

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Permit 32311

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL API NUMBER
30-025-37431

5. Indicate Type of Lease
S

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
VACUUM ABO UNIT

8. Well Number
024

9. OGRID Number
217817

10. Poolname or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFRENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:O

2. Name of Operator
CONOCOPHILLIPS COMPANY

3. Address of Operator
PO BOX 2197 WL3 6106 , HOUSTON , TX 77252

4. Well Location
Unit Letter 3 : 1230 feet from the N line and 1430 feet from the W line
Section 4 Township 18S Range 35E NMPM Lea County

11. Elevation (Show whether DR, KB, BT, GR, etc.)
3936 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 OF PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

Other:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐

CASING/CEMENT JOB ☐

Other: **Drilling/Cement** ☒

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.

Casing set on well as per attached wellbore schematic.

See Attached

3/23/2006 Spudded well.

Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
	Int1		12.25	8.625	32	J-55	0	5061	1755		C				
	Surf		17.5	13.625	61	K-55	0	1606	1320		C				
	Prod		7.875	5.5	17	J-55	4661	9194	775		H				

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 Electronically Signed

TITLE Specialist

DATE 6/15/2006

Type or print name Joni Clark

E-mail address jclark@br-inc.com

Telephone No. 505-326-9701

For State Use Only:

APPROVED BY: Chris Williams

TITLE District Supervisor

DATE 6/16/2006 10:26:51 AM

Well Name: Vacuum Abo Unit 013-24
API #: 30-025-37431
Location: 1230' FNL & 1430' FWL
Sec. 4 - TWP 18S - R35E
Lea County, NM
Elevation: 3936' GL (above MSL)
Drl Rig RKB: 19' above Ground Level
Datum: Drl Rig RKB = 19' above GL

Grey Wolf Rig: Grey Wolf #15
Spud: 23-Mar-06
Spud Time: 4:30
Date TD Reached: 11-May-05
Release Drl Rig: 15-May-05
Release Time: 5:00

13-3/8" x 13-5/8" 3M SH2-LWR SOW Casing Head

☒ New
☐ Used

Surface Casing Date set: 26-Mar-06
Size 13 5/8 in
Set at 1606 ft # Jnts: 36
Wt. 61 ppf Grade K-55
Hole Size 17 1/2 in Conn STC
Excess Cmt 100 %
T.O.C. SURFACE
Csg Shoe 1606 ft
TD of 17-1/2" hole 1626 ft
Top of Float Collar 1564 ft

Intermediate Casing Date set: 8-Apr-06
Size 8 5/8 in 117 jts
Set at 5061 ft 0 pups
Wt. 32 & 24 ppf Grade J-55
Hole Size 12 1/4 in Conn 8rd
Excess Cmt 100 %
T.O.C. SURFACE
Pup @ ft
Pup @ ft
Top of Float Collar 5016 ft
Bottom of Casing Shoe 5061 ft
TD of 12-1/4" Hole 5103 ft

Production Casing: Date set: 8-Jan-05
Size 5 1/2 in 217 jts
Set at 9194 ft 1 pups
Wt. 17 ppf Grade J-55
Hole Size 7 7/8 in Conn LTC
Excess Cmt 50 %
T.O.C. (est)
Marker Jt @ 8414 ft
Marker Jt @ 7420 ft
Marker Jt @ ft
Marker Jt @ ft
Top of Float Collar 9149 ft
Bottom of Casing Shoe 9194 ft
TD of 7-7/8" Hole 9200 ft

SurfaceCement
Date cmt'd: 26-Mar-06
Lead : 775 sx 35:65 Poz:Class C
+ 5% Salt
+ 6% Bentonite gel
+ 2% Calcium chloride
+ 0.25 lb/sx Polyester flakes
1.97 cuft/sx @ 12.8 ppg
Tail : 545 sx Class C cmt
+ 2% Calcium chloride
+ 0.25 lb/sx Polyester flakes

Displacement: 244.0 bbls fresh wtr
Bumped Plug at: 16:45
Final Circ Press:
Returns during job: YES
CMT Returns to surface: 50 bbls
Floats Held: Yes
W.O.C. for 8.25 hrs (plug bump to start NU BOP)
W.O.C. for 30.75 hrs (plug bump to test csg)

Intermediate Cement
Date cmt'd: 8-Apr-06
Lead : 1505 sx 35:65 Poz:Class C
+ 5% Salt
+ 6% Bentonite gel
+ 0.20% Antifoamer
+0.1 lb/sx Polyester flakes
2.15 cuft/sx @ 12.4 ppg
Tail : 250 sx Class C Cement
+ 0.2% Antifoamer
+ 0.1 lb/sx Polyester flakes
+ 0.1% Polyester flakes
1.33 cuft/sx @ 14.8 ppg
Displacement: 309 bbls
Bumped Plug at: 8:30
Final Circ Press: 1640
Returns during job: YES
CMT Returns to surface: 13 bbls
Floats Held: X Yes No
W.O.C. for 101.50 hrs (plug bump to test csg)

Production Cement
Date cmt'd: 14-May-06
Lead : 400 sxs 50:50 poz
+ 10% Bentonite
+ 0.8% Tic dispersant
+ 0.2% Uniflac
+ 0.25 Poyester flakes
+ 2% D153
1.98 cuft/sx @ 10.43 ppg
Tail : 375 sxs Class H cmt
+ 10% D53
+ 1% CaCl2
+ 0.05% EX114A
1.68 cuft/sx @ 13.2 ppg
Displacement: 212 bbls
Bumped Plug: YES
Final Circ Press: 1400
Returns during job: No
CMT Returns to surface: No
Floats Held: X Yes No

TD of 7-7/8" Hole: 9200 ft