

Submit 1 Copy 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
October 13, 2009

| | | | |
|--|--|---|--|
| RECEIVED JUN 14 2011 HOBBS | | OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 | |
| SUNDY 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.) | | WELL API NO. 30-025-37852 | |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> | |
| 2. Name of Operator ConocoPhillips Company | | 6. State Oil & Gas Lease No. | |
| 3. Address of Operator 3300 N "A" St, Bldg 6 Midland, TX 79705 | | 7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit 002 | |
| 4. Well Location Unit Letter G : 1765 feet from the North line and 1585 feet from the East line Section 32 Township 17S Range 35E NMPM County Lea | | 8. Well Number 22 | |
| | | 9. OGRID Number 217817 | |
| | | 10. Pool name or Wildcat Vacuum Glorieta | |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | | | |

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Convert to Injection ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

* See attachment for injection conversion plan

Packer set @ 6009'
Top perf @ 6042'

Spud Date:

Rig Release Date:

WFX-856

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

SIGNATURE

Brian D Maiorino

TITLE Regulatory Specialist

DATE 06/13/2011

Type or print name Brian D Maiorino

E-mail address: brian.d.maiorino@conocophillips.com PHONE: (432)688-6913

For State Use Only

APPROVED BY:

[Signature]

TITLE

Staff

DATE

6-14-2011

Conditions of Approval (if any):

JUN 14 2011

COX

PROCEDURE

1. MI & RU service unit. Pull rods & pump. Install BOP. POOH w/ tbg. The following is a well file source summary of current well configuration:

| | <u>top</u> | <u>btm</u> | |
|-----------------------|------------|------------|--|
| <u>Casing Detail</u> | | | |
| 8-5/8", 24#, J-55 | surface | 1606 | 04.05.07: Cmt w/ 850 sx. Circ cmt to surface (182 sx) |
| 5-1/2", 15.5#, J-55 | surface | 6339 | 04.15.07: Cmt w/ 1650 sx. Circ cmt to surface (152 sx) |
| | | | |
| Perforation Intervals | 6042 | 6092 | 06.22.07: 50 ft. @ 2 spf (100 perforations) |
| | 6112 | 6114 | 05.14.07: 2 ft. @ 4 spf (8 perforations) |
| | 6117 | 6119 | 05.14.07: 2 ft. @ 4 spf (8 perforations) |
| | 6122 | 6124 | 05.14.07: 2 ft. @ 4 spf (8 perforations) |
| | | | |
| PBD | 6296 | | |
| TD | | 6350 | 04.13.07 |

2. RIH w/ 2-7/8" prod tbg w/ 4-3/4" bit & csg scraper (5-1/2", 15.5#) through perforated interval 6042-6124. POOH.
3. RIH w/ tbg & CIBP. Set CIBP @ 6105 (between perforations 6092 & 6112; csg collars: unknown). POOH.
4. RIH w/ 2-7/8", 6.5#, J-55 tbg w/ PKR to 6100. Test tbg below slips to 3000# while running in hole. Set PKR @ 6100 ft. Load tbg w/ fresh water. Report tbg fill volume (2-7/8", 6.7# tbg capacity: 0.00579 bbl/ ft or 172.76 ft/ bbl).

$$\text{Est BHP @ 6070 (-2100)} = (6070 - 172.7 \text{ ft/bbl} \times \text{Fill Volume: bbl}) \times 0.433 \text{ psi/ft}$$

Test CIBP @ 1500# (anticipated surface injection prs: 1300#).

Re-set PKR @ 6000 ft. (csg collars: unknown). Load 2-7/8" x 5-1/2" annulus w/ fresh water. Report annular fill volume (2-7/8" x 5-1/2", 15.5# annular capacity: 0.0158 bbl/ft.; 63.4 ft./bbl)

$$\text{Est BHP @ 6070 (-2100)} = (6070 - 63.4 \text{ ft/bbl} \times \text{Fill Volume: bbl}) \times 0.433 \text{ psi/ft}$$

5. Place 200# on csg. Acidize 6042-6092 w/ total of 48 bbl (2500 gal) 15% NEFe HCl. Displace acid w/ 55 bbl fresh water (capacity to btm perforation: 35.7 bbl). Limit treating rate @ 1-2 BPM. (Anticipated treating prs: less than 500#). Record ISIP, SITP(5 min), SITP(10 min) & SITP(15min)

Rel csg prs. POOH w/ tbg & PKR.

6. RIH w/ 2-3/8", 4.7#, J-55 IPC (TK-99) tbg w/:

2-3/8" x 5-1/2" Halliburton G6 Injection PKR w/ carbide slip upgrade w/ pump-out plug
2-3/8" x 5-1/2" XL OFT w/ 1.875 in. profile nipple

Test tbg below slips @ 3000# while RIH.

