASING JOINT(S)	43.48	2,851.91	
34	32	CASING JOINT(S)	42.05	1,345.73		70	68	CASING JOINT(S)	43.15	2,895.06	
35	33	CASING JOINT(S)	43.31	1,389.04		71	69	CASING JOINT(S)	43.20	2,938.26	
36	34	CASING JOINT(S)	42.45	1,431.49		72	70	CASING JOINT(S)	43.12	2,981.38	

CONOCOPHILLIP SCO

Final Pipe Tally Report

Legal Well Name: UTAH 05-224  
Common Well Name: UTAH 05-224  
Event Name: DRILLING

Report #: 3  
Start: 5/17/2004

Spud Date:  
Report Date: 5/24/2004  
End:

Pipe Information

Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct	Run #	Jnt #	Description	Jnt Length (ft)	Cum Lgth. (ft)	Ct
73	71	CASING JOINT(S)	42.88	3,024.26		85	83	CASING JOINT(S)	43.15	3,540.92	
74	72	CASING JOINT(S)	43.14	3,067.40		86	84	CASING JOINT(S)	43.45	3,584.37	
75	73	CASING JOINT(S)	43.12	3,110.52		87	85	CASING JOINT(S)	43.20	3,627.57	
76	74	CASING JOINT(S)	43.40	3,153.92		88	86	CASING JOINT(S)	41.63	3,669.20	
77	75	CASING JOINT(S)	43.09	3,197.01		89	87	CASING JOINT(S)	43.21	3,712.41	
78	76	CASING JOINT(S)	43.03	3,240.04		90	88	CASING JOINT(S)	43.30	3,755.71	
79	77	CASING JOINT(S)	43.02	3,283.06		91	89	CASING JOINT(S)	42.98	3,798.69	
80	78	CASING JOINT(S)	43.12	3,326.18		92	90	CASING JOINT(S)	43.05	3,841.74	
81	79	CASING JOINT(S)	43.15	3,369.33		93	91	CASING JOINT(S)	43.12	3,884.86	
82	80	CASING JOINT(S)	42.90	3,412.23		94	92	CASING JOINT(S)	43.00	3,927.86	
83	81	CASING JOINT(S)	42.64	3,454.87		95	93	CASING JOINT(S)	43.12	3,970.98	
84	82	CASING JOINT(S)	42.90	3,497.77		96	94			3,970.98	

CONOCOPHILLIP SCO

**Drillers Running Tally Report**

Legal Well Name: UTAH 05-224 Spud Date:  
 Common Well Name: UTAH 05-224 Report #: 3 Report Date: 5/24/2004  
 Event Name: DRILLING Start: 5/17/2004 End:

Date Run: 5/24/2004 Proposed Setting TMD: (ft)  
 Buoyancy Factor: Block Weight: (lb)

**Pipe Data Section**

Joints	Size (in)	Manufacturer	Weight (lb/ft)	Threads	Grade	Range	Thrd. Correction (ft)	Displacement (bbl/ft)
1 - 93	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			
13 - 13	5.500	NEWPORT	17.00	LT&C	N-80			

