

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD FEB 13 '08

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079047	
1b. Type of Well GAS	Unit Reporting Number NMNM-119354-DK NMNM-119355-MV	
2. Operator ConocoPhillips	6. If Indian, All. or Tribe	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 32-8 Unit	
4. Location of Well Unit L, 1527' FSL & 989' FWL Latitude 36° 90857'N Longitude 107° 65053'W	8. Farm or Lease Name 9. Well Number #18N 10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 11, T31N, R8W API # 30-045-34588	
14. Distance in Miles from Nearest Town 25 miles/Blanco, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 989'	17. Acres Assigned to Well MV/DK 320 - (W/2)	
16. Acres in Lease 880.0 acres	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease	
19. Proposed Depth 8160'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6642'	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS	
24. Authorized by: <u>Patsy Clugston</u> Patsy Clugston, Regulatory Specialist	Date <u>2/12/08</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOCDB

FEB 14 2008

AV

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045 - 34588

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

USA SF-079047

7. Lease Name or Unit Agreement Name

San Juan 32-8 Unit

8. Well Number

#18N

9. OGRID Number

217817

10. Pool name or Wildcat

Basin DK/Blanco MV

SUNDY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

ConocoPhillips

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter L

:

1527'

feet from the

South

line and

989'

feet from the

West

line

Section 11

Township 31N

Rng 8W

NMPM

County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6642'

Pit or Below-grade Tank Application

or Closure ☐

Pit type New Drill

Depth to Groundwater

>100'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

200-1000

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume 4400

bbbs;

Construction Material

Synthetic

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPL ☐

OTHER:

New Drill

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

ConocoPhillips proposes to construct a new drilling pit and an associated vent/flame pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flame pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Sasha Spangler

TITLE

Regulatory Technician

DATE

1-9-08

Type or print name

Sasha Spangler

E-mail address:

spangas@conocophillips.com

Telephone No.

505-326-9568

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY

TITLE

DATE

FEB 14 2008

Conditions of Approval (if any):

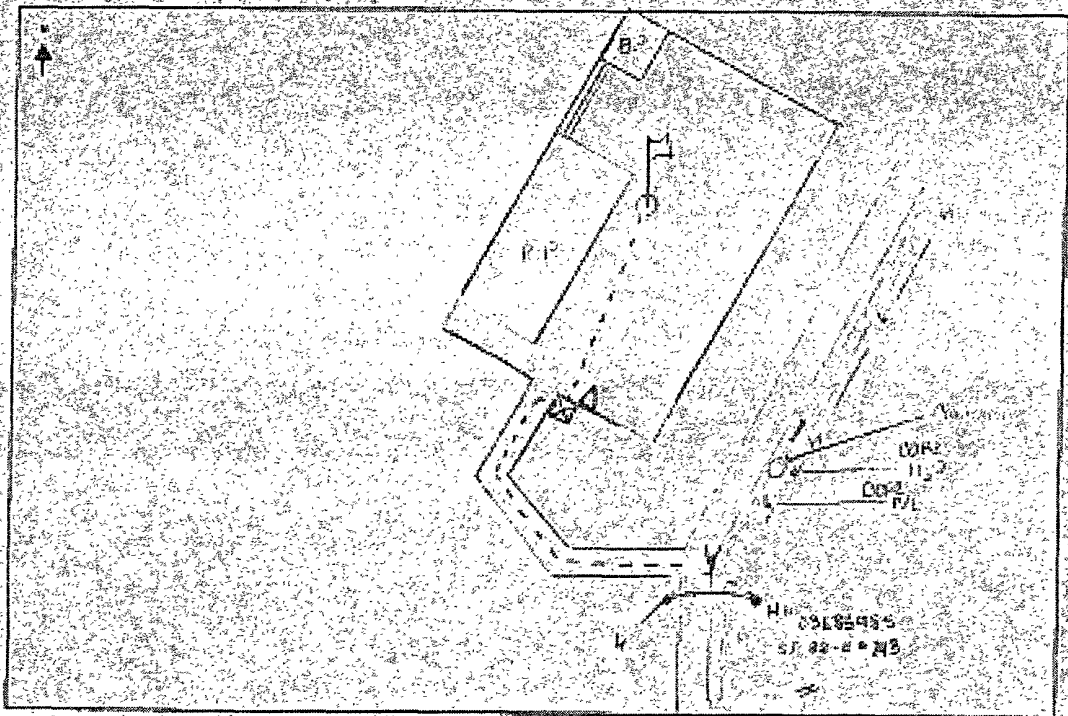


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME 33-32-5 #1A LEGALS L-11-31-8 COUNTY Santa Fe

PURPOSED C.P. SYSTEM: Will be installed on the new well to protect the well casing and tubing from corrosion. The system will be installed on the well casing and tubing and will be connected to the wellhead.



COMMENTS: possible leakage of oil from the wellhead.

