

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

RECEIVED

OIL CONSERVATION DIVISION

FEB 15 2011

HOBBSOCD

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

WELL API NO. 30-025-20370
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2354-2
7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract 37-
8. Well number 2
9. OGRID Number 217817
10. Pool name or Wildcat Vacuum; Glorieta

11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3972' GL

Pit or Below-grade Tank Application ☒ or Closure ☐
Pit type <u>STEEL</u> Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water <u>N/A</u>
Pit Liner Thickness: <u>STEEL</u> mil Below-Grade Tank: Volume _____ bbls; Construction Material <u>STEEL</u>

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: ☐

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.

- 1) MIRU. NU BOP. ND WH.
- 2) RIH WL - Set CIBP @ 5,613'.
- 3) RIH Tbg to 5,613' - Tag CIBP. Circ hole w/ MLF. Cap BP w/ ^{25sx} 20sx cmt @ 5,613'-5,513'
- 4) PUH Tbg to 4,326' - Spot ^{25sx} 25sx cmt. WOC-Tag @ 4,226' or higher
- 5) POOH Tbg. RIH WL - Perf @ 3,032'. Sqz 50sx cmt. WOC-Tag @ 2,816' or higher
- 6) PUH Tbg to 2,600' - Spot ^{25sx} 25sx cmt. WOC-Tag @ 2,500' or higher
- 7) A. PUH Tbg to 1,600' - Spot 25sx cmt @ 1,600'-1,417'
- 8) B. 10sx cmt @ 60'-3' → Perf + sqz 35sx cmt @ 345' - WOC-TAG
- 9) RDMO

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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 Greg Bryant TITLE P&A Tech DATE 02/14/2011

Type or print name Greg Bryant

For State Use Only

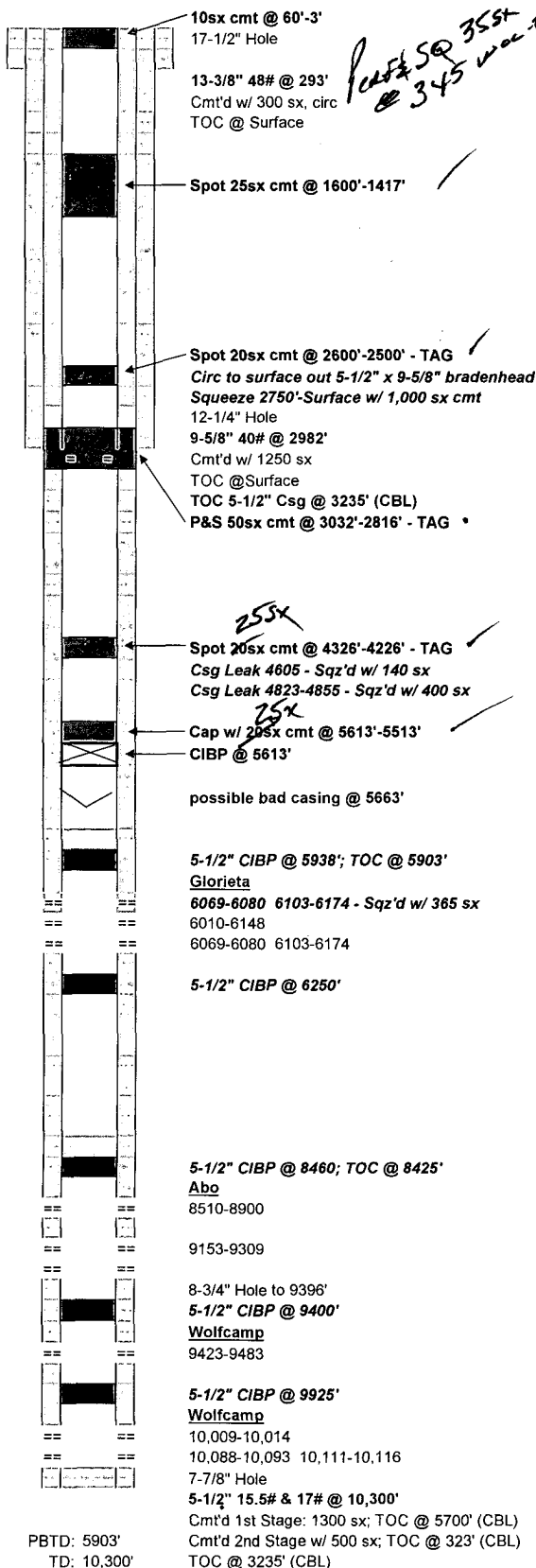
APPROVED BY: [Signature] TITLE STAFF MGR DATE 2-15-2011

Conditions of Approval (if any):

WELLBORE SKETCH
ConocoPhillips Company - Lower 48 - Mid-Continent BU / Permian Operations

Date: Feb. 10, 2011

RKB @ 3982'
DF @ 3981'
GL @ 3972'



Subarea : Buckeye
Lease & Well No. : Vacuum Glorieta East Unit, Tract 37 Well No. 2
Legal Description : 990' FNL & 660' FEL, Sec. 31, T17S, R35E, UL "A"
County : Lea State : New Mexico
Field : Vacuum Glorieta
Date Spudded : 11/18/62 Rig Released: 1/21/63
API Number : 30-025-20370
Status :
Drilled as Shell State A No. 5 State Lease No. B-2354-2