**Pipe Information**

Run #	Jnt #	Description	Jnt Length (ft)	Cum. Lgth. (ft)	Set TMD (ft)	Ct	Pipe Disp. (bbl)	Comments
1		FLOAT SHOE	1.27	1.27	0.00		0.00	
2	1	CASING JOINT(S)	43.05	44.32	-1.27		0.00	
3	2	CASING JOINT(S)	42.90	87.22	-44.32		0.00	
4	3	CASING JOINT(S)	42.55	129.77	-87.22		0.00	
5	4	CASING JOINT(S)	42.91	172.68	-129.77		0.00	
6	5	CASING JOINT(S)	41.90	214.58	-172.68		0.00	
7	6	CASING JOINT(S)	40.00	254.58	-214.58		0.00	
8	7	CASING JOINT(S)	42.87	297.45	-254.58		0.00	
9	8	CASING JOINT(S)	41.00	338.45	-297.45		0.00	
10	9	CASING JOINT(S)	43.12	381.57	-338.45		0.00	
11	10	CASING JOINT(S)	43.05	424.62	-381.57		0.00	
12	11	CASING JOINT(S)	42.75	467.37	-424.62		0.00	
13	12	CASING JOINT(S)	42.73	510.10	-467.37		0.00	
14	13	MARKER JOINT	42.54	552.64	-510.10		0.00	
15	14	CASING JOINT(S)	14.08	566.72	-552.64		0.00	
16	15	CASING JOINT(S)	42.60	609.32	-566.72		0.00	
17	16	CASING JOINT(S)	43.48	652.80	-609.32		0.00	
18	17	CASING JOINT(S)	42.73	695.53	-652.80		0.00	
19		DV TOOL	2.20	697.73	-695.53		0.00	
20	18	CASING JOINT(S)	43.68	741.41	-697.73		0.00	
21	19	CASING JOINT(S)	43.60	785.01	-741.41		0.00	
22	20	CASING JOINT(S)	43.12	828.13	-785.01		0.00	
23	21	CASING JOINT(S)	43.15	871.28	-828.13		0.00	
24	22	CASING JOINT(S)	43.15	914.43	-871.28		0.00	
25	23	CASING JOINT(S)	43.17	957.60	-914.43		0.00	
26	24	CASING JOINT(S)	43.07	1,000.67	-957.60		0.00	
27	25	CASING JOINT(S)	43.48	1,044.15	-1,000.67		0.00	
28	26	CASING JOINT(S)	43.47	1,087.62	-1,044.15		0.00	
29	27	CASING JOINT(S)	43.04	1,130.66	-1,087.62		0.00	
30	28	CASING JOINT(S)	43.58	1,174.24	-1,130.66		0.00	
31	29	CASING JOINT(S)	43.05	1,217.29	-1,174.24		0.00	
32	30	CASING JOINT(S)	43.24	1,260.53	-1,217.29		0.00	
33	31	CASING JOINT(S)	43.15	1,303.68	-1,260.53		0.00	
34	32	CASING JOINT(S)	42.05	1,345.73	-1,303.68		0.00	

CONOCOPHILLIP SCO

Drillers Running Tally Report

Legal Well Name: UTAH 05-224      Spud Date:  
 Common Well Name: UTAH 05-224      Report #: 3      Report Date: 5/24/2004  
 Event Name: DRILLING      Start: 5/17/2004      End:

Pipe Information

Run #	Jnt #	Description	Jnt Length (ft)	Cum. Lgth. (ft)	Set TMD (ft)	Ct	Pipe Disp. (bbl)	Comments
35	33	CASING JOINT(S)	43.31	1,389.04	-1,345.73		0.00	
36	34	CASING JOINT(S)	42.45	1,431.49	-1,389.04		0.00	
37	35	CASING JOINT(S)	43.16	1,474.65	-1,431.49		0.00	
38	36	CASING JOINT(S)	42.65	1,517.30	-1,474.65		0.00	
39	37	CASING JOINT(S)	42.65	1,559.95	-1,517.30		0.00	
40	38	CASING JOINT(S)	43.10	1,603.05	-1,559.95		0.00	
41	39	CASING JOINT(S)	43.54	1,646.59	-1,603.05		0.00	
42	40	CASING JOINT(S)	43.13	1,689.72	-1,646.59		0.00	
43	41	CASING JOINT(S)	43.10	1,732.82	-1,689.72		0.00	
44	42	CASING JOINT(S)	43.10	1,775.92	-1,732.82		0.00	
45	43	CASING JOINT(S)	43.18	1,819.10	-1,775.92		0.00	
46	44	CASING JOINT(S)	43.18	1,862.28	-1,819.10		0.00	
47	45	CASING JOINT(S)	43.00	1,905.28	-1,862.28		0.00	
48	46	CASING JOINT(S)	43.10	1,948.38	-1,905.28		0.00	
49	47	CASING JOINT(S)	43.12	1,991.50	-1,948.38		0.00	
50	48	CASING JOINT(S)	43.22	2,034.72	-1,991.50		0.00	
51	49	CASING JOINT(S)	43.10	2,077.82	-2,034.72		0.00	
52	50	CASING JOINT(S)	43.20	2,121.02	-2,077.82		0.00	
53	51	CASING JOINT(S)	43.10	2,164.12	-2,121.02		0.00	
54	52	CASING JOINT(S)	43.10	2,207.22	-2,164.12		0.00	
55	53	CASING JOINT(S)	42.55	2,249.77	-2,207.22		0.00	
56	54	CASING JOINT(S)	43.33	2,293.10	-2,249.77		0.00	
57	55	CASING JOINT(S)	42.74	2,335.84	-2,293.10		0.00	
58	56	CASING JOINT(S)	43.08	2,378.92	-2,335.84		0.00	
59	57	CASING JOINT(S)	43.18	2,422.10	-2,378.92		0.00	
60	58	CASING JOINT(S)	43.04	2,465.14	-2,422.10		0.00	
61	59	CASING JOINT(S)	43.10	2,508.24	-2,465.14		0.00	
62	60	CASING JOINT(S)	43.20	2,551.44	-2,508.24		0.00	
63	61	CASING JOINT(S)	42.70	2,594.14	-2,551.44		0.00	
64	62	CASING JOINT(S)	42.67	2,636.81	-2,594.14		0.00	
65	63	CASING JOINT(S)	42.80	2,679.61	-2,636.81		0.00	
66	64	CASING JOINT(S)	43.12	2,722.73	-2,679.61		0.00	
67	65	CASING JOINT(S)	43.00	2,765.73	-2,722.73		0.00	
68	66	CASING JOINT(S)	42.70	2,808.43	-2,765.73		0.00	
69	67	CASING JOINT(S)	43.48	2,851.91	-2,808.43		0.00	
70	68	CASING JOINT(S)	43.15	2,895.06	-2,851.91		0.00	
71	69	CASING JOINT(S)	43.20	2,938.26	-2,895.06		0.00	
72	70	CASING JOINT(S)	43.12	2,981.38	-2,938.26		0.00	
73	71	CASING JOINT(S)	42.88	3,024.26	-2,981.38		0.00	
74	72	CASING JOINT(S)	43.14	3,067.40	-3,024.26		0.00	
75	73	CASING JOINT(S)	43.12	3,110.52	-3,067.40		0.00	
76	74	CASING JOINT(S)	43.40	3,153.92	-3,110.52		0.00	
77	75	CASING JOINT(S)	43.09	3,197.01	-3,153.92		0.00	
78	76	CASING JOINT(S)	43.03	3,240.04	-3,197.01		0.00	
79	77	CASING JOINT(S)	43.02	3,283.06	-3,240.04		0.00	
80	78	CASING JOINT(S)	43.12	3,326.18	-3,283.06		0.00	

CONOCOPHILLIP SCO

**Drillers Running Tally Report**

Legal Well Name: UTAH 05-224  
 Common Well Name: UTAH 05-224  
 Event Name: DRILLING

Report #: 3  
 Start: 5/17/2004

Spud Date:  
 Report Date: 5/24/2004  
 End:

**Pipe Information**

Run #	Jnt #	Description	Jnt Length (ft)	Cum. Lgth. (ft)	Set TMD (ft)	Ct	Pipe Disp. (bbl)	Comments
81	79	CASING JOINT(S)	43.15	3,369.33	-3,326.18		0.00	
82	80	CASING JOINT(S)	42.90	3,412.23	-3,369.33		0.00	
83	81	CASING JOINT(S)	42.64	3,454.87	-3,412.23		0.00	
84	82	CASING JOINT(S)	42.90	3,497.77	-3,454.87		0.00	
85	83	CASING JOINT(S)	43.15	3,540.92	-3,497.77		0.00	
86	84	CASING JOINT(S)	43.45	3,584.37	-3,540.92		0.00	
87	85	CASING JOINT(S)	43.20	3,627.57	-3,584.37		0.00	
88	86	CASING JOINT(S)	41.63	3,669.20	-3,627.57		0.00	
89	87	CASING JOINT(S)	43.21	3,712.41	-3,669.20		0.00	
90	88	CASING JOINT(S)	43.30	3,755.71	-3,712.41		0.00	
91	89	CASING JOINT(S)	42.98	3,798.69	-3,755.71		0.00	
92	90	CASING JOINT(S)	43.05	3,841.74	-3,798.69		0.00	
93	91	CASING JOINT(S)	43.12	3,884.86	-3,841.74		0.00	
94	92	CASING JOINT(S)	43.00	3,927.86	-3,884.86		0.00	
95	93	CASING JOINT(S)	43.12	3,970.98	-3,927.86		0.00	
96	94			3,970.98	-3,970.98			



