



ConocoPhillips Company  
6825 South 5300 West  
P.O. Box 851  
Price, UT 84501

March 1, 2006

Ms. Diana Whitney  
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: Telonis 19-1038, Birkinshaw 18-1037, Telonis 16-1031,  
Utah 33-1072, Utah 23-1026, Telonis 29-1060

Dear Ms. Whitney:

Please find enclosed an *Application for Permit to Drill* (APD) for the following wells:

Telonis 19-1038, Birkinshaw 18-1037, Telonis 16-1031, Utah 33-1072, Utah 23-1026, Telonis 29-1060

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  
Construction/Asset Integrity Supervisor

cc: Mr. Eric Jones, BLM, Moab, Utah  
Mr. John Albert, Chevron  
Mr. John Lennon, Dominion Resources  
Mr. Don Stephens, BLM, Price, Utah  
Ms. Debbie Marberry, ConocoPhillips  
Mr. Kile Thompson, ConocoPhillips  
Mr. Mark Jones, DOGM, Price, Utah  
Mr. Ed Bonner, SITLA  
ConocoPhillips Well File

RECEIVED  
MAR 07 2006  
DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Birkinshaw 18-1037	
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501			PHONE NUMBER: (435) 613-9777	10. FIELD AND POOL, OR WILDCAT: Drunkards Wash	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1431' FSL, 1373' FEL AT PROPOSED PRODUCING ZONE:				11. QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 14S 9E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 7.2 miles west of Price, Utah				12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1209 feet		16. NUMBER OF ACRES IN LEASE 159.99 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1350 feet		19. PROPOSED DEPTH: 3,348		20. BOND DESCRIPTION: Rotary	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6373.1' GR		22. APPROXIMATE DATE WORK WILL START: 4/15/2006		23. ESTIMATED DURATION:	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
15"	12 3/4" Conductor	40	
11"	8 5/8" J-55 24#/ft	400	170 sks G+2% CaCl 1/4#/skD29
7 7/8"	5 1/2" N-80 17#/ft	3,338	120 sks 50/50 POZ+8% gel+2%CaCl +10%extend 1/4#/skD29
			270 sks "G" thixotropic

**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 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 Construction/Asset Integrity Supervisor  
SIGNATURE *Jean Semborski* DATE 2/23/06

(This space for State use only)

API NUMBER ASSIGNED: 43-007-31149

Approved by the  
Utah Division of  
Oil, Gas and Mining

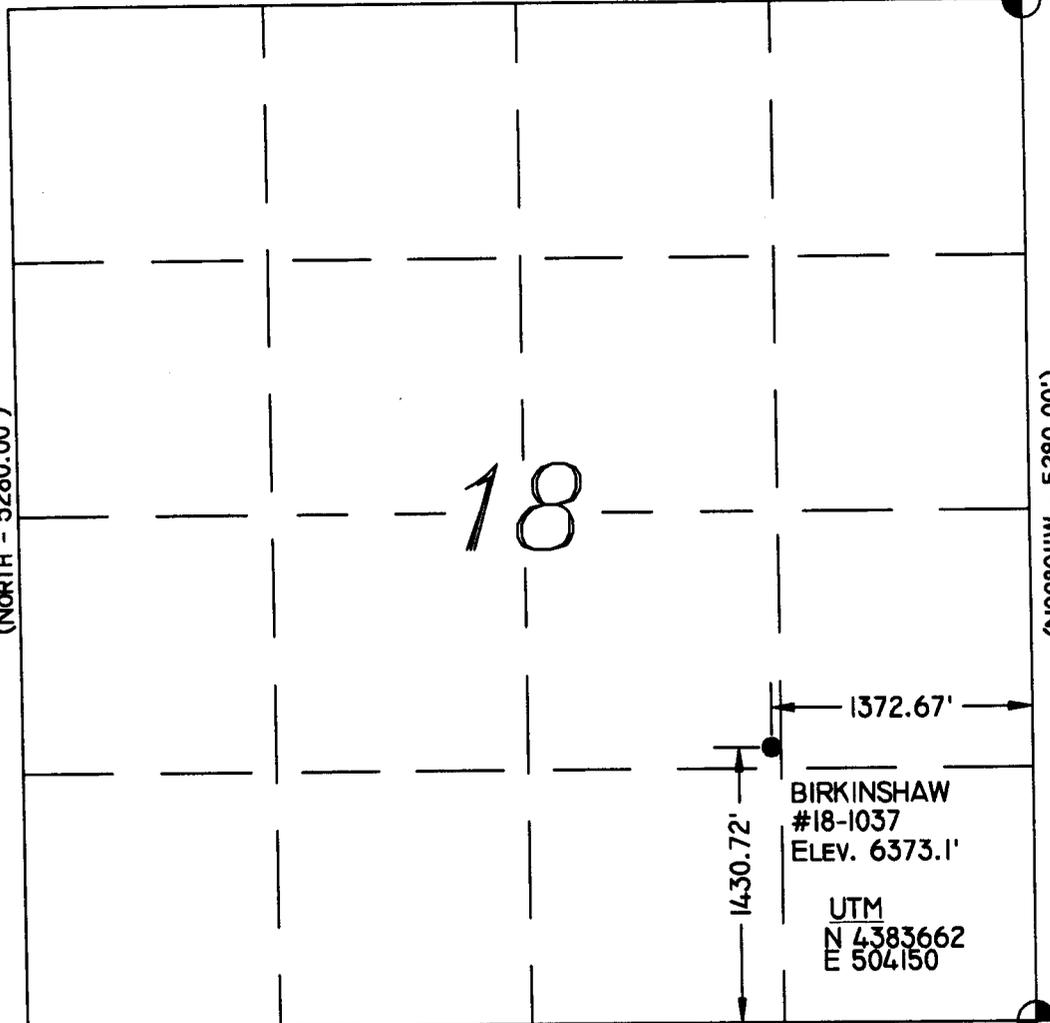
RECEIVED  
MAR 07 2006

Date: 08-21-06  
By: *[Signature]*

DIV. OF OIL, GAS & MINING

# Range 9 East

(S89°55'E - 5082.00')



(S89°55'E - 5084.64')

(N00°01'W - 5280.00')  
(N00°05'01"W - 5263.90')

**Location:**

The well location was determined using a Trimble 5700 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 6158' being at the Northeast Section Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Pinnacle Peak Quadrangle 7.5 minute series map.

**Description of Location:**

Proposed Drill Hole located in the NW/4 SE/4 of Section 18, T14S, R9E, S.L.B.&M., being 1430.72' North and 1372.67' West from the Southeast Section Corner of Section 18, T14S, 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.**

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

**ConocoPhillips Company**

**WELL BIRKINSHAW #18-1037**  
Section 18, T14S, R9E, S.L.B.&M.  
Carbon County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 2/7/06
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 2179

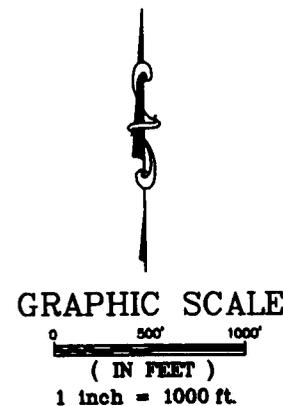
Township 14 South  
(NORTH - 5280.00')

- Legend**
- Drill Hole Location
  - ⊙ Metal Cap (Found)
  - Fence Post (Found)
  - Brass Cap (Searched for, but not found)
  - △ Calculated Corner
  - ( ) 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°36'16.461"N  
110°57'05.980"W





ConocoPhillips Company  
Property Tax, Real Estate, Right of Way and Claims  
P.O. Box 105  
Livermore, CO 80536

August 17, 2006

Via U.S.P.S. Express Mail

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

Dear Ms. Whitney:

ConocoPhillips Company (COPC) plans to drill the following wells in Carbon County, Utah:

- Telonis 16-1031 Well located in the SW4, Section 16, T14S, R9E
- Birkinshaw 18-1037 Well located in the SE4, Section 18, T14S, R9E
- Telonis 19-1038 Well located in the NW4, Section 19, T14S, R9E
- Telonis 29-1060 Well located in the NW4, Section 29, T14S, R9E
- Telonis 30-1063 Well located in the S2, Section 30, T14S, R9E

COPC has filed an Application for Permit to Drill (APD) for each of these wells with the State of Utah Division of Oil, Gas and Mining.

Pursuant to the State of Utah Division of Oil, Gas and Mining, Oil and Gas Conservation General Rules, R659-3-34 ("Well Site Restoration Rules), COPC obtained a Surface Use and Damage Agreement with the surface owner for each of these wells. The Agreements include provisions for the protection of surface resources, reclamation of the subject surface property and well site restoration, or damages in lieu thereof, for the surface location for each well. Enclosed is an Affidavit Concerning Surface Use Agreement for each well evidencing COPC's Agreements with the surface owners.

Please advise Donna Williams, Jean Semborski or me if you have questions or require additional information regarding the subject Surface Use and Damage Agreements.