NEAREST POWER SOURCE Oilfield A.C. 110V 60Hz 100A DISTANCE: 450'

PIPELINES IN AREA: None

TECHNICIAN: John J. [Signature] DATE: 11/1/87

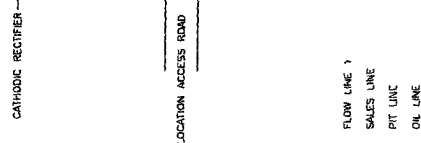
PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 18N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7394			AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 301		State: NM	County: SAN JUAN	API #:
Geologist:		Phone:		Geophysicist:		Phone:
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:		Phone:
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:		Phone:
Primary Objective (Zones):						
Zone	Zone Name					
RON	BLANCO MESAVERDE (PRORATED GAS)					
FRR	BASIN DAKOTA (PRORATED GAS)					
Location: Surface Datum Code: NAD 27 Strait Hole:						
Latitude: 36.908566		Longitude: -107.649918		X:	Y:	Section: 11 Range: 008W
Footage X: 989 FWL		Footage Y: 1527 FSL		Elevation: 6642 (FT)	Township: 031N	
Tolerance:						
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6654 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6454	<input type="checkbox"/>			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 159 cubic ft. Circulate cement to surface.
OJO ALAMO	2194	4460	<input type="checkbox"/>			
KIRTLAND	2301	4353	<input type="checkbox"/>			
FRUITLAND	3029	3625	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3527	3127	<input type="checkbox"/>			
LEWIS	3749	2905	<input type="checkbox"/>			
Intermediate Casing	3849	2805	<input type="checkbox"/>			8-3/4" hole. 7", 20 ppf, J-55, STC casing. Cement with 867 cubic ft. Circulate cement to surface.
HUERFANITO BENTONITE	4304	2350	<input type="checkbox"/>			
CHACRA	4694	1960	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	5449	1205	<input type="checkbox"/>	800		Gas
MENEFEE	5539	1115	<input type="checkbox"/>			
MASSIVE POINT LOOKOUT	5851	803	<input type="checkbox"/>			
MANCOS	6201	453	<input type="checkbox"/>			
UPPER GALLUP	7159	-505	<input type="checkbox"/>			
GREENHORN	7884	-1230	<input type="checkbox"/>			
GRANEROS	7927	-1273	<input type="checkbox"/>			
TWO WELLS	8024	-1370	<input type="checkbox"/>	2600		Gas
PAGUATE	8044	-1390	<input type="checkbox"/>			
UPPER CUBERO	8057	-1403	<input type="checkbox"/>			
LOWER CUBERO	8084	-1430	<input type="checkbox"/>			
ENCINAL	8148	-1494	<input type="checkbox"/>			
Total Depth	8160	-1506	<input type="checkbox"/>			6-1/4" hole. 4-1/2", 10.6/11.6 ppf, J-55, STC/LTC casing. Cement with 587 cubic ft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:						
Reference Type	Well Name		Comments			