## CONOCOPHILLIP SCO

### Daily Drilling Report

WELL NAME UTAH 05-224		JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD 3,960.0	TVD 3,960.0	DFS 4.00	REPT NO. 5	DATE 5/25/2004
SUPERVISOR LLOYD SHIRLEY		RIG NAME & NO. PENSE BRS. DRILLING 9		FIELD NAME / OCS NO.		AUTH MD 4,011.0	DAILY TANG 0.00	CUM. TANG 0.00	
CURRENT STATUS				ACCIDENTS LAST 24 HRS.? NONE RPTD		DAILY INT W/O MUD 0.00		CUM INTANG W/ MUD 0.00	
24 HR FORECAST RUN PRODUCTION CSG & CEMENT				DATE OF LAST SAFETY MEETING 5/24/2004		DAILY TOTAL 74,498		CUM COST W/ MUD 172,034	
LITHOLOGY		JAR HRS OF SERVICE	BHA HRS SINCE INSP	LEAKOFF	AFE WAR.UIN.S286		AUTH. 589,728		
LAST SURVEY: DATE		TMD	INC	AZIM	LAST CASING 8.875 (in) @ 406.9 (ft)		NEXT CASING 5.500 (in) @ (ft)		LAST BOP PRES TEST 5/21/2004

#### OPERATIONS SUMMARY

FROM	TO	HOURS	CODE	TROUBLE	SUB	PHASE	DESCRIPTION
06:00	08:00	2.00	CASING P		WOCT	INTRM1	WAIT ON RIG TO GET TO LOCATION
08:00	10:00	2.00	CASING P		RURD	INTRM1	SAFETY MTG, RIG UP WORKOVER, TALLY CSG,
10:00	15:00	5.00	CASING P		RNCS	INTRM1	RIH W/ 5 1/2IN FLOAT SHOE + 13 JTS OF 5 1/2IN 17# N-80 + 1 FLAG JOINT OF SAME, + 3 JOINTS OF SAME + DV TOOL(TOP OF TOOL @ 3231 + 75 JOINTS OF SAME, LAND @ 3929FT,
15:00	15:15	0.25	CEMENT P		RURD	INTRM1	SAFETY MTG WITH CEMENTERS,DISCUSS RIGGING UP AND GO OVER JOB,
15:15	16:30	1.25	CEMENT P		CIRC	INTRM1	PRESSURE TEST LINES TO 3000PSI,PUMP 200 BBLS OF 2% KCL, NO CIRCULATION, PUMPED 20 BBL GEL PILL, MIX & PUMP 100 SKS OF 14.2# CEMENT SLURRY(PREM AG300,1% CALCIUM CHLORIDE,10% CAL-SEAL, .25#/SK OF FLOCELE),S/DOWN, DROP PLUG, DISPLACE WITH 91 BBLS OF 2% KCL, (SLOWED RATE TO 3BPM THRU TOOL), BUMP PLUG WITH 400PSI, TEST FLOATS OK, DROPPED BOMB, WAIT FIFTEEN MINUTES FOR IT TO FALL, OPEN DV TOOL WITH 550PSI,
16:30	18:00	1.50	CEMENT P		CIRC	INTRM1	TRY TO CIRCULATE HOLE, PUMP 145 BBLS OF 2 % KCL NO FLUID TO SURFACE 30PSI PUMP PRESSURE, DISCUSS WITH LYNN & MIKE DECIDED TO S/DOWN AND LET CEMENT CURE FOR 4 HRS
18:00	21:30	3.50	CEMENT P		WOC	INTRM1	WAIT ON CEMENT AND WAIT ON FLOCELE TO ARRIVE FROM VERNAL, SAFETY MTG, GO OVER JOB,
21:30	22:35	1.08	CEMENT P		CIRC	INTRM1	PUMP 100BBLS OF 2% KCL, NO PRESSURE CHANGE, PUMP 15BBL GEL PILL W/ 50# OF FLOCELE, MIX & PUMP 365SKS OF CEMENT, S/DOWN & DROP PLUG, DISPLACE WITH 75BBLS OF 2% KCL, WITH 35 BBLS GONE PRESSURE WENT TO 150PSI, @ 45 BBLS GONE 410PSI(GOT RETURNS TO PIT, 65BBLS GONE LOST CIRCULATION 360PSI, CLIMBED BACK TO 680 BEFORE PLUG BUMPED, CLOSED TOOL WITH 2600PSI, CHECKED TOOL IT HELD, SHUT I N WELL,
22:35	00:00	1.42	CEMENT P		RURD	INTRM1	RIG DOWN CEMENTERS, SDFN