Sincerely,

Deanna J. Walker

Phone: 970-498-9677

Fax: 970-498-9687

E-mail: Deanna.J.Walker@conocophillips.com

Enclosures

cc: Jean Semborski, ConocoPhillips Company  
Donna Williams, ConocoPhillips Company

RECEIVED

AUG 18 2006

DIV. OF OIL, GAS & MINING

**AFFIDAVIT CONCERNING  
SURFACE USE AGREEMENT**

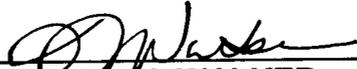
STATE OF COLORADO    }  
                                  }  
COUNTY OF ADAMS    }

**DEANNA J. WALKER**, being first duly sworn upon her oath, deposes and says:

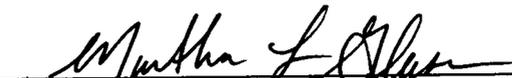
1. I am a Senior Advisor in the Property Tax, Real Estate, Right of Way and Claims Organization of ConocoPhillips Company, a Delaware corporation duly authorized to transact business in the State of Utah, ("COPC") and am authorized to execute this Affidavit on behalf of said corporation.
2. **Betty M. Nealis, Trustee of the Survivor's "A" Trust of the Nealis Family Trust created on November 12, 1992**, whose address is 2862 Sierra Drive, Westlake Village, California, 91362, and **Bonnie Ann Cappello, Trustee of the Bonnie Ann Cappello Trust created September 9, 1999**, whose address is 12329 Hesby Street, Valley Village, California, 91602, ("**Surface Owner**") owns the surface estate of property located in the **Southeast One-quarter of Section 18, Township 14 South, Range 9 East, S.L.B.&M., Carbon County, Utah** ("Property").
3. COPC owns or operates oil and gas rights, including mineral leases, and may become holder of other oil and gas rights, including mineral leases, underlying and in the vicinity of the Property ("Leases") and desires to enter on the Property for the purposes of conducting oil and gas operations related to such oil and gas rights, including mineral leases.
4. The Surface Owner executed a Surface Use and Damage Agreement effective as of the 10<sup>th</sup> day of May 2006 which covers the Property. In addition to other agreements and as required by the State of Utah Division of Oil, Gas and Mining, Oil and Gas Conservation General Rules, R649-3-34 ("Well Site Restoration Rules"), the Surface Use and Damage Agreement sets forth the agreement between the parties for the protection of surface resources, reclamation of the Property and well site restoration, or damages in lieu thereof, for the surface pad location for COPC's **Birkinshaw 18-1037 well** and associated infrastructure, which will be located on the Property. A Memorandum of Surface Use and Damage Agreement is being filed in the public records of Carbon County, Utah.
5. I execute and record this affidavit in accordance with the requirements of the Well Site Restoration Rules.

6. The matters stated herein are true of my own knowledge, except to any matters stated herein upon information and belief, and, as to those matters, I believe them to be true.

DATED this 15<sup>th</sup> day of August 2006.

  
\_\_\_\_\_  
**DEANNA J. WALKER**  
ConocoPhillips Company  
Property Tax, Real Estate,  
Right of Way and Claims  
Senior Advisor

Subscribed, sworn and acknowledged to and by Deanna J. Walker before me this 15<sup>th</sup> day of August 2006.

  
\_\_\_\_\_  
**NOTARY PUBLIC**  
For the State of Colorado

My Commission Expires:

06/08/2010\_\_\_\_\_

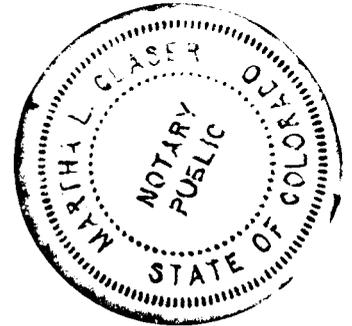


EXHIBIT "D"  
DRILLING PROGRAM

Attached to Form 3  
ConocoPhillips Company  
Birkinshaw 18-1037  
NW/4, SE/4, Sec.18, T14S, R9E, SLB & M  
1431' FSL, 1373' FEL  
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 2796'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 2818' - 2977'

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 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
14 3/4"	12 3/4"	40.5	H-40	ST&C	0-50'
11"	8 5/8"	24.0	J-55	ST&C	0-400'
7 7/8"	5 1/2"	17.0	N-80	LT&C	<u>0-3338</u>

## Cementing Program

The 8 5/8" surface casing will be set with approximately 170 sacks Class G or Type V cement with 2% CaCl<sub>2</sub> mixed at 15.6 ppg (yield =1.18 ft<sup>3</sup>/sx). The cement will be circulated back to surface with 100% excess.

The 5 1/2" production casing will be set and cemented using a two stage cementing process . This entails setting casing to total TD and running a DV tool to approximately 300' of the top of the Ferron.

The 1<sup>st</sup> Stage of cement will then be pumped to approximately 50' from the DV tool. After cement is pumped, the cement cap will be removed and a wiper plug installed. The cement cap will then be screwed back on and a wiper plug will be displaced to TD. The cement cap will be removed and the DV tool bomb will be dropped followed by the 2<sup>nd</sup> Stage wiper plug. (This is done to open the DV tool and establish circulation.) Once circulation is established, circulation will continue at approximately 1 bpm for 4 hours while waiting on cement (WOC). WOC at a minimum of 4 hours before beginning 2<sup>nd</sup> stage cement job. After the 2<sup>nd</sup> Stage has been pumped, a top wiper plug will be dropped and displaced with water (or water spacer and mud). Shut in well and WOC.

The 5 1/2" production casing will be set with approximately 120 sacks of Standard Cement, 10% Cal Seal 60 (accelerator), 1% Calcium Chloride (accelerator), 1/4 lbm/sk Flocele (lost circulation additive) with a yield of 1.61 ft<sup>3</sup>/sx at 14.2 ppg; calculated with an excess of 35% for the 1<sup>st</sup> Stage. For the 2<sup>nd</sup> stage, approximately 270 sx of 50/50 POZ Premium cement, 8% Bentonite (light weight additive), 10% Cal Seal 60 (accelerator), 1/4 lbm/sk Flocele (lost circulation additive) with a yield of 1.98 ft<sup>3</sup>/sx at 12.5 ppg; calculated with an excess of 30% for the 2<sup>nd</sup> Stage.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

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

0-400	11" hole	Drill with air, will mud-up if necessary.
400-TD	7 7/8" hole	Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm

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

400-TD      Gamma Ray, Neutron Porosity, CBL

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 about 1451 psi max., however due to offset production pressures may be much lower. 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 April 15, 2006

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.

## SURFACE USE PLAN

Attached to Form 3  
ConocoPhillips Company  
Birkinshaw 18-1037  
NW/4, SE/4, Sec.18, T14S, R9E, SLB & M  
1431' FSL, 1373' FEL  
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 500' of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 2 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

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

- a. Refer to Drawing L-1.

### **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 Drawing A-2 and L-1.
- 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 Birkinshaw Trust, Betty Mae Nealis, Trustee ½ interest, 2862 Sierra Dr, Westlake Village, CA 91362, phone 805-371-9071, and Bonnie Ann Cappello, Trustee ½ interest, 12329 Hesby Street, Valley Village, CA 91602, phone 818-505-8757. 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 5000 feet Southeast.
- b. Nearest live water is the Gordon Creek 5,500' North
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

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

**13. Company Representative**

Jean Semborski  
Construction/Asset Integrity Supervisor  
ConocoPhillips Company  
P.O. Box 851  
6825 South 5300 West  
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

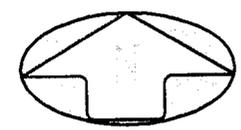
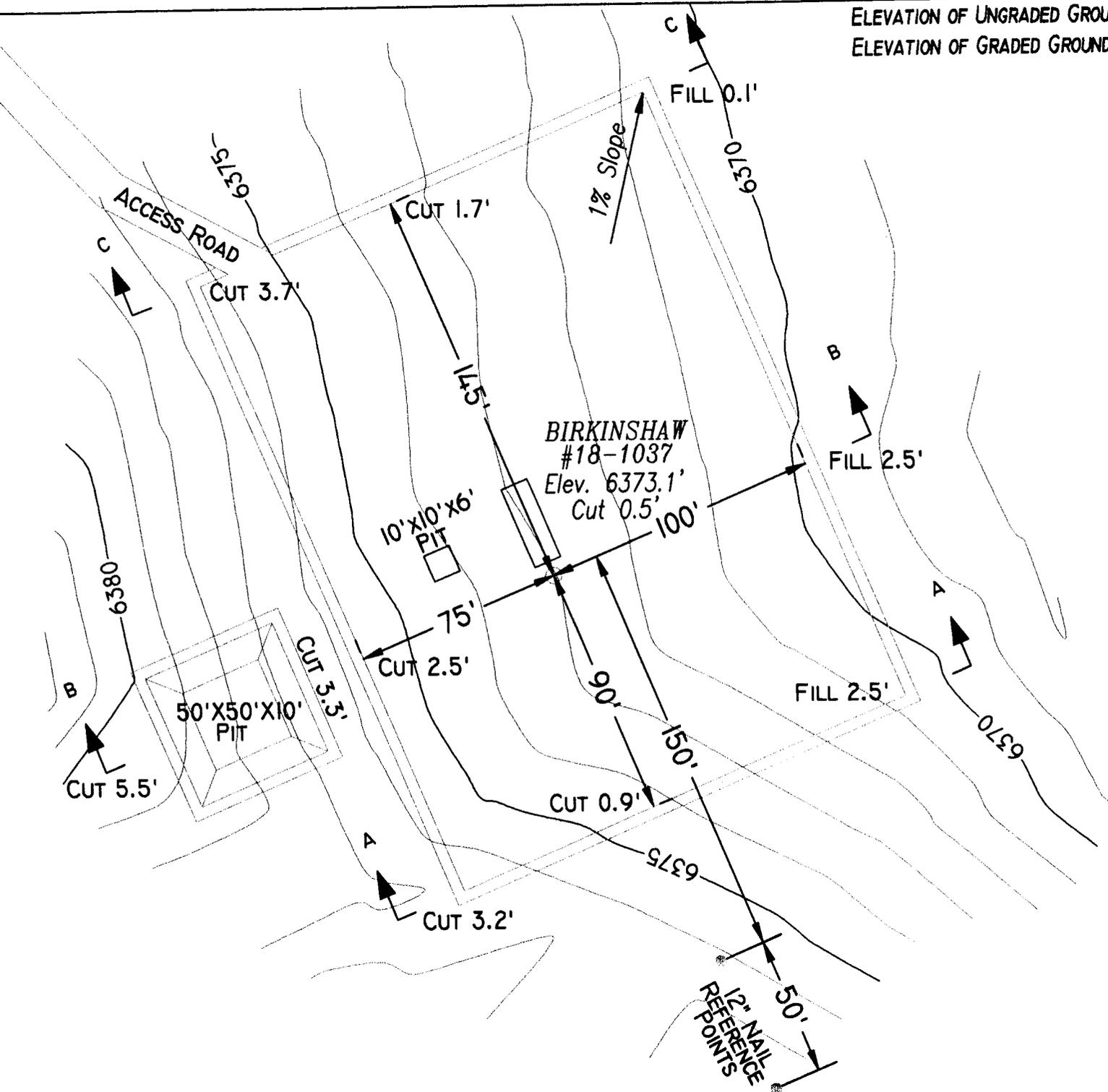
**14. Certification**

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

2/23/06  
Date

  
\_\_\_\_\_  
Jean Semborski  
Construction/Asset Integrity Supervisor  
ConocoPhillips Company