Set PKR @ 6000 (csg collars: unknown). Test annulus @ 500#.

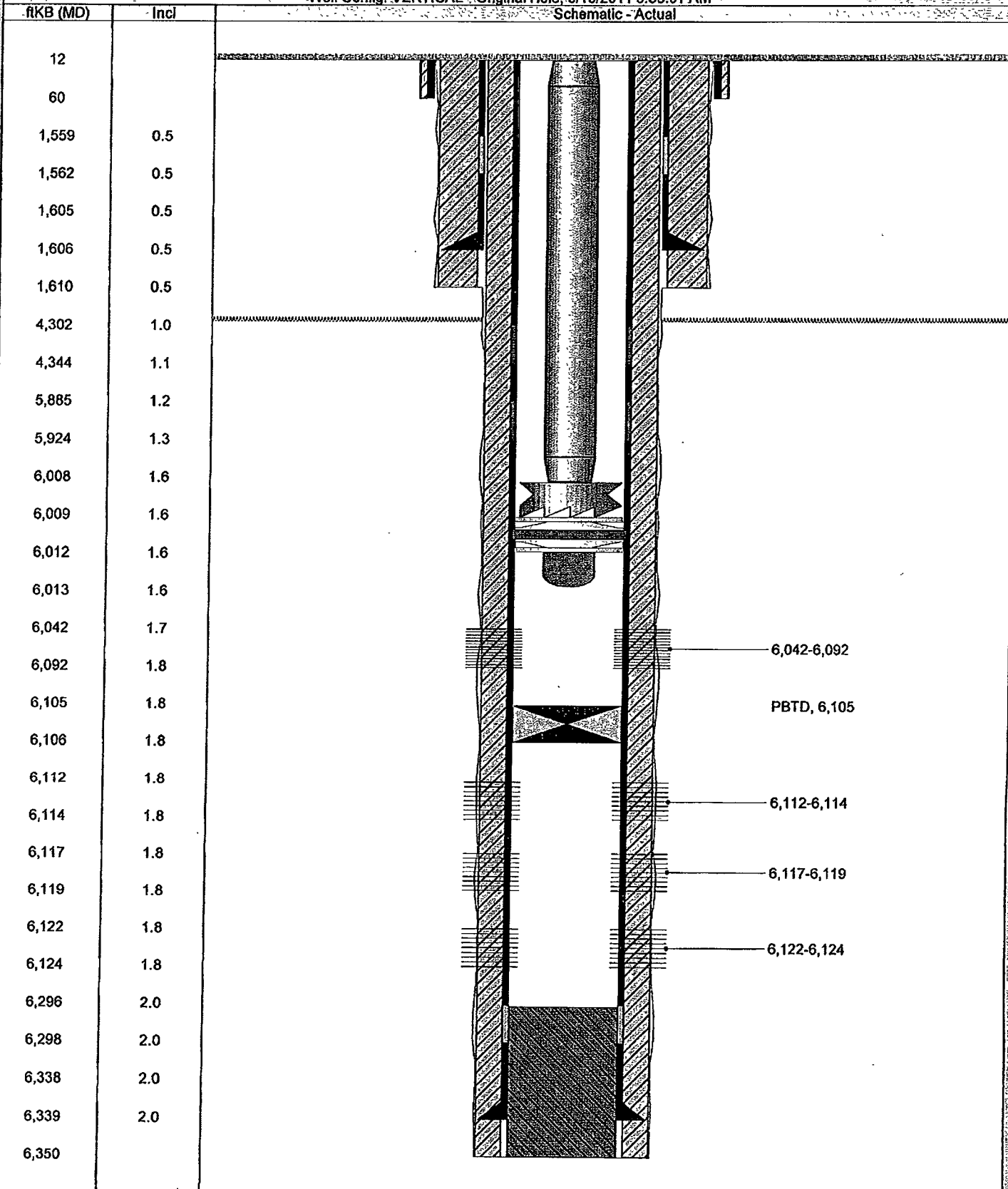
Release from OFT. Circ inhibited biocide-treated PKR fluid (2-3/8" x 5-1/2" annular volume to PKR @ 6000: 95 bbl). Engage OFT.

