

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

Form C-103
May 27, 2004

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

WELL API NO.	30-025-37384
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Vacuum Abo Unit	
8. Well Number	21
9. OGRID Number	217817
10. Pool name or Wildcat Vacuum: Abo Reef	

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator ConocoPhillips Company	
3. Address of Operator P. O. Box 2197, WL3 6106 Houston, TX 77252	
4. Well Location Unit Letter D : 1290 feet from the N line and 405 feet from the W line Section 4 Township 18S Range 35E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3948 GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

This sundry is being sent to correct previous electronically submitted casing setting report as requested by Donna Mull. Attached is the end of well schematic.

Surface casing: 17.5" hole size, 13.375" 54.5# J-55 casing set at 1609' with 1590 sxs of cmt.
Intermediate(1) casing: 12.25" hole size, 8.625" 24# J-55 casing set at 897' with 910 sxs of cmt.
Intermediate(2) casing: 12.25" hole size, 8.625" 32# J-55 casing set at 4594' with 910 sxs of cmt.
Production casing: 7.875" hole size, 5.5" 17# J-55 casing set at 1374' with 290 sxs of cmt.
Production casing: 7.875" hole size, 5.5" 15.5# J-55 casing set at 6827' with 290 sxs of cmt.
Production casing: 7.875" hole size, 5.5" 17# J-55 casing set at 9071' with 290 sxs of cmt.



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 Yolanda Perez TITLE Sr. Regulatory Specialist DATE 06/09/2006
Type or print name Yolanda Perez E-mail address: yolanda.perez@conocophillips.com Telephone No. (832)486-2329
For State Use Only
APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JUN 29 2006
Conditions of Approval (if any):

Well Name: Vacuum Abo 13-21
API #: 30-025-37384
Location: 1290' FNL & 405' FWL
Sec. 4 - T18S - R35E
Lea County, NM
Elevation: 3948' GL
Drl Rig RKB: 19' above Ground Level
Datum: Drl Rig RKB = 19' above GL

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

Grey Wolf Rig: #15
Spud: 26-Nov-05
Spud Time: 17:00
Date TD Reached: 4-Jan-05
Release Drl Rig: 9-Jan-05
Release Time: 8:30

Surface Casing Date set: 30-Nov-05
Size 13 3/8 in
Set at 1609 ft # Jnts: 36
Wt. 54.5 ppf Grade J-55
Hole Size 17 1/2 in Conn STC
Excess Cmt 100 %
T.O.C. SURFACE
Csg Shoe 1609 ft
TD of 17-1/2" hole 1625 ft
Top of Float Collar 1560 ft

☒ New
☐ Used

SurfaceCement
Date cmt'd: 30-Nov-05
Lead : 1045 sx 35:65 Poz:Class C
+ 5% Salt
+ 6% Bentonite gel
+ 2% Calcium chloride
+ 0.10 lb/sx Polyester flakes
1.97 cuft/sx @ 12.8 ppg
Tail : 545 sx Class C cmt
+ 2% Calcium chloride
+ 0.10 lb/sx Polyester flakes

Displacement: 244.0 bbls fresh wtr
Bumped Plug at: 22:25 hrs
Final Circ Press:
Returns during job: YES
CMT Returns to surface: 220 bbls
Floats Held: Yes
W.O.C. for 9.50 hrs (plug bump to start NU BOP)
W.O.C. for 38.50 hrs (plug bump to test csg)

Intermediate Casing Date set: 10-Dec-05
Size 8 5/8 in 107 jts
Set at 4594 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 4550 ft
Bottom of Casing Shoe 4594 ft
TD of 12-1/4" Hole 4615 ft

☒ New
☐ Used

Intermediate Cement
Date cmt'd: 11-Dec-05
Lead : 1500 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 : 320 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: 281.5 bbls
Bumped Plug at: DID NOT
Final Circ Press: 500 psi
Returns during job: YES
CMT Returns to surface: 100 bbls
Floats Held: X Yes No
W.O.C. for 33.50 hrs (plug bump to test csg)

Production Casing: Date set: 8-Jan-05
Size 5 1/2 in 217 jts
Set at 9071 ft 1 pups
Wt. 15.5 & 17 ppf Grade J-55
Hole Size 7 7/8 in Conn LTC
Excess Cmt 50 %
T.O.C. (est)
Marker Jt @ 8340 ft
Marker Jt @ 7393 ft
Marker Jt @ ft
Marker Jt @ ft
Top of Float Collar 9026 ft
Bottom of Casing Shoe 9071 ft
TD of 7-7/8" Hole 9100 ft

☒ New
☐ Used

Production Cement
Date cmt'd: 8-Jan-06
Lead : 680 sxs D961cmt (CemPLUS BLEND)
+ 0.3% Uniflac
+ 0.8% Tic dispersant
+ 0.2% Antifoamer
+ 0.3% XE114A
1.98 cuft/sx @ 10.43 ppg
Tail : 190 sxs PVL cmt
+ 0.3% Uniflac
+ 0.2% Tic dispersant
+ 0.2% Antifoamer
+ 0.2% XE114A
1.68 cuft/sx @ 13.2 ppg
Displacement: 212 bbls
Bumped Plug: YES
Final Circ Press:
Returns during job: YES
CMT Returns to surface:
Floats Held: X Yes No

TD of 7-7/8" Hole: 9100 ft