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 6373.1'  
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 6372.6'

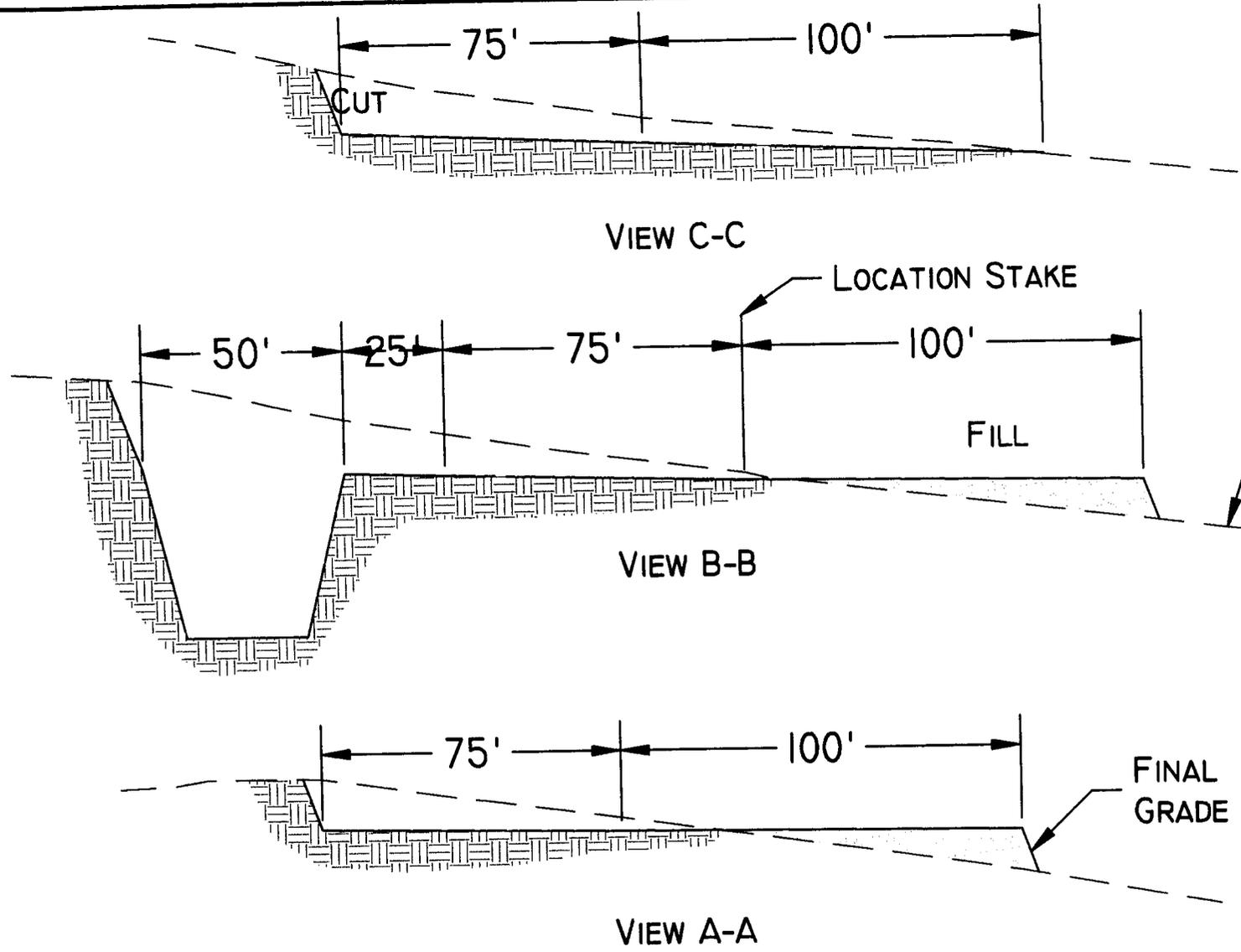


**TALON RESOURCES, INC.**  
 195 North 100 West P.O. Box 1230  
 Huntington, Utah 84528  
 Phone (435)687-5316 Fax (435)687-5311  
 E-Mail talonactiv.net

**ConocoPhillips Company**

**LOCATION LAYOUT**  
 Section 18, T14S, R9E, S.L.B.&M.  
 WELL BIRKINSHAW #18-1037

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. A-2	Date: 2/7/06
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 2179



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

PRECONSTRUCTION  
GRADE  
SLOPE = 1 1/2 : 1  
(EXCEPT PIT)  
PIT SLOPE = 1 : 1



**TALON RESOURCES, INC.**  
195 North 100 West P.O. Box 1236  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talonrtr.net

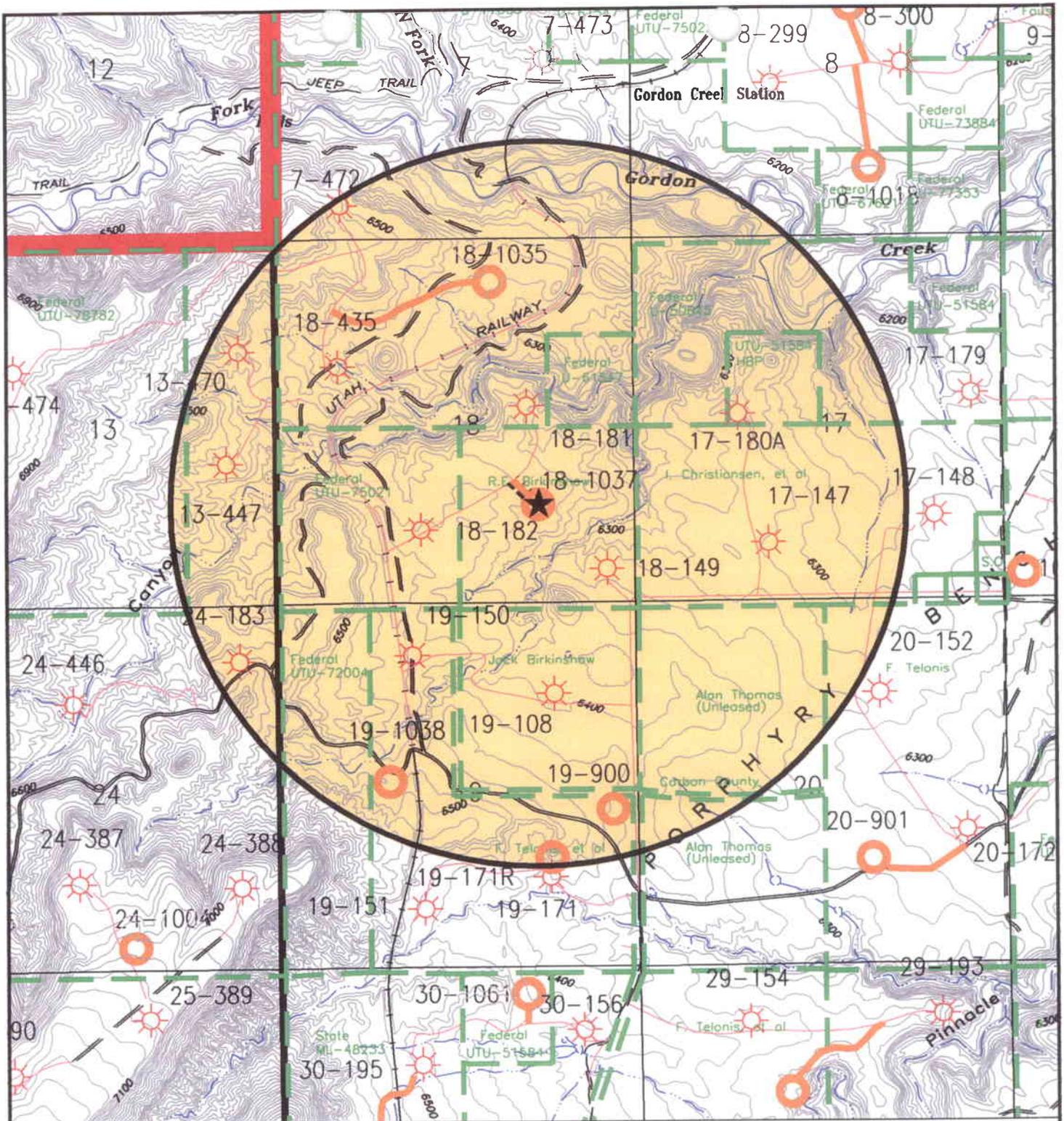
**ConocoPhillips Company**

TYPICAL CROSS SECTION  
Section 18, T14S, R9E, S.L.B.&M.  
WELL BIRKINSHAW #18-1037

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. C-1	Date: 2/7/06
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 2179

APPROXIMATE YARDAGES

CUT  
(6")TOPSOIL STRIPPING = 810 CU. YDS.  
REMAINING LOCATION = 2,920 CU, YDS.  
(INCLUDING TOPSOIL STRIPPING)  
TOTAL CUT (INCLUDING PIT) = 3,670 CU. YDS.  
TOTAL FILL = 660 CU. YDS.