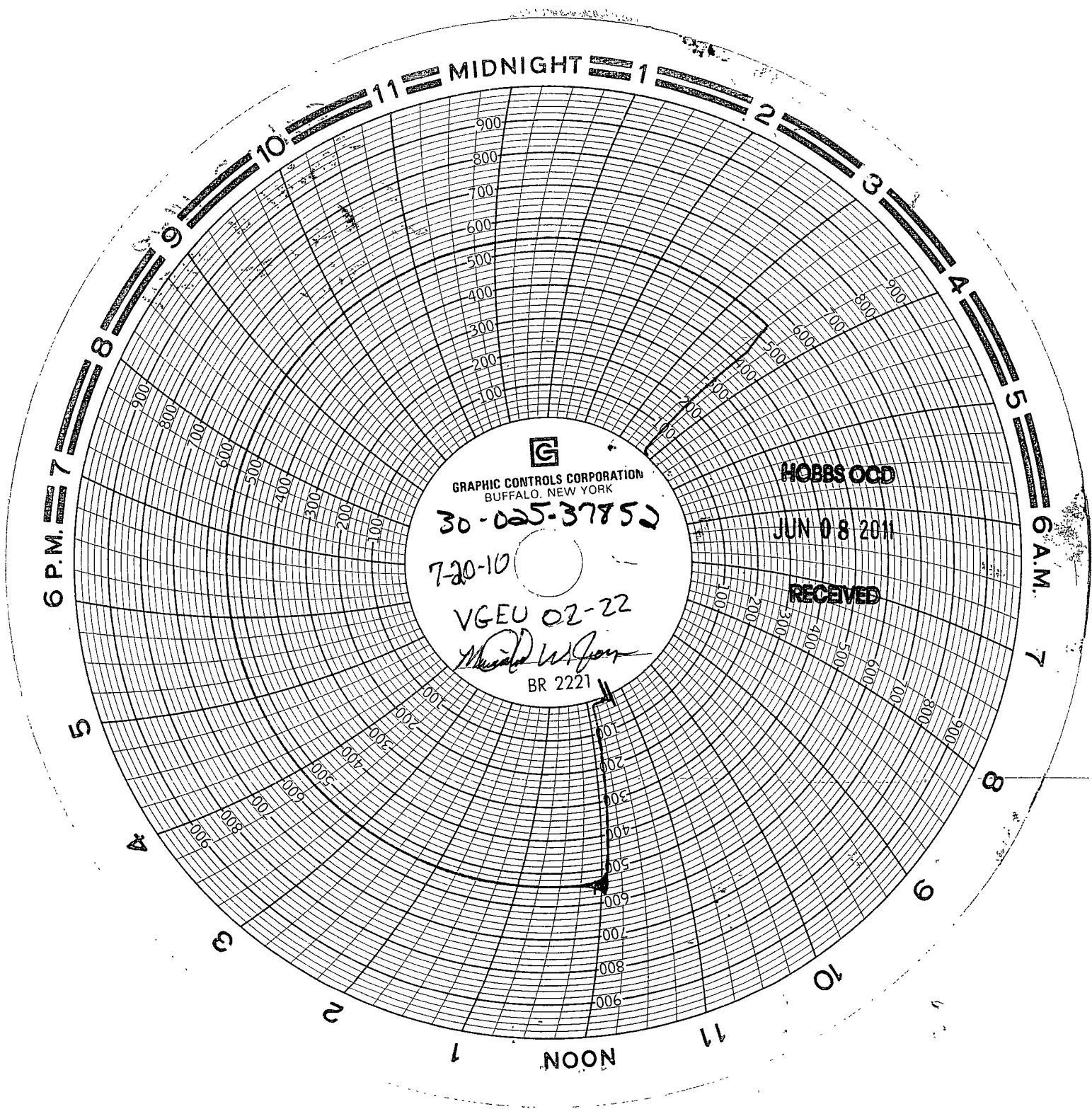
7. ND BOP. NU well. Pump out plug. Place well on injection.

| | | | | |
|--------------------------------|--|---------------------------|----------------|------------------------------|
| District PERMIAN | Field Name VACUUM | API / UWI 3002537852 | County LEA | State/Province NEW MEXICO |
| Original Spud Date 4/2/2007 | Surface Legal Location SEC:32;TWN:17 S;RNG:35 E | E/W Dist (ft) 1,585.00 | E/W Ref FEL | N/S Dist (ft) 1,765.00 |
| | | | N/S Ref FNL | |

Well Config: VERTICAL - Original Hole: 6/13/2011 9:33:01 AM

Schematic - Actual





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

30-025-37852

7-20-10

VGEU 02-22

Michael W. Jones

BR 2221

HOBBS OOD

JUN 08 2011

RECEIVED

CAI - 7-14-10
Serial # 8134
0-2000H
30 min

VGEU 02-22

API# 3002537852

7-20-2010

Ben Loh

COO HCH

MS 20 HCH

CH200