**24 HR SUMMARY:** RUN CASING & CEMENT, 2 STAGE CEMENT JOB

#### BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
3 /	15.000	IR	HAMMER			94.0	5/21/2004	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
CONOCOPHILLIPS CO	SUPERVISOR	2	36.00		RIG CREW	4	60.00

**CONOCOPHILLIP SCO**  
**Daily Drilling Report**

WELL NAME UTAH 05-224	JOB NUMBER 1	EVENT CODE DRL	24 HRS PROG	TMD 3,960.0	TVD 3,960.0	DFS 4.00	REPT NO. 5	DATE 5/25/2004
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**PERSONNEL DATA**

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
	WATER HAULERS	2	12.00		WINCH TRUCK	1	3.00
HALLIBURTON	CEMENT CREW	4	60.00				

**REQUIREMENTS**

NO INCIDENTS  
 1 JSA

**COMMENTS**

NO INCIDENTS,  
 2 JSA'S

008

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48205
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: 2356.8' FSL, 2495.3' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 5 T15S R09 S		8. WELL NAME and NUMBER: Utah 05-224
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 4300730936
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 05-224 well was spud on 5/20/04, Pense Bros. Rig #9, Dry Drill.

COPY

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)

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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 _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48205
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: 2356.8' FSL, 2495.3' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWES 5 T15 R09 S		8. WELL NAME and NUMBER: Utah 05-224
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 4300730936
		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
		COUNTY: Carbon
		STATE: UTAH

CONFIDENTIAL

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 05-224 well showed first production on 8/6/04.

Gas: 68 mcf  
Water: 72 bbl  
Tbg Pressure: 34  
Csg Pressure: 40

ORIGINAL  
CONFIDENTIAL

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

(This space for State use only)

RECEIVED  
AUG 25 2004  
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

ORIGINAL

010

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator: **ConocoPhillips Company**

3. Address and Telephone Number: **6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777**

4. Location of Well  
Footages: **2357' FSL, 2495' FWL**  
QQ, Sec., T., R., M.: **NE/SW, SEC. 05, T15S, R09E, SLB & M**

5. Lease Designation and Serial Number:  
**ML-48205**  
6. If Indian, Allottee or Tribe Name:  
**N/A**  
7. Unit Agreement Name:  
**UTU67921X Drunkards Wash**  
8. Well Name and Number:  
**UTAH 05-224**  
9. API Well Number:  
**43-007-30936**  
10. Field or Pool, or Wildcat:  
**Drunkards Wash**

County: **Carbon County**  
State: **Utah**

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

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

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

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

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Chemical/Flush Treatment
- Date of work completion 08/19/2004
- New Construction
- Pull or Alter Csg
- Reperforate
- Vent or Flare
- Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Please be advised that the above referenced well was chemically treated with 150 gallons of HCL and 5040 gallons of Coalstim fluid on 08/19/2004.

RECEIVED  
OCT 01 2004

DIV. OF OIL, GAS & MINING

13.

Name & Signature: Lynnette Allred

Title: Sr. Operations Assistant

Date: 09/28/2004

(This space for state use only)

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

CONFIDENTIAL

AMENDED REPORT  FORM 8  
(highlight changes)

011

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-48205

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

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

8. WELL NAME and NUMBER:  
Utah 05-224

9. API NUMBER:  
4300730936

10. FIELD AND POOL, OR WILDCAT  
Drunkards Wash

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NESW 5 15 09 S

12. COUNTY  
Carbon

13. STATE  
UTAH

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

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

2. NAME OF OPERATOR:  
ConocoPhillips Company

3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501 PHONE NUMBER: (435) 613-9777

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 2357' FSL, 2495' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 9-2-05

14. DATE SPUDDED: 5/20/2004 15. DATE T.D. REACHED: 5/22/2004 16. DATE COMPLETED: 8/2/2004 ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 7051GR