**LEGEND**

- Proposed Well Location:
- Other Proposed Well Locations:
- Proposed Powerline:
- Proposed Pipeline:
- Proposed Roads:
- Lease Boundary:
- Existing Wells:



Scale: 1" = 2000'

February 7, 2006

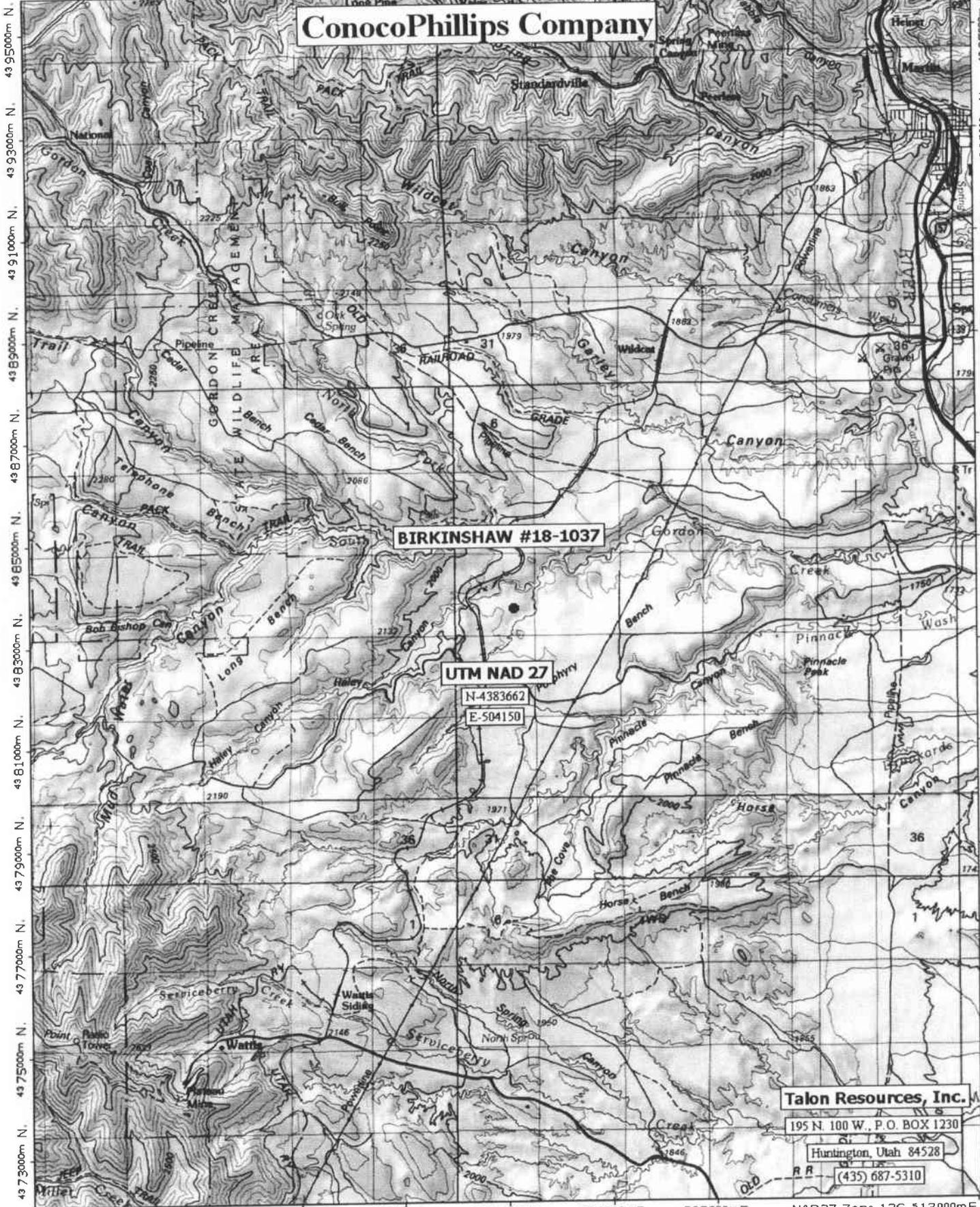
ConocoPhillips Company  
 6825 South 5300 West  
 P.O. Box 851  
 Price, Utah 84501  
 Phone: (435) 613-9777  
 Fax: (435) 613-9782



**WELL BIRKINSHAW #18-1037**  
 Section 18, T14S, R9E, S.L.B.&M.  
 Drawing L-1 4 of 4

496000m E. 498000m E. 500000m E. 502000m E. 504000m E. 506000m E. 508000m E. NAD27 Zone 12S 513000m N.

**ConocoPhillips Company**

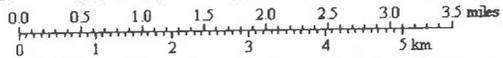


**BIRKINSHAW #18-1037**

**UTM NAD 27**  
N-4383662  
E-504150

**Talon Resources, Inc.**  
195 N. 100 W., P.O. BOX 1230  
Huntington, Utah 84528  
RR (435) 687-5310

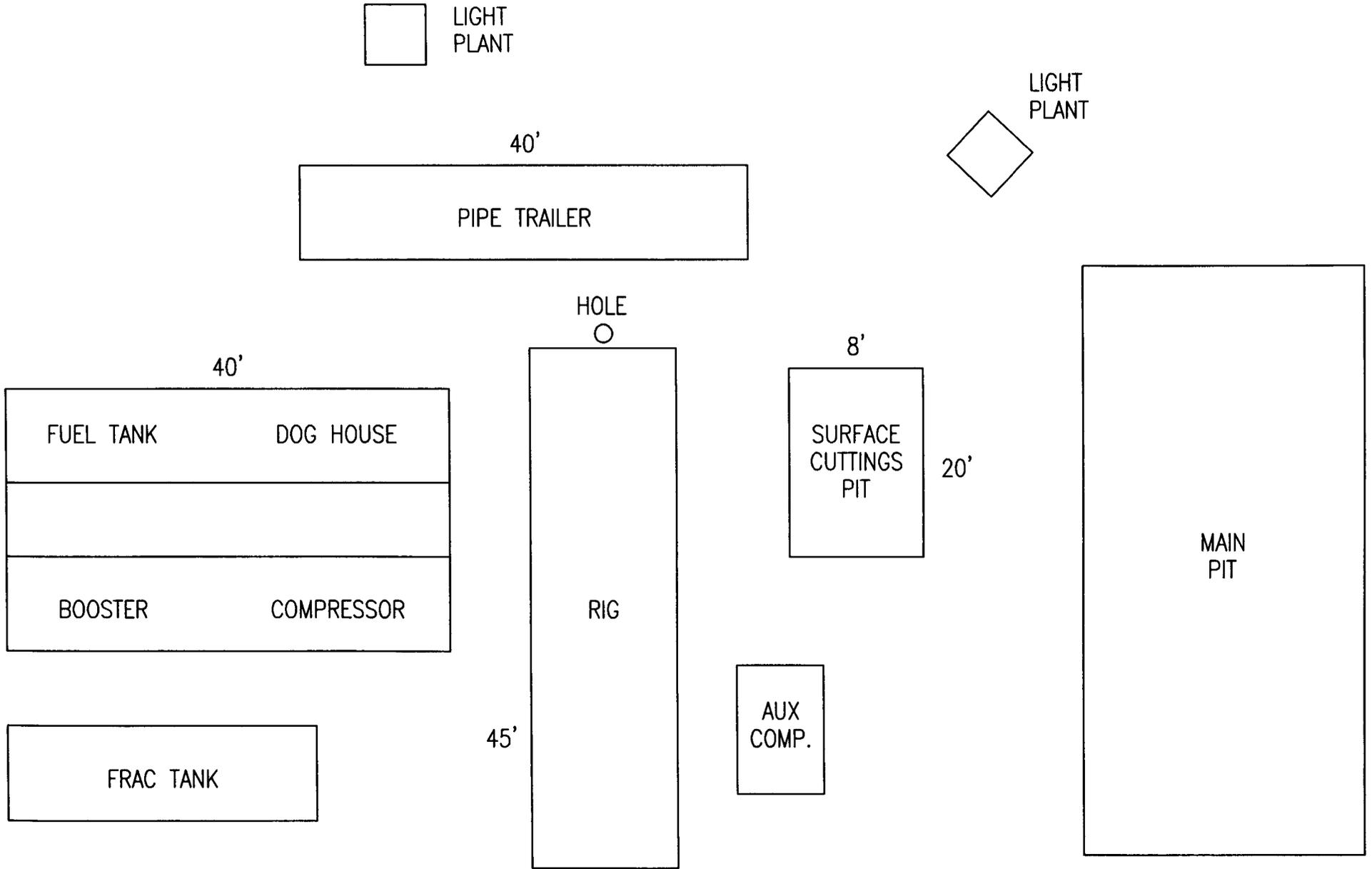
496000m E. 498000m E. 500000m E. 502000m E. 504000m E. 506000m E. 508000m E. NAD27 Zone 12S 513000m N.



TN ↑ MN  
12°

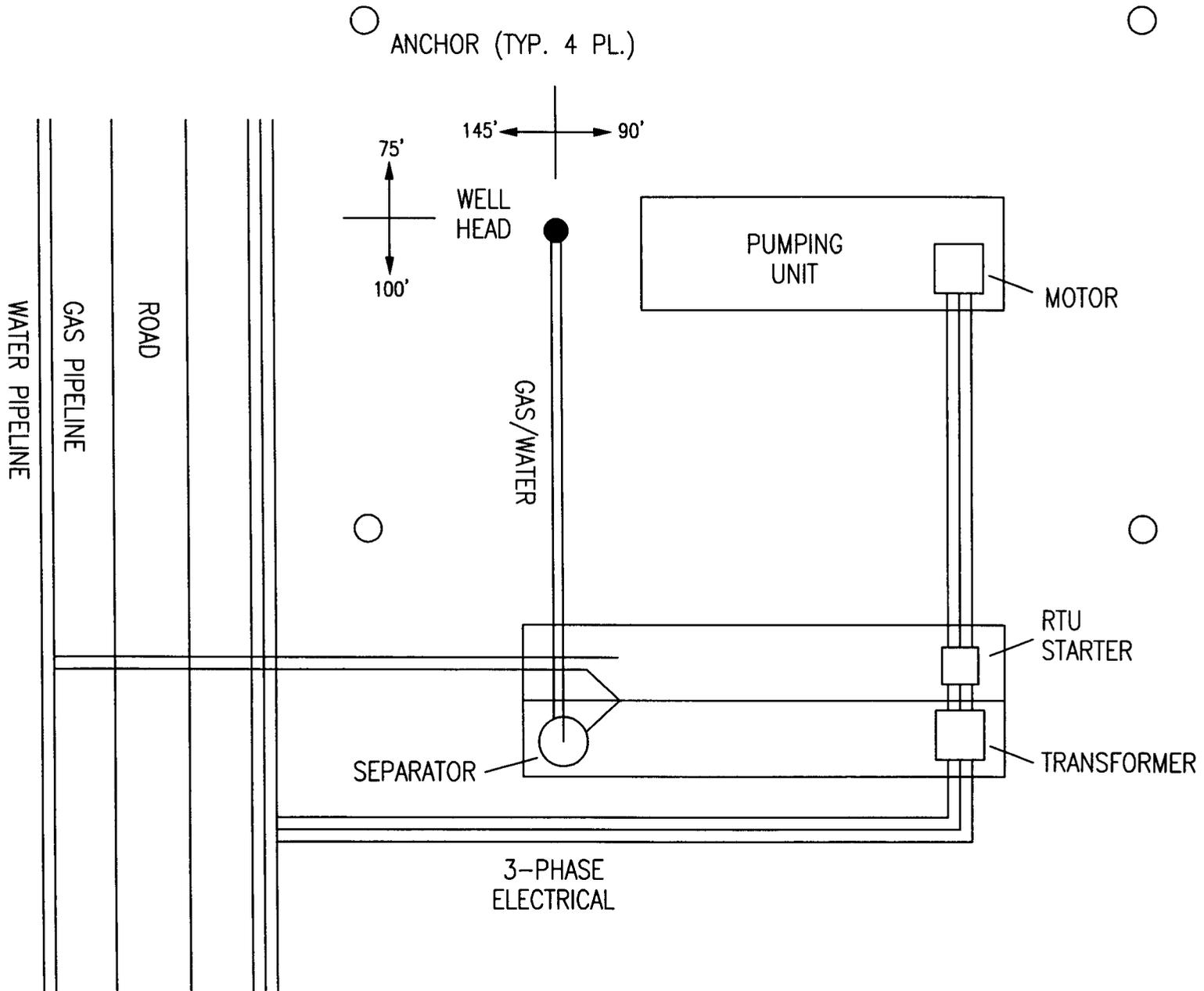
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

