

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
Revised March 25, 1999

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

WELL API NO.

30-025-03063

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-6504

7. Lease Name or Unit Agreement Name:

Vacuum Abo Unit
Battery 1, Tract 14

8. Well No.

#1

9. 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 ☒ Gas Well ☐ Other ☐

2. Name of Operator

ConocoPhillips Co.

3. Address of Operator

4001 Penbrook, Odessa, TX 79762

4. Well Location

Unit Letter K: 1,980 feet from the South line and 1,980 feet from the West line

Section 5 Township 18S Range 35E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,958' GL

11. 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: ☐

12. 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 recompilation.

See attached procedure & wellbore diagrams.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James F. Newman TITLE Engineer DATE 10/10/03

Type or print name James F. Newman, P.E. Triple N Services, Inc.

Telephone No. 432-687-1994

(This space for State use)

APPROVED BY Chris Williams TO DISTRICT SUPERVISOR/GENERAL MANAGER DATE 24 2003

Conditions of approval, if any:

ConocoPhillips

Proposed Plugging Procedure Page 1 of 2

**Vacuum Abo Unit #14-1
Vacuum Abo Reef Field
Section 5, T18S, R35E
Lea County, New Mexico**

See attached wellbore diagrams for wellbore configuration

SI injector – CIBP set @ 8,190' on 11/04/92

- Notify BLM & OCD 24 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
1. Set steel pit and flow well down as needed.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP. RIH w/ workstring tbgt to CIBP @ 8,190'.
 3. RU cementer and circulate hole w/ mud, pump 25 sx C cmt on CIBP 8,190 – 8,050'. **Abo plug**
 4. POOH w/ tbgt to 6,250' and pump 25 sx C cmt 6,250 – 6,150'. **Glorieta plug**
 5. POOH w/ tbgt to 4,630' and pump 25 sx C cmt 4,630 – 4,530'. **Grayburg plug**
 6. RIH w/ wireline and cut 5½" casing @ +/- 3,189', POOH w/ wireline. ND wellhead and RU csg tools, POOH w/ 5½" casing. If casing is not free, pull based on stretch measurements.
 7. RIH w/ tbgt to 3,239' and pump 60 sx C cmt w/ 2% CaCl₂ @ 3,239'. WOC and tag this plug. **Casing stub and intermediate shoe plug**
 8. POOH w/ tbgt to 3,090' and pump 35 sx C cmt 3,090 – 2,990'. **base of salt plug**
 9. RIH w/ wireline and perforate casing @ 1,542' w/ four 3½" strip-jet charges. POOH w/ wireline.
 10. RIH w/ 8-5/8" AD-1 packer to 1,300' and establish rate into perforations, squeeze 60 sx C cmt 1,542 – 1,442'. **Top of salt plug**
 11. RIH w/ wireline and perforate casing @ 352'. POOH w/ wireline.
 12. RIH w/ 8-5/8" AD-1 packer to 120'. RU cementer and load hole w/ mud, set packer. Establish rate into perforations and squeeze 115 sx C cmt w/ 2% CaCl₂ 352 - 252'. WOC and tag this plug. **surface casing shoe plug**

ConocoPhillips

Proposed Plugging Procedure Page 2 of 2

Vacuum Abo Unit #14-1
Vacuum Abo Reef Field
Section 5, T18S, R35E
Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

13. RIH w/ wireline and perforate 8-5/8" casing @ 60'. POOH w/ wireline.
14. ND BOP and NU wellhead. Establish circulation and 20 sx C cmt 60' to surface. **surface plug**
15. SI well. RDMO. Clean steel pit and dispose of bottoms.
16. Cut off wellhead and anchors, level location. Leave location clean and free of trash.

