

Submit 3 Copies To Appropriate District Office

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

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
March 4, 2004

WELL API NO. 30-045-33653
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Hoodoo
8. Well Number 2S
9. OGRID Number 14538
10. Pool name or Wildcat Basin Fruitland Coal

SUNDRY 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 ☐

Burlington Resources

4. Well Location

Unit Letter P : 660 feet from the South line and 660 feet from the East line

Section 16 Township 25N Range 13W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6388'

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 COMPLETION ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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.

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 ☐.

Burlington Resources would like to do a Horizontal drill on this well.

RCVD AUG 22 '07

Attached is the new drilling plan and horizontal drill survey.

OIL CONS. DIV.
DIST. 3

SIGNATURE Rhonda Rogers TITLE Regulatory Technician DATE 8/21/07

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com Telephone No. 505-599-4018

(This space for State use)

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE SEP 10 2007

Conditions of approval, if any:

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

HOLD 0104 FOR Directional Survey
"As drilled" C-102

8

Hoodoo 2S

Directional Plan (Plan No. 1) accompanies this document

GL 6288'

KB 6303' (assumes Aztec 777)

		MD ft	TVD ft	
<u>surface location:</u>	T25N, R13W, Section 16, 660' FSL, 660' FEL	-----	-----	
<u>top of productive interval</u>	T25N, R13W, Section 16, 741' FSL, 2248' FEL	1758	1146	also 7" casing depth, see below
<u>bottom of productive interval</u>	T25N, R13W, Section 16, 860' FSL, 1876' FWL	3556	1134	also total depth & 4-1/2" casing depth, see below

Hole Size	Csg OD	MD ft	TVD ft	BOPs	mud program
12-1/4"	9-5/8"	200	200		viscosifier to clean hole
8-3/4"	7"	1758	1146	installed, as submitted with APD	viscosifier to clean hole, low FL for shale control
6-1/4"	4-1/2"	3556	1134	installed, as submitted with APD	viscosifier to clean hole, brine for density

12-1/4" Hole, 9-5/8" Casing at 200' MD, 200' TVD

casing description: 9-5/8" 32.2 #/ft, H-40, STC

cementing program: Cement to surface with 176 ft3 (includes 150% excess), mixed at 15.2x ppg with calcium chloride to accelerate, compressive strength 500 psi after 8 hours.

Alternatively, hole size may be 13-1/2" and in this event, cement volume would be adjusted accordingly.

centralizers: one at 10' above shoe and one on each casing collar.

8-3/4" Hole & 7" Casing at 1758' MD & 1146' TVD

casing description: 7" 23#/ft, L-80, LTC

cementing program: Cement to surface with 484 ft3 (volume includes 100% excess), to consist of 324 ft3 lead slurry mixed at 11.7 ppg and 160 ft3 tail slurry mixed at 13.5 ppg. Slurries are extended to achieve stated densities and may include various additives to control seepage. TOC for tail is for 500' fill.

centralizers: one at 10' above shoe; one at 30' above shoe; one at 10' above float collar and one each on casing collars of 2nd, 3rd, 4th and 5th joints.

6-1/4" Hole & 4-1/2" Liner at 3556' MD & 1134' TVD

open hole interval length 1798', liner length = 1898' with 100' MD overlap and TOL @ 1658' MD