# APPROXIMATE LAYOUT OF RIG & EQUIPMENT

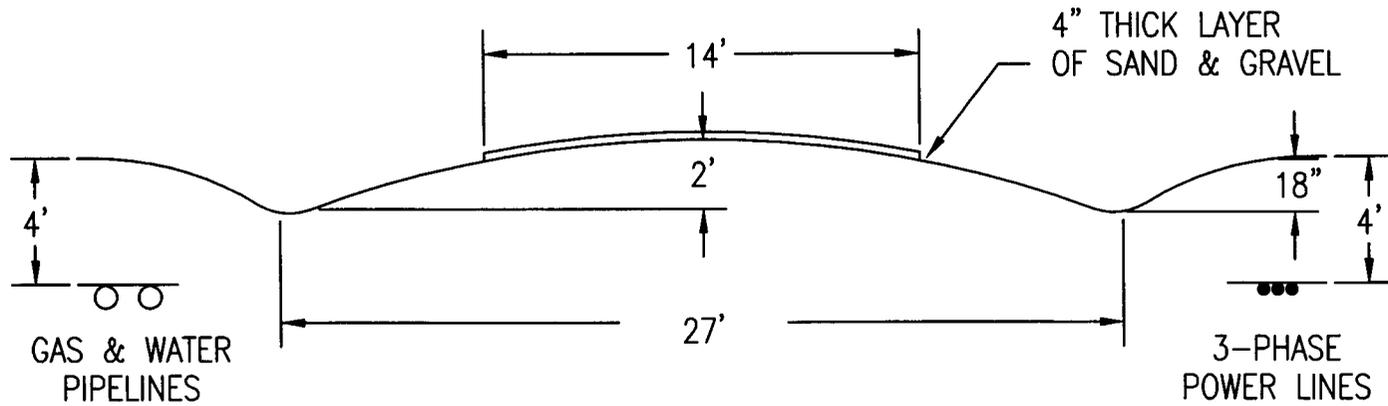


# CONOCOPHILLIPS COMPANY

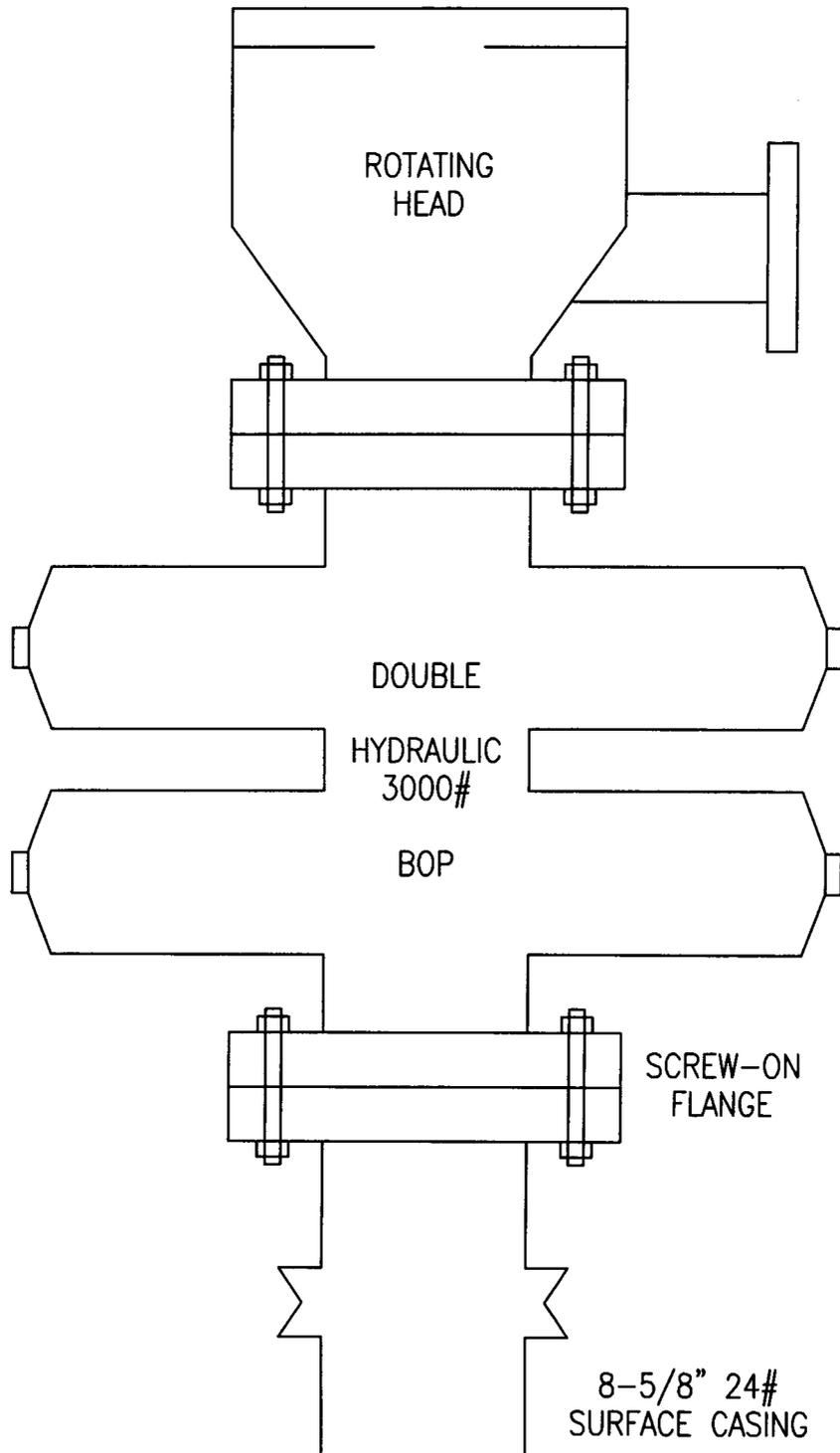
## WELL SITE LAYOUT (235' x 175')



TYPICAL ROAD CROSS-SECTION  
CONOCOPHILLIPS COMPANY



DIVERTER HEAD  
CONOCOPHILLIPS COMPANY

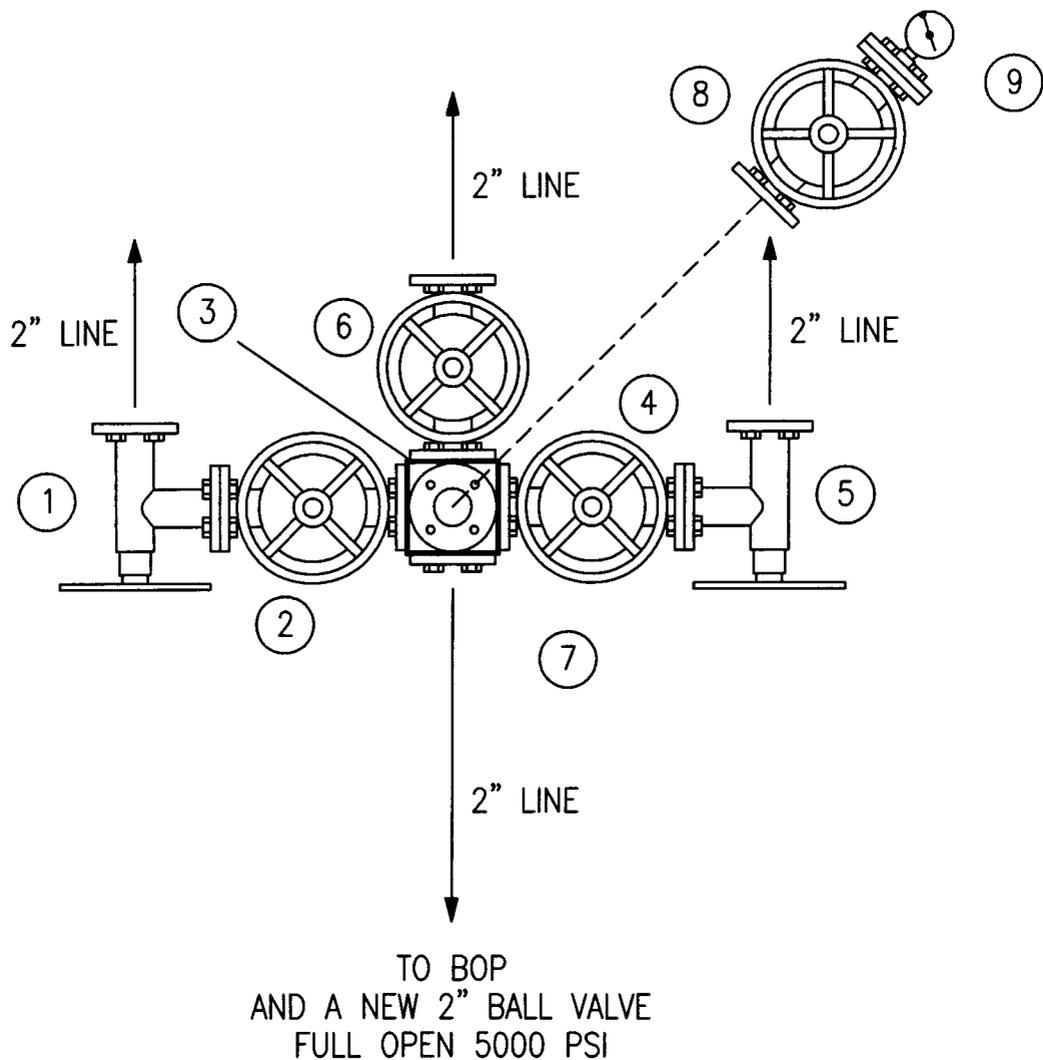


# CUNOCOPHILLIPS COMPANY

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDED 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 STUDED CROSS AND 3000# GAUGE.