Field Name:		Vacuum Abo Reef	
County:	Lea	Well Type:	
State:	New Mexico	Depth:	9,006
RRC District:		Drilling Commenced:	6/18/1961
Section:	5	Drilling Completed:	7/15/1961
Block:		Date Well Plugged:	
Survey:	T18S, R35E	Longitude:	
Unit K, 1,980 FSL & 1,980 FWL		Latitude:	
		Freshwater Depths:	
API #:	30-025-03063		
Lease or ID:	E-6504		

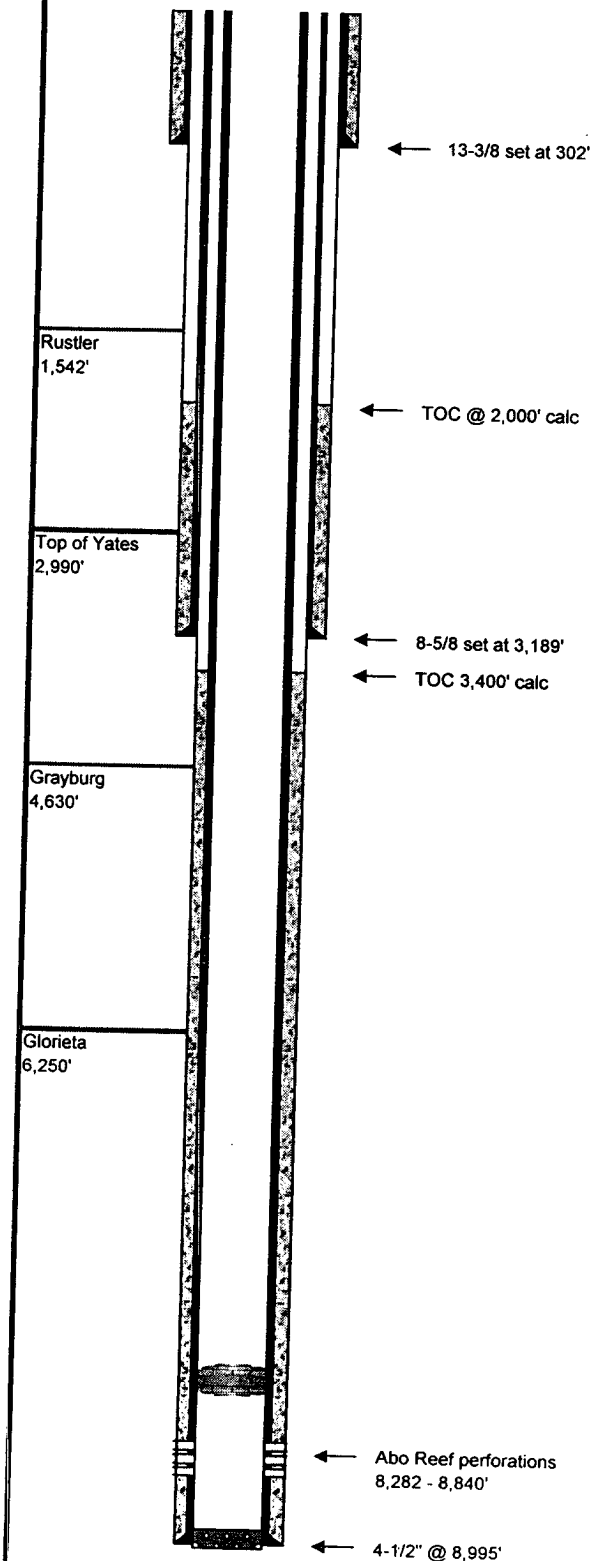
Casing					
Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	13-3/8	302	Surface	290	17
Intermediate:	8-5/8	3,189	2,000	200	11
Production:	4-1/2	8,995	3,400	690	7-7/8

Existing Plugs					
Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)	
1 CIBP set @ 8,190' (11/04/92)	8,190	8,190	---	CIBP	