18. TOTAL DEPTH: MD 3,960 TVD 19. PLUG BACK T.D.: MD 3,929 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, CAL-GR-CLL

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	94					
11"	8 5/8 J-55	24#/ft	94	407		G,2% 190			
7 7/8"	5 1/2 N-80	17#/ft	407	3,929		50/50 465 2% KCL 100			

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	3,752							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Ferron Coals	3,528	3,534			3,528 3,534	.40	4	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Ferron Coals	3,593	3,594			3,593 3,594	.40	4	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Ferron Coals	3,605	3,608			3,605 3,608	.40	4	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D) Ferron Coals	3,644	3,650			3,644 3,650	.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
3645-3650	0#, 20/40; 6,600#, 16/30; 40,876 gal fluid
3593-3623	0#, 20/40; 38,500#, 16/30; 22,468 gal fluid
3528-3534	0#, 20/40; 8,000#, 16/30; 11,400 gal fluid

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
Producing

ORIGINAL

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/6/2004		TEST DATE: 8/6/2004		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 57	WATER - BBL: 55	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS. 10	CSG. PRESS. 11	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 57	WATER - BBL: 55	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 8/6/2004		TEST DATE: 8/6/2004		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 57	WATER - BBL: 55	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS. 30	CSG. PRESS. 29	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 57	WATER - BBL: 55	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED: 8/6/2004		TEST DATE: 8/6/2004		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 57	WATER - BBL: 55	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS. 30	CSG. PRESS. 29	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 57	WATER - BBL: 55	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

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

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

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			3,071
Ferron	3,229				3,229
Tununk	3,498				3,498
Ferron Coals	3,242	3,360	Coal intervals: 3242-3360		

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

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

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

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

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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number:  
ML-48205

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

7. Unit Agreement Name:  
UTU67921X Drunkards Wash

8. Well Name and Number:  
UTAH 05-224

9. API Well Number:  
43-007-30936

10. Field or Pool, or Wildcat:  
Drunkards Wash

1. Type of Well: OIL  GAS  OTHER

2. Name of Operator:  
ConocoPhillips Company

3. Address and Telephone Number:  
6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777

4. Location of Well  
Footages: 2357' FSL, 2495' FWL  
County: Carbon County  
QQ, Sec., T., R., M.: NE/SW, SEC. 05, T15S, R09E, SLB & M  
State: Utah

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

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

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

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

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Chemical/Flush Treatment
- Date of work completion 07/20/05
- New Construction
- Pull or Alter Csg
- Reperforate
- Vent or Flare
- Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Please be advised that the above referenced well was chemically treated with 250 gallons 15% HCL & 1500 gallons low PH fluid on 7/20/2005.

13. Name & Signature: Lynnette Allred  Title: Sr. Operations Assistant Date: 08/02/2005

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48205</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
			7. UNIT or CA AGREEMENT NAME: <b>Drunkards Wash (UTU-67921X)</b>
1. TYPE OF WELL <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____			8. WELL NAME and NUMBER: <b>Utah 05-224</b>
2. NAME OF OPERATOR: <b>ConocoPhillips Company</b>			9. API NUMBER: <b>4300730936</b>
3. ADDRESS OF OPERATOR: <b>P. O. Box 51810</b> CITY <b>Midland</b> STATE <b>TX</b> ZIP <b>79710</b>		PHONE NUMBER: <b>(432) 688-6943</b>	10. FIELD AND POOL, OR WLD CAT: <b>Drunkards Wash</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2357' FSL &amp; 2495' FWL</b>			COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 5 15S 9E</b>			STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>5/28/2008</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>Remedial work</b>
	<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.

5/27/2008 SIRU, ND Unit, RU pump, test (no test). POOH w/rods. ND WH, NU BOP, test @ 200 and 2000 psi. X/O 2 7/8 tbg equipment.

5/28/2008 Tag fill @ 3866'. POOH, replace bottom 4 tbg joints, X/O BHA. RIH w/tbg and BHA, test @ 2000 psi. Land tbg @ 3746.45'. RU sand line and lube. RIH and fish standing valve. POOH, LD sand line and lube, X/O rod equipment, ND work floor, ND BOP, NU WH, PU. RIH w/pump and rods, fill and test @ 500 psi. RU unit, function test.

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

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE	DATE <u>6/17/2008</u>

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**JUN 23 2008**