5 OF 5 SHEETS

SEC 54-251 2 6 4 FOR PIPING DETAILS

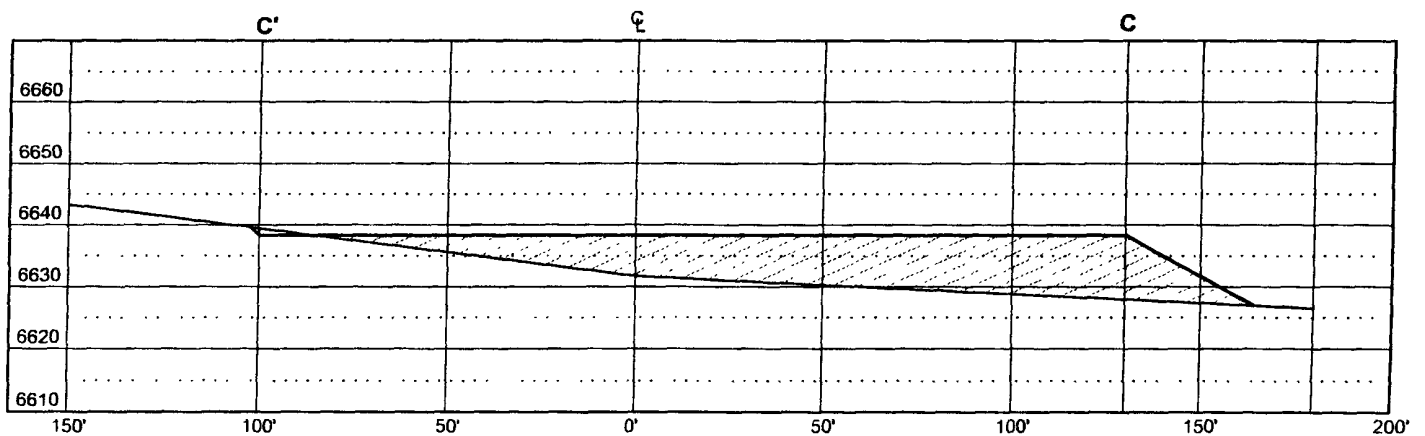
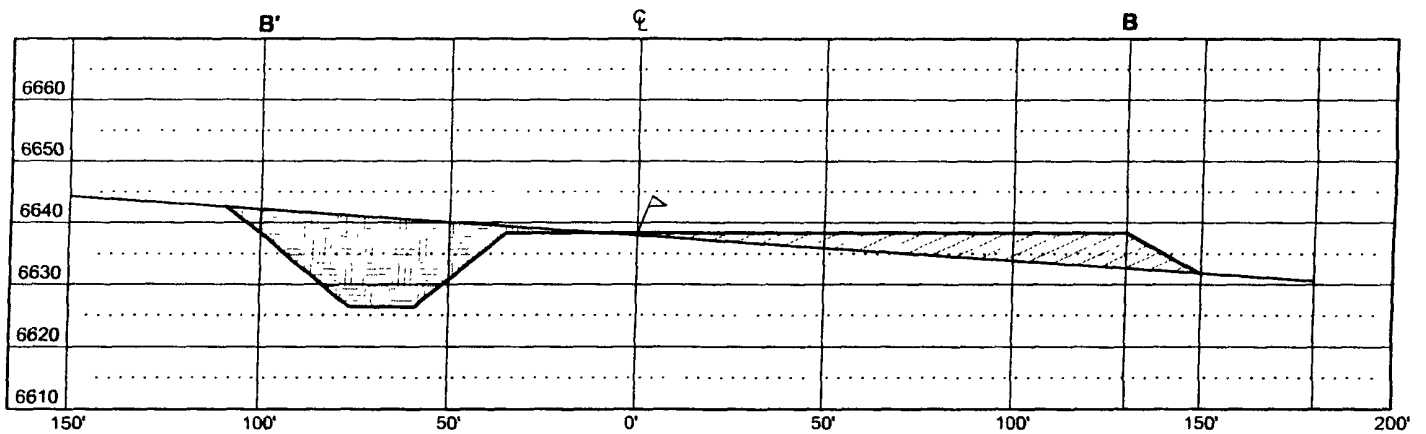
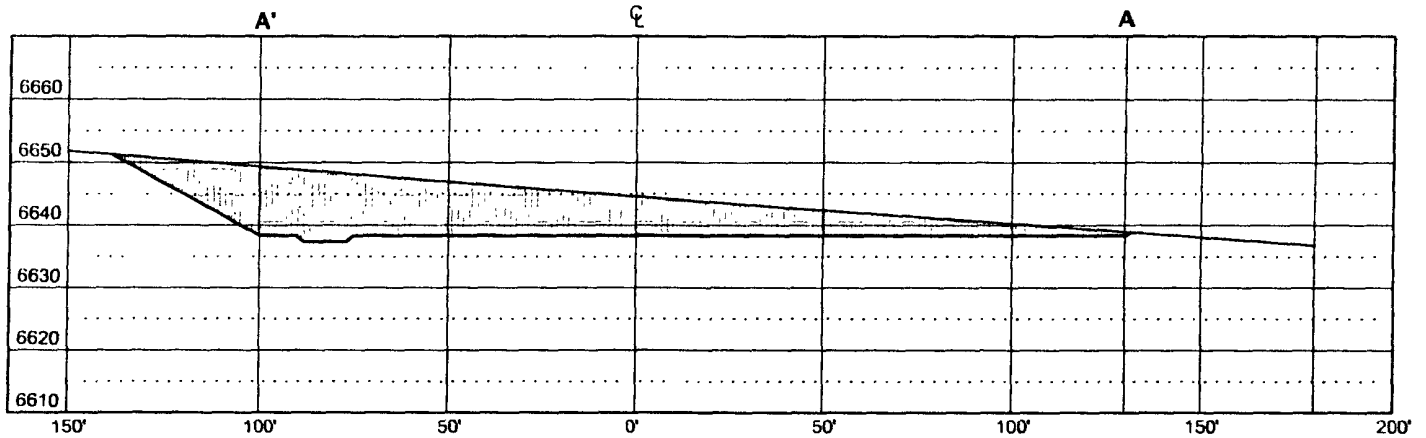
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Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-2637



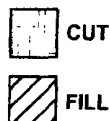
LATITUDE: 36.90857°N
LONGITUDE: 107.65053°W
DATUM: NAD 83

CONOCO PHILLIPS, COMPANY
SAN JUAN 32-8 UNIT #18 N
1527' FSL & 989' FWL
LOCATED IN THE NW/4 SW/4 OF SECTION 11,
T31N, R8W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6642', NAVD 88
FINISHED PAD ELEVATION: 6642.2', NAVD 88



THIS DIAGRAM IS AN ESTIMATE OF DIRT BALANCE AND IS NOT INTENDED TO BE AN EXACT MEASURE OF VOLUME

VERT. SCALE: 1" = 30'
HORZ. SCALE: 1" = 50'
JOB No.: COPC115
DATE: 10/18/07



RXS
Russell Surveying
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