## MANIFOLD

**EXHIBIT H**

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

FORM 4A

Bond No. 6196922

**SURETY BOND**

**KNOW ALL MEN BY THESE PRESENTS:**

That we (operator name) CONOCOPHILLIPS COMPANY as Principal,  
and

(surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized  
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100\*\*\*\*\* dollars (\$ 80,000.00 )  
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and  
benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and  
severally by these presents.

**THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS** the Principal is or will be engaged in the drilling, redrilling, deepening,  
repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of  
oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

Blanket Bond: To cover all wells drilled in the State of Utah  
  
 Individual Bond: Well No: \_\_\_\_\_  
Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
County: \_\_\_\_\_, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and  
requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells  
and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized  
officers and its corporate or notary seal to be affixed this

30th day of Dec, 20 02

(Corporate or Notary Seal here)  
  
Attestee: [Signature] Date: 12-30-02

CONOCOPHILLIPS COMPANY  
Principal (company name)  
By James F. Hughes Corporate Insurance  
Name (print) Title manager  
James F. Hughes  
Signature

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal  
to be affixed this

1ST day of JANUARY, 20 03

(Corporate or Notary Seal here)  
  
Carolyn E. Wheeler  
Attestee: [Signature] Date: 12/20/2002

SAFECO INSURANCE COMPANY OF AMERICA  
Surety Company (Attach Power of Attorney)  
By Jina Marie S  
Name (print) Title ATTORNEY IN FACT  
Jina Marie S  
Signature  
C/O MARSH USA, INC  
Surety Mailing Address  
P.O. BOX 36612, KNOXVILLE, TN 37936-6012  
City State Zip

CAROLYN E. WHEELER  
NOTARY PUBLIC  
MY COMMISSION EXPIRES: NOVEMBER 1, 2006  
(5/2002)

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/07/2006

API NO. ASSIGNED: 43-007-31149

WELL NAME: BIRKINSHAW 18-1037  
 OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )  
 CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

PROPOSED LOCATION:

NWSE 18 140S 090E  
 SURFACE: 1431 FSL 1373 FEL  
 BOTTOM: 1431 FSL 1373 FEL  
 COUNTY: CARBON  
 LATITUDE: 39.60457 LONGITUDE: -110.9516  
 UTM SURF EASTINGS: 504158 NORTHINGS: 4383662  
 FIELD NAME: DRUNKARDS WASH ( 48 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWJ	6/7/06
Geology		
Surface		

LEASE TYPE: 4 - Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: FRSD  
 COALBED METHANE WELL? YES

RECEIVED AND/OR REVIEWED:

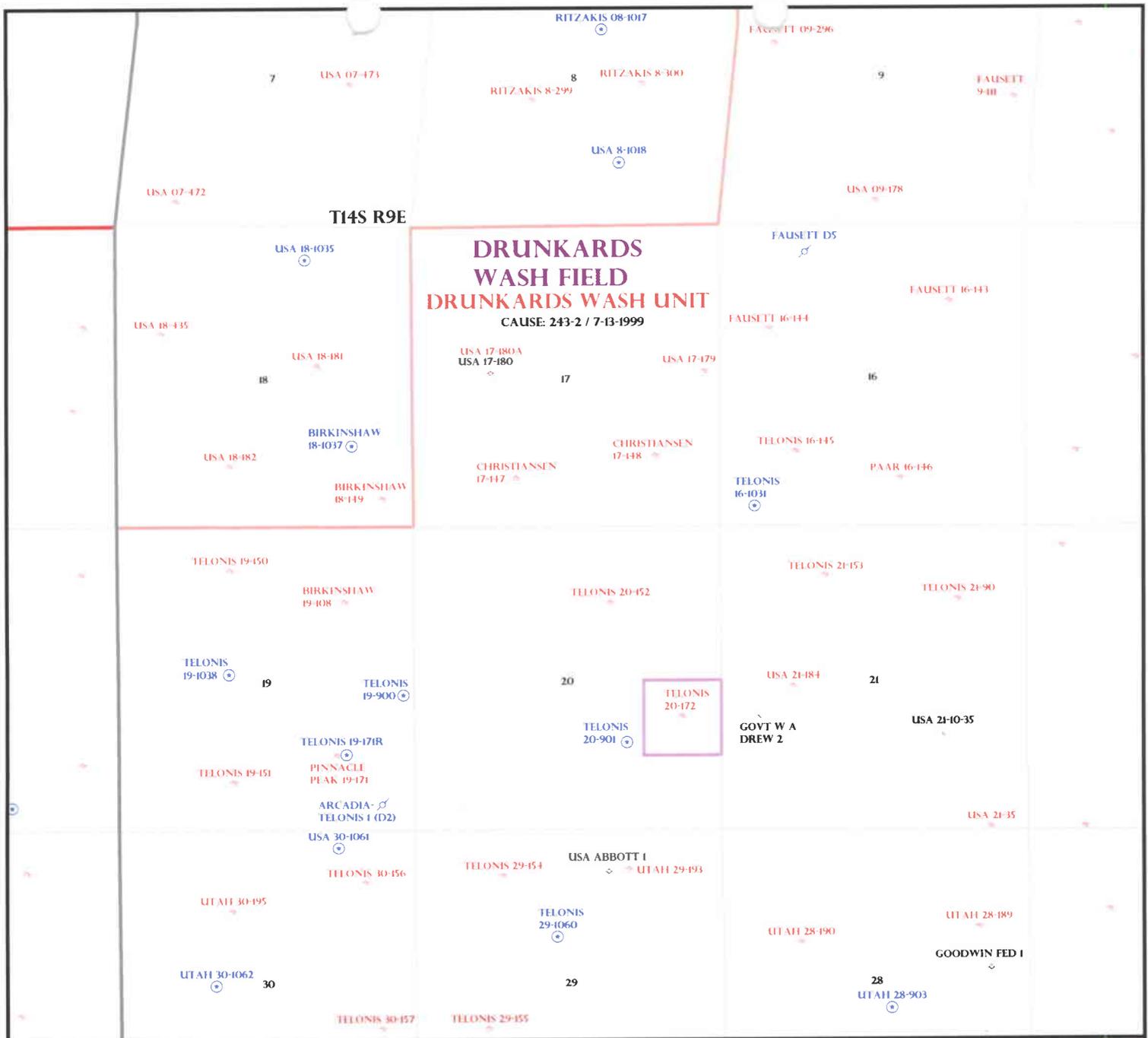
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 6196922 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.
- Unit: 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: 7-13-99  
Siting: 460' fr w/drg & uncomml. tract
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Pres. (05-09-06)

STIPULATIONS: 1 - STATEMENT OF BASIS



OPERATOR: CONOCOPHILLIPS CO (N2335)

SEC: 16,18,19 T. 14S R. 9E

FIELD: DRUNKARDS WASH (48)

COUNTY: CARBON

CAUSE: 243-2 / 7-13-1999

**Field Status**

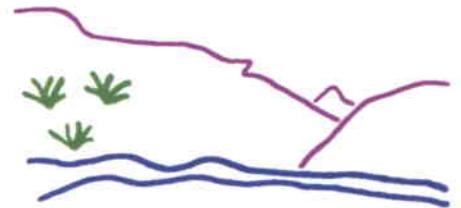
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

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

**Wells Status**

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 13-MARCH-2006

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

**OPERATOR:** ConocoPhillips Company  
**WELL NAME & NUMBER:** Birkenshaw 18-1037  
**API NUMBER:** 43-007-31149  
**LOCATION:** 1/4,1/4 NWSE Sec:18 TWP: 14 S RNG: 9 E 1341 FSL 1373 FEL

**Geology/Ground Water:**

A poorly to moderately permeable soil is developed on the Blue Gate Member of the Mancos Shale. The Garley Canyon Sandstone Beds of the Blue Gate Member of the Mancos Shale are likely to be present at this location. If the Garley Canyon Sandstone Beds are present (probable) and saturated (possible - standing water was found in upper Garley Canyon Sandstone Beds in Pinnacle Canyon, ~2 miles east), these strata should be included within the surface casing string. The operator is informed of the potential for saturated Garley Canyon Sandstone and will respond to protect the zones by extending the surface casing string as needed. Extending the proposed casing and cement will adequately isolate any shallow zones containing water. No aquifers with high quality ground water are likely to be encountered below the Garley Canyon Beds. The proposed casing and cement program will otherwise adequately isolate any water-bearing strata. No underground water rights have been filed within a mile of the location.

**Reviewer:** Christopher J. Kierst    **Date:** 5/18/2006

**Surface:**

Proposed location is ~7.2 miles west of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas field roads and County maintained roads. 500' of new access road will be built for this location. The direct area drains to the east into a tributary of Gordon Creek, then eastward eventually into the Price River, a year-round live water source. Dry washes run throughout the area. There are 17 producing, shut-in and/or PA wells, and 1 Salt-Water Disposal well is within a 1-mile radius of the above proposed well. Location layout, storm water drainage control, current surface status and characteristics, planned disturbances, access and utility route, and the reserve pit characteristics were all discussed. M. Jones (DOGGM), Jean Semborski, Deeanna Walker, and Norman Lee (ConocoPhillips), and Larry Jensen (NELCO), Bonnie Cappello and Betty Nealis (surface ownership) were in attendance. Carbon County was invited but chose not to attend the on-site inspection.