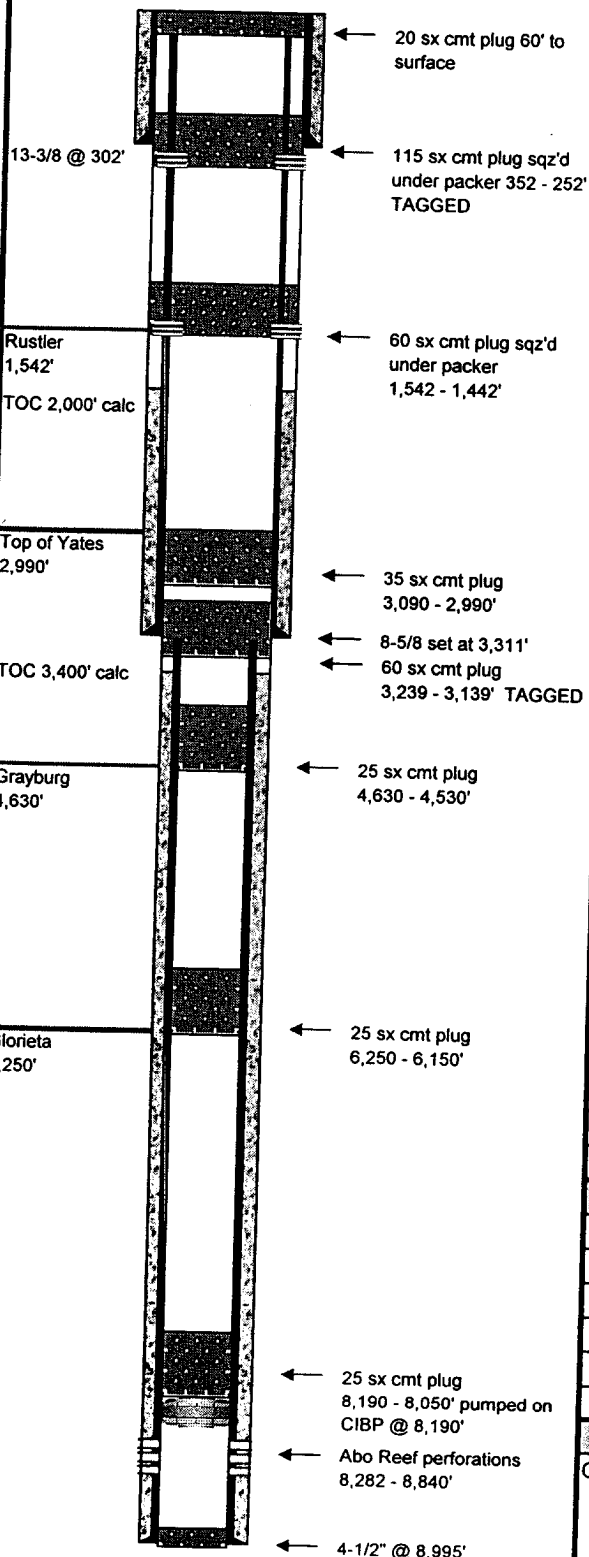
Perforations			
Formation	Top (feet)	Depth (feet)	
Abo Reef	8,282	8,840	

Formations		
Name	Top of Formation	
Rustler	1,542	
Top of Yates	2,990	
Grayburg	4,630	
Glorieta	6,250	

Comments
CIBP set @ 8,190' on 11/04/92



Prepared By: Jim Newman
Date: 10/11/2003



Field Name: Vacuum Abo Reef

County: Lea

State: New Mexico

RRC District:

Section: 5

Block:

Survey: T18S; R35E

Unit K, 1,980 FSL & 1,980 FWL

API #:

30-025-03063

Lease or ID:

E-6504

Well Type:

Depth:

9,006

Drilling Commenced:

6/18/1961

Drilling Completed:

7/15/1961

Date Well Plugged:

Longitude:

Latitude:

Freshwater Depths:

Casing

Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	13-3/8	302	Surface	290	17
Intermediate:	8-5/8	3,189	2,000	200	11
Production:	4-1/2	8,995	3,400	690	7-7/8

Proposed Plugs

Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)
1 class C cmt, on CIBP set 11/04/92	8,050	8,190	25	33
2 class C cement, balanced	6,150	6,250	25	33
3 class C cement, balanced	4,530	4,630	25	33
4 class C cement, balanced	3,139 (TAG)	3,239	60	79
5 class C cement, balanced	2,990	3,090	35	46
6 class C cmt, perf & sqz w/ packer	1,442	1,542	60	79
7 class C cmt, perf & sqz w/ packer	252 (TAG)	352	115	152
8 class C cement, balanced	surface	60	20	26

Perforations

Formation	Top (feet)	Depth (feet)
Abo Reef	8,282	8,840

Formations

Name	Top of Formation
Rustler	1,542
Top of Yates	2,990
Grayburg	4,630
Glorieta	6,250

Comments

CIBP set @ 8,190' on 11/04/92

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