casing description: 4-1/2" 11.6#/ft, L-80, BTC

uncemented, pre-drilled and plugged with two holes per joint



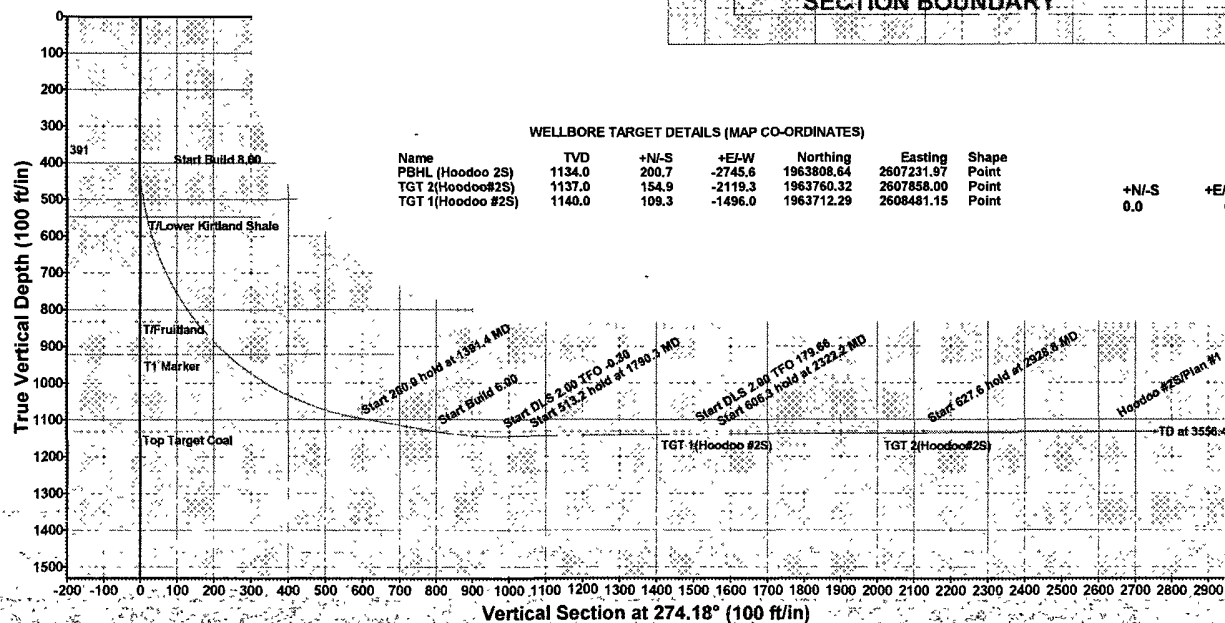
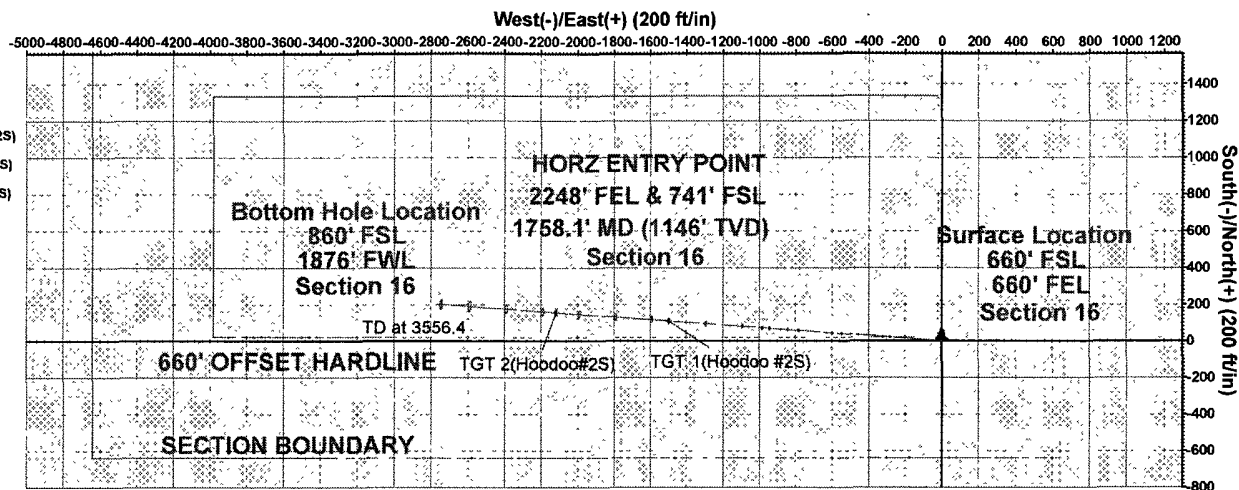
Project: San Juan Co, NM
Site: Sec 16, T25N, R13W
Well: Hoodoo #2S
Wellbore: OH
Plan: Plan #1 (Hoodoo #2S/OH)

PATHFINDER
ENERGY SERVICES

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	391.4	0.00	0.00	391.4	0.0	0.0	0.00	0.00	0.0	
3	1391.4	80.00	274.18	1096.7	43.2	-590.3	8.00	274.18	591.8	
4	1591.4	80.00	274.18	1131.4	57.5	-786.7	0.00	0.00	788.8	
5	1758.1	90.00	274.18	1146.0	69.6	-952.1	6.00	0.00	954.6	
6	1790.3	90.64	274.18	1145.8	72.0	-984.2	2.00	-0.30	986.8	
7	2303.5	90.64	274.18	1140.0	109.3	-1496.0	0.00	0.00	1500.0	TGT 1(Hoodoo #2S)
8	2322.2	90.27	274.18	1139.9	110.7	-1514.7	2.00	179.66	1518.8	
9	2928.5	90.27	274.18	1137.0	154.9	-2119.3	0.00	0.00	2125.0	TGT 2(Hoodoo#2S)
10	2928.8	90.27	274.19	1137.0	154.9	-2119.7	2.00	0.00	2125.3	
11	3556.4	90.27	274.19	1134.0	200.7	-2745.6	0.00	0.00	2752.9	PBHL (Hoodoo 2S)