**Reviewer:** Mark L. Jones

**Date:** May 16, 2006

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

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

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

**OPERATOR:** ConocoPhillips Company  
**WELL NAME & NUMBER:** Birkenshaw 18-1037  
**API NUMBER:** 43-007-31149  
**LEASE:** Fee **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4,1/4 NWSE **Sec:** 18 **TWP:** 14S **RNG:** 9E 1341 **FSL** 1373 **FEL**  
**LEGAL WELL SITING:** 460' from unit boundary and uncommitted tracts.  
**GPS COORD (UTM):** X =504153 E; Y =4383664 N **SURFACE OWNER:** Birkenshaw Trust.

**PARTICIPANTS**

M. Jones (DOG M), Jean Semborski, Deeanna Walker, and Norman Lee (ConocoPhillips), and Larry Jensen (NELCO), Bonnie Cappello and Betty Nealis (surface ownership) were in attendance. Carbon County was invited but chose not to attend the on-site inspection.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is ~7.2 miles west of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas field roads and County maintained roads. 500' of new access road will be built for this location. The direct area drains to the east into a tributary of Gordon Creek, then eastward eventually into the Price River, a year-round live water source. Dry washes run throughout the area.

**SURFACE USE PLAN**

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

**PROPOSED SURFACE DISTURBANCE:** 175' x 235' w/ 50' x 50' x 10' (excluded) pit.

**LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS:** 17 producing, shut-in, disposal, and/or PA wells, are within a 1-mile radius of the above proposed well.

**LOCATION OF PRODUCTION FACILITIES AND PIPELINES:** On location and along roadway.

**SOURCE OF CONSTRUCTION MATERIAL:** Obtained locally and trucked to site.

**ANCILLARY FACILITIES:** None anticipated.

**WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN):** No.

**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: None.

FLORA/FAUNA: PJ, sagebrush, grass community.

SOIL TYPE AND CHARACTERISTICS: Sandy clay loam.

SURFACE FORMATION & CHARACTERISTICS: \_\_\_\_\_

EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.

PALEONTOLOGICAL POTENTIAL: None observed.

**RESERVE PIT**

CHARACTERISTICS: Dugout earthen, 50'x50'x10', exterior to location.

LINER REQUIREMENTS (Site Ranking Form attached): Required.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement.

SURFACE AGREEMENT: In negotiation at time of inspection.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by SencoPheonix.

**OTHER OBSERVATIONS/COMMENTS**

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

May 9, 2006 / 10:30 am  
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, consider criteria for excluding pit use.

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

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



State Online Services

Agency List

Business.utah.gov

Search Utah.gov

# UTAH DIVISION OF WATER RIGHTS

## Sorry. No diversion points. Try browsing!

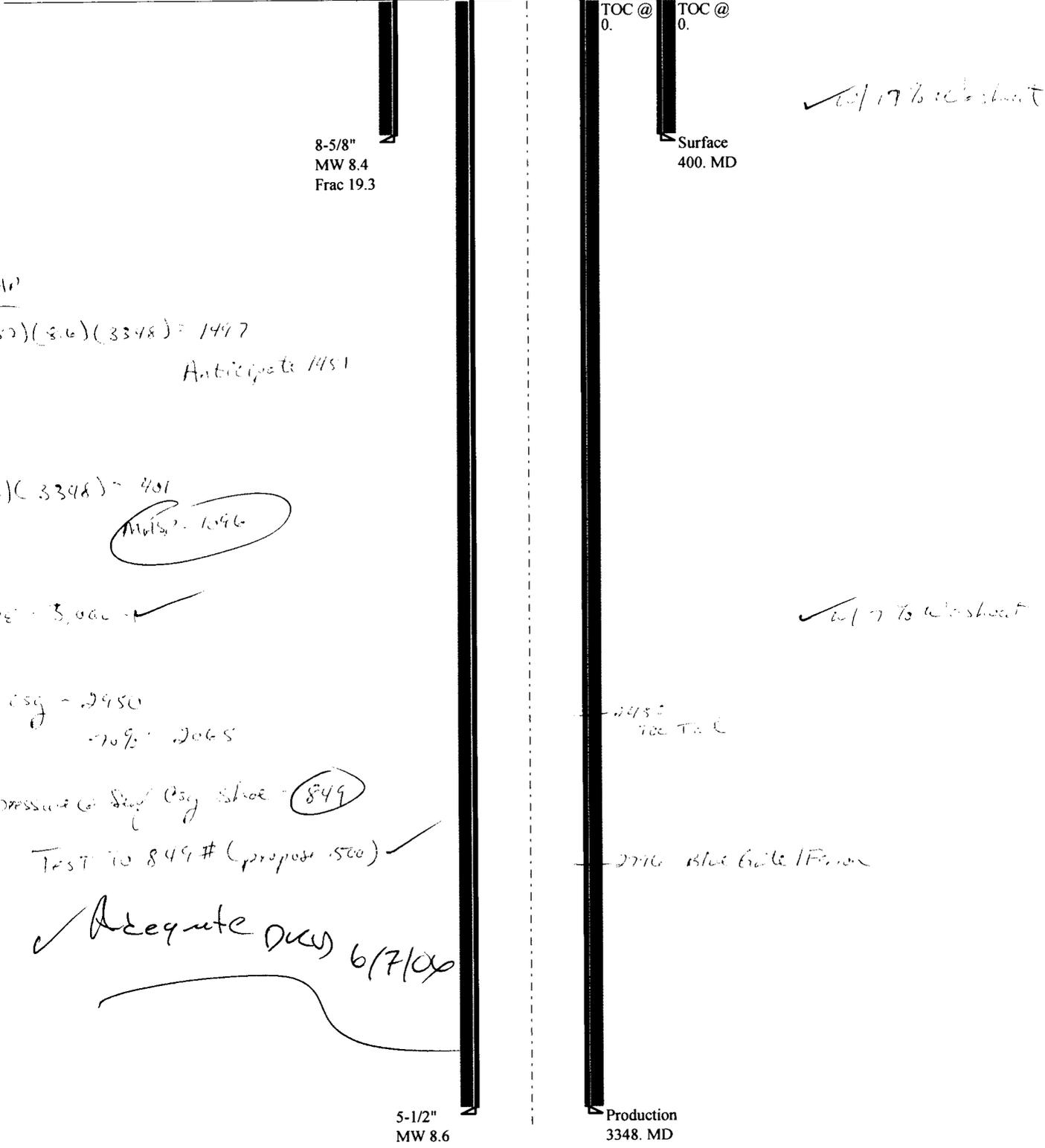
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

5-06 ConocoPhillips Birkinshaw 18-1037

Casing Schematic

17/10/05

Surface



BHP  
 $(6050)(3.6)(3348) = 1497$   
 Anticipate HSI

Gw  
 $(12)(3348) = 401$   
 MW 8.6

Bore - 3,000 ✓

Surf csg - 2450  
 70% 2065

Max pressure @ Surf csg shoe - 849  
 Test to 849# (propose 500) ✓  
 Adequate Dues 6/7/05

✓ w/ 17/10/05 sheet

✓ w/ 7/3/05 sheet

TOC @ 0.

Surface 400. MD

2450 TOC Tail

2716 Blue Gate/Ferron

5-1/2" MW 8.6

Production 3348. MD

Well name:	<b>05-06 ConocoPhillips Birkinshaw 18-1037</b>	
Operator:	<b>PhillipsConoco Company</b>	
String type:	Surface	Project ID: 43-007-31149
Location:	Carbon Co.	

**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: 185 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.447 psi/ft  
Calculated BHP 179 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
Neutral point: 349 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 3,348 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 1,496 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 400 ft  
Injection pressure 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	19.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	174	1370	7.853	179	2950	16.52	10	244	25.43 J

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

Date: May 22, 2006  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

Well name:	<b>05-06 ConocoPhillips Birkinshaw 18-1037</b>		
Operator:	<b>PhillipsConoco Company</b>		
String type:	Production	Project ID:	43-007-31149
Location:	Carbon Co.		

**Design parameters:**

**Collapse**

Mud weight: 8.600 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: 112 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 368 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.447 psi/ft  
 Calculated BHP 1,496 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
 Neutral point: 2,911 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	3348	5.5	17.00	N-80	LT&C	3348	3348	4.767	115.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1496	6290	4.205	1496	7740	5.17	57	348	6.11 J

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

Date: May 22, 2006  
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 3348 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes.  
 Burst strength is not adjusted for tension.

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



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 21, 2006

ConocoPhillips Company  
P O Box 851  
Price, UT 84501

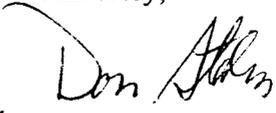
Re: Birkinshaw 18-1037 Well, 1431' FSL, 1373' FEL, NW SE, Sec. 18,  
T. 14 South, R. 9 East, Carbon County, Utah

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 43-007-31149.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: ConocoPhillips Company  
Well Name & Number Birkinshaw 18-1037  
API Number: 43-007-31149  
Lease: Fee

Location: NW SE                      Sec. 18                      T. 14 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 Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

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

FORM 9

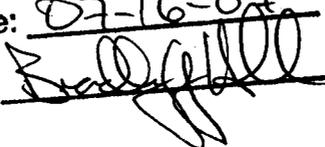
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>Drunkards Wash UTU-67921X</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Birkinshaw 18-1037</b>
2. NAME OF OPERATOR: <b>ConocoPhillips Company</b>		9. API NUMBER: <b>4300731149</b>
3. ADDRESS OF OPERATOR: P. O. Box 51810 CITY <b>Midland</b> STATE <b>TX</b> ZIP <b>79710-1810</b>	PHONE NUMBER: <b>(432) 688-6943</b>	10. FIELD AND POOL, OR WILDCAT: <b>Drunkards Wash</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1431' FSL and 1373' FEL</b>		COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 18 14S 9E</b>		STATE: <b>UTAH</b>

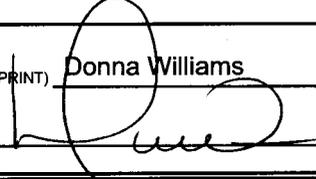
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>8/21/2007</u>	<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>APD Renewal</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.  
 ConocoPhillips Company respectfully requests that the approval of the Application for Permit to Drill for the referenced well be extended. The current approval expires August 21, 2007.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-16-07  
By: 

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE 	DATE <u>7/12/2007</u>

(This space for State use only)