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	1/22/63	Perforate 10,009-10,014 w/ 2 JSPF & 10,088-10,093 & 10,111-10,116 w/ 1 JSPF						
10,009-10,116	1/24/63	15% NEA	8,000					
	8/19/63	Set CIBP @ 9925'						
	8/19/63	Perforate 9423-9484 w/ 1 SPF						
9423-9484	8/20/63	15% NEA	2,500					
	10/1/63	Set CIBP @ 9400'						
	10/1/63	Perforate 6069-6080 w/ 1 SPF						
6069-6080	10/2/63	15% Acid	2,000		3800	3500	1.9	
	10/9/63	Re-perforate 6069-6080 w/ 2 SPF						
6069-6080	10/10/63	Frac - screened out	14,000	7,000			4400	
6069-6080	2/15/66	GBW Frac	35,000	26,000	3700		2850	36.1
	2/5/71	Perforate w/ 1 SPF 6103-6174 (select fire); 12 holes						
6069-6174	2/6/71	15% HCl	6,000				3600	5.3
6103-6174	2/23/71	15% HCl	6,000				2700	6.0
6069-6174	9/29/71	GBW Frac	18,000		4000		1700	14.2
	7/27/72	Sqz Glorieta 6069-6174 w/ 365 sx						
	7/27/72	Perforate Abo w/ 1 JSPF @ 8510-8900'						
8809-8900	7/28/72	20% NEA	4,000					
8510-8626	7/29/72	20% NEA	4,500					
	8/5/72	Perforate Abo w/ 1 JSPF @ 9153-9309, 9 holes						
9153-9309	8/6/72	15% FE NE	3,500					
	9/18/75	Set CIBP @ 8460'; cap w/ 35' cement; TOC @ 8425'						
	9/18/75	Set CIBP @ 6250'						
	9/19/75	Re-perforate Glorieta w/ 1 SPF @ 6069-6080 & 6103-6174						
6069-6174	9/19/75	15% HCl	8,500		3000	1500	3.0	
	2/25/82	Perf sqz holes in csg @ 2750'; sqz 1000 sx to surface Circ to surface out 5-1/2" x 9-5/8" bradenhead Perforate Glorieta w/ 1 SPF @ 6010-6148; 37 holes						
6010-6174	3/8/82	15% HCl	9,400				Vac	
6010-6174	7/22/82	15% HCl	600				Vac	3.0
6010-6174	6/8/83	15% HCl	6,000		100		6.0	
6010-6174	4/9/85	15% HCl	6,000		100		5.4	
	6/19/89	Set CIBP @ 5938'; isolate casing leak 4823-4855; dump 35' cmt on top of CIBP @ 5938'; TOC @ 5903'						
	6/23/89	Squeeze 4823-4855 w/ 400 sx						
	4/12/01	Isolate casing leak @ 4605'; sqz w/ 140 sx DO cmt & retainer @ 4551'; DO cmt to 4723'						
	5/28/10	Tag @ 4300'; drill out CIBP @ 4740' and cmt; fell out @ 4865'						
		Tight spot @ 5620'; work thru w/ scraper, tag @ 5700'						
	6/4/10	Drill @ 5700' to 5716'; metal returns; tag up @ 5620'; possible bad casing; unable to progress beyond 5663'						
	6/8/10	Set 5-1/2" RBP @ 4883'						

Formation Tops:

Rustler	1517'	Blaine	6648'
Queen	2916'	Abo Shale	8050'
San Andres	4326'	Wolfcamp	9386'
Glorieta	5932'	Pennsylvanian	10162'
Paddock	6050'		

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Paddock	6050'		

17-1/2" Hole

13-3/8" 48# @ 293'

Cmt'd w/ 300 sx, circ

TOC @ Surface

Circ to surface out 5-1/2" x 9-5/8" bradenhead

Squeeze 2750'-Surface w/ 1,000 sx cmt

12-1/4" Hole

9-5/8" 40# @ 2982'

Cmt'd w/ 1250 sx

TOC @ Surface

TOC 5-1/2" Csg @ 3235' (CBL)

Csg Leak 4605 - Sqz'd w/ 140 sx

Csg Leak 4823-4855 - Sqz'd w/ 400 sx

RBP @ 4883'

possible bad casing @ 5663'

5-1/2" CIBP @ 5938'; TOC @ 5903'

Glorieta

6069-6080 6103-6174 - Sqz'd w/ 365 sx

6010-6148

6069-6080 6103-6174

5-1/2" CIBP @ 6250'

5-1/2" CIBP @ 8460; TOC @ 8425'

Abo

8510-8900

9153-9309

8-3/4" Hole to 9396'

5-1/2" CIBP @ 9400'

Wolfcamp

9423-9483

5-1/2" CIBP @ 9925'

Wolfcamp

10,009-10,014

10,088-10,093 10,111-10,116

7-7/8" Hole

5-1/2" 15.5# & 17# @ 10,300'

Cmt'd 1st Stage: 1300 sx; TOC @ 5700' (CBL)

Cmt'd 2nd Stage w/ 500 sx; TOC @ 323' (CBL)

TOC @ 3235' (CBL)

PBTD: 5903'

TD: 10,300'