Vertical Section Azimuth of 274.18° is referenced to True North and was obtained from survey plat provided by customer.
Section Boundaries Calculated From Surveyors Coordinates.



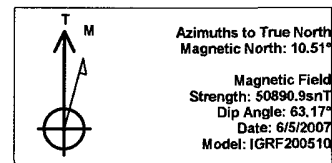
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL (Hoodoo 2S)	1134.0	200.7	-2745.6	1963808.64	2607231.97	Point
TGT 2(Hoodoo#2S)	1137.0	154.9	-2119.3	1963760.32	2607858.00	Point
TGT 1(Hoodoo #2S)	1140.0	109.3	-1496.0	1963712.29	2608481.15	Point

WELL DETAILS: Hoodoo #2S

Ground Elevation: 6288.0
RKB Elevation: WELL @ 6303.0ft (Original Well Elev)
Rig Name: Original Well Elev

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
	0.0	0.0	1963597.00	2609976.71	36° 23' 44.862 N	108° 13' 3.655 W	



PROJECT DETAILS: San Juan Co, NM

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level

Plan: Plan #1 (Hoodoo #2S/OH)
Created By: Matt Routh Date: 9:55, June 06 2007



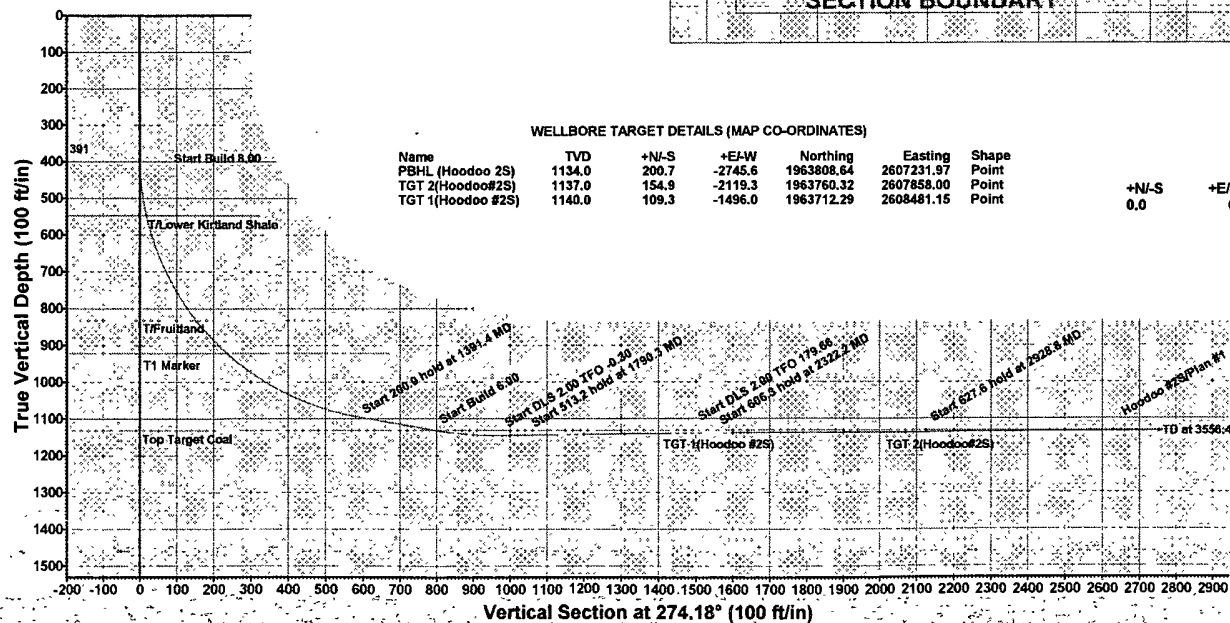
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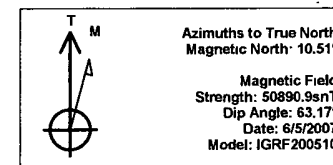
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