7-17-07  
PM

**RECEIVED**  
**JUL 16 2007**

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

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

**API:** 43-007-31149  
**Well Name:** Birkinshaw 18-1037  
**Location:** NWSE Sec 18, 14S, 9E, Carbon County  
**Company Permit Issued to:** ConocoPhillips Company  
**Date Original Permit Issued:** 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

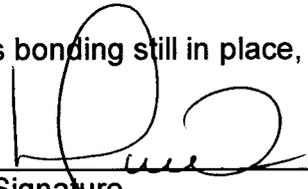
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
\_\_\_\_\_  
Signature

7/12/2007

\_\_\_\_\_  
Date

**Title:** Sr. Regulatory Specialist

**Representing:** ConocoPhillips Company

**RECEIVED  
JUL 16 2007**

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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: Fee
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P. O. Box 51810 CITY Midland STATE TX ZIP 79710-1810		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1431' FSL and 1373' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 14S 9E		8. WELL NAME and NUMBER: Birkinshaw 18-1037
PHONE NUMBER: (432) 688-6943		9. API NUMBER: 4300731149
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: <u>7/16/2008</u>	<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>APD Renewal</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.  
ConocoPhillips Company respectfully requests that the approval of the Application for Permit to Drill for the referenced well be extended. The current approval expires July 16, 2008.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 06-18-08  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 6.19.2008  
Initials: KS

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>6/12/2008</u>

**RECEIVED**  
**JUN 16 2008**

DIV. OF OIL, GAS & MINING



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

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

**API:** 43-007-31149  
**Well Name:** Birkinshaw 18-1037  
**Location:** NWSE Sec 18, R14S, T9E, Carbon County  
**Company Permit Issued to:** ConocoPhillips Company  
**Date Original Permit Issued:** 8/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

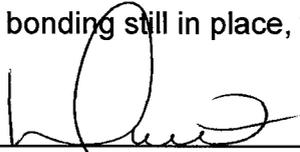
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
\_\_\_\_\_  
Signature

6/12/2008  
\_\_\_\_\_  
Date

**Title:** Sr. Regulatory Specialist

**Representing:** ConocoPhillips Company

**RECEIVED**

**JUN 16 2008**

**DIV. OF OIL, GAS & MINING**

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: CONOCOPHILLIPS COMPANY

Well Name: BIRKINSHAW 18-1037

Api No: 43-007-31149 Lease Type: FEE

Section 18 Township 14S Range 09E County CARBON

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

**SPUDDED:**

Date 07/11/08

Time 9:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by MIKE JOHNSON

Telephone # (307) 851-5824

Date 07/11//08 Signed CHD

**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>Fee</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>
1. TYPE OF WELL    OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: <b>Drunkards Wash UTU-67921X</b>
2. NAME OF OPERATOR: <b>ConocoPhillips Company</b>			8. WELL NAME and NUMBER: <b>Birkinshaw 18-1037</b>
3. ADDRESS OF OPERATOR: P. O. Box 51810    CITY <b>Midland</b> STATE <b>TX</b> ZIP <b>79710</b>		PHONE NUMBER: <b>(432) 688-6943</b>	9. API NUMBER: <b>4300731149</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1431' FSL and 1373' FEL</b>			10. FIELD AND POOL, OR WILDCAT: <b>Drunkards Wash</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 18 14S 9E</b>			COUNTY: <b>Carbon</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 <small>(Submit in Duplicate)</small>  Approximate date work will start:  <hr/>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Spud Well</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>  Date of work completion: <b>7/12/2008</b>			

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

7/12/2008 MIRU, drill 20" hole to 39.9'.  
 7/13/2008 Drill to 44.9'. Set 13 3/8", 48#, H-40 conductor casing @ 44.9', cement w/8 sacks ready mix cement.

RECEIVED

JUL 17 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE	DATE <u>7/17/2008</u>

(This space for State use only)

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

FORM 6

ENTITY ACTION FORM

Operator: ConocoPhillips Company Operator Account Number: N 2335  
Address: P. O. Box 51810  
city Midland  
state TX zip 79710 Phone Number: (432) 688-6943

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731149	Birkinshaw 18-1037		NWSE	18	14S	9E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	11256	7/12/2008			7/30/08	
Comments: <u>FRSD</u>							<b>CONFIDENTIAL</b>

Well 2

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

Well 3

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

ACTION CODES:

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

Donna Williams

Name (Please Print)

Signature

Sr. Regulatory Specialist

Title

7/17/2008

Date

RECEIVED

JUL 17 2008

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: ConocoPhillips Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P. O. Box 51810 CITY Midland STATE TX ZIP 79710		PHONE NUMBER: (432) 688-6943	7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1431' FSL and 1373' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 14S 9E			8. WELL NAME and NUMBER: Birkinshaw 18-1037
			9. API NUMBER: 4300731149
			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: 7/25/2008	<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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

As per my discussion with Dustin Doucet, ConocoPhillips Company respectfully requests approval to amend the cement program on the 5 1/2" production casing as follows:

It is our intent to cement the production string pumping a single stage cement job: Lead w/210 sxs Litecrete + .5% D65 + .2% D46 + .15% D167 + 2% D53 + .1% D13 (9.9 ppg/2.36 cu ft/sx: Estimated TOC @ surface). Tail w/120 sxs 50:50 Poz Class G + 2% D20 + .2% D65 + .1% D46 + .2% D167 + .125 pps D130 (14.1 ppg/1.31 cu ft/sx: Estimated TOC 250' above top of Ferron Coal). If during the drilling of the production hole, operations and hole conditions indicate the need to pump a two stage cement job, then it is our intent to utilize a DV tool for this operation.

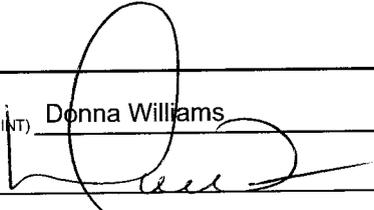
COPY SENT TO OPERATOR

Date: 8.6.2008

Initials: KS

NAME (PLEASE PRINT) Donna Williams

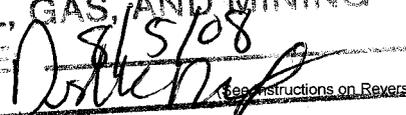
TITLE Sr. Regulatory Specialist

SIGNATURE 

DATE 7/22/2008

(This space for State use only)

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

DATE 8/5/08  
BY: 

(5/2000)

RECEIVED

JUL 25 2008

DIV. OF OIL, GAS & MINING

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

**CONFIDENTIAL**

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Birkinshaw 18-1037	
2. NAME OF OPERATOR: ConocoPhillips Company		9. API NUMBER: 4300731149
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710	PHONE NUMBER: (432) 688-6943	10. FIELD AND POOL, OR WLDLOCAT: Drunkards Wash
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1431' FSL & 1373' FEL  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 14S 9E		COUNTY: Carbon  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/31/2008	<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
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	<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: TD well
	<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.

7/26-31/08: Drilled to 403.69' and ran 8 5/8" 24# casing and set at 403'. Cement w/185 bbls G neat cmt. Circulated to surface. Continued drilling to TD of 3360'. Ran 5 1/2" 17# M80 LTC casing and set at 3350.9'. Cemented w/100 bbls lead litecrete 9.6# 2.36 yield 7.98 gl/sk and 225 sxs 50 bbl tail 50/50 Poz 14.1# 1.29 yield 5.96 gal/sk and 195 1 ppb of cement. Full returns. Rig released on 7/31/2008.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE	DATE 8/5/2008

(This space for State use only)

**RECEIVED**  
**AUG 07 2008**

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Birkinshaw 18-1037
2. NAME OF OPERATOR: ConocoPhillips Company		9. API NUMBER: 4300731149
3. ADDRESS OF OPERATOR: P.O. Box 51810	CITY Midland STATE Tx ZIP 79710	PHONE NUMBER: (432) 688-6943
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1431 FSL & 1373 FEL		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 18 14S 9E		COUNTY: Carbon
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 11/11/2008	<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>First Sales</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above well had first sales on November 11, 2008. The well is making 2 mcf and 3 bbls water.

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE	DATE <u>11/19/2008</u>

(This space for State use only)

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# CONFIDENTIAL

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

AMENDED REPORT  FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:  
ConocoPhillips Company

3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE TX ZIP 79710  
PHONE NUMBER: (423) 688-6943

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 1431 FSL & 1373 FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Fee

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

7. UNIT or CA AGREEMENT NAME  
Drunkards Wash

8. WELL NAME and NUMBER:  
Birkinshaw 18-1037

9. API NUMBER:  
4300731149

10. FIELD AND POOL, OR WILDCAT  
Drunkards Wash

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NWSE 18 14S 9E

12. COUNTY  
Carbon

13. STATE  
UTAH

14. DATE SPUNDED: 7/12/2008  
15. DATE T.D. REACHED: 7/31/2008  
16. DATE COMPLETED: 11/7/2008  
ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
6373.1 GR

18. TOTAL DEPTH: MD 3,360  
TVD

19. PLUG BACK T.D.: MD 3,295  
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)  
DLGR, CNGR  
DIG, GR, CD, CN

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
20	13 3/8	48	0	45		RM sxs 8		Surface	
11	8 5/8	24	0	403		G neat 185		Surface	
7 7/8	5 1/2	17	0	3,351		litcrete 100		Surface	
						50/50 225			

### 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	3,071							

### 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Ferron	2,803	2,967		
(B)				
(C)				
(D)				

### 27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
2,803 2,817	3		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
2,963 2,967	4		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
2803-2817	F w/42000# 16/30 premium white sand + 17539 gls 3% KCl
2963-2967	F/w10500 gls 3% KCl + 564 gls 15% HCl. Frac Problems. Set up to refrac perms
	F w/8100# 16/30 premium white sand + 1037 bbls 3% KCl

### 29. ENCLOSED ATTACHMENTS:

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

### 30. WELL STATUS:

Producing

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/11/2008		TEST DATE: 11/11/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2	WATER - BBL: 3	PROD. METHOD: Pumping
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: Open

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (include Aquifers):

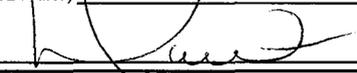
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				T/Bluegate	2,601
				T/Ferron	2,776
				T/Coal	2,802
				B/Coal	2,968
				T/Tununk	3,092

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) Donna Williams TITLE Sr. Regulatory Specialist  
 SIGNATURE  DATE 12/23/2008

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