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

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

RECEIVED
JUN 14 2011
HOBBSOCD

Form C-103
October 13, 2009

WELL API NO. 30-025-37851	
5. Indicate Type of Lease STATE [X] FEE [ ]	
6. State Oil & Gas Lease No.	
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.)	7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit
1. Type of Well: Oil Well [ ] Gas Well [X] Other Injection	8. Well Number 21
2. Name of Operator ConocoPhillips Company	9. OGRID Number 217817
3. Address of Operator 3300 N "A" St, Bldg 6 Midland, TX 79705	10. Pool name or Wildcat Vacuum Glorieta
4. Well Location Unit Letter A : 1200 feet from the North line and 525 feet from the East line Section 32 Township 17S Range 35E NMPM County Lea	
	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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]	CHANGE PLANS [ ]	COMMENCE DRILLING OPNS. [ ]	P AND A [ ]
PULL OR ALTER CASING [ ]	MULTIPLE COMPL [ ]	CASING/CEMENT JOB [ ]	
DOWNHOLE COMMINGLE [ ]			
OTHER: Convert to Injection [X]		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 proposed conversion

Packer set @5999'
Top Perf @ 6040'

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 B. 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: TITLE STAFF MGR DATE 6-14-2011

Conditions of Approval (if any):

JUN 14 2011

COA

PROCEDURE

1. MI & RU service unit. Install BOP.

	top	btm	
Casing Detail			
8-5/8", 24#, J-55	surface	1596	04.20.07: Cmt w/ 850 sx. Circ cmt to surface (263 sx)
5-1/2", 15.5#, J-55	surface	6329	04.29.07: Cmt w/ 1700 sx. Circ cmt to surface (133 sx)
RBP	5997	6000	04.19.10
Perforation Intervals	6040	6075	06.08.07: 35 ft. @ 2 spf (70 perforations)
	6088	6104	08.13.07: 16 ft. @ 2 spf (32 perforations)
CIBP	6130	6132	12.13.07
Perforation Intervals	6138	6148	08.13.07: 10 ft. @ 2 spf (20 perforations)
	6156	6164	08.13.07: 8 ft. @ 2 spf (16 perforations)
Original PBD (driller)	6284		Logger PBD: 6242 (05.14.07)
TD (04.27.07)		6345	Csg set @ 6329

2. RIH w/ 2-3/8" tbg & retrieve RBP @ 5997 (well may go on vacuum). POOH.

3. RIH w/ 2-3/8", 4.7#, J-55 tbg open-ended to 6120 (tbg capacity to 6120: 23.7 bbl).

   Pump 20 bbl fresh water spacer.
   Mix & pump 80 sx cmt (approximately 18.8 bbl) @ 1-2 BPM (19-38 min.).
   Pump 5 bbl fresh water @ 1-2 BPM (5-10 min.) and start POOH.

   POOH w/ tbg. SION.

API Class C	
Water Requirement:	6.3 gal per sk
Slurry Yield:	1.32 cu.ft. per sk
	4.25 sx per bbl
Slurry Density:	14.8 ppg
Estimated Thickening Time	1.0-1.5 hrs

   Note:
   Estimated Paddock Limestone BHP < 200#. The 5 bbl fresh water displacement volume results in a 210 ft. water column in 5-1/2", 17# csg....equivalent to 90#.

4. RIH w/ 2-3/8", 4.7# , J-55 tbg w/ 6: 3-1/2" DC & 4-3/4" bit.

   Drl/wash cmt to 6100. Circ well clean. Close BOP & test squeeze to 500#. POOH.

RIH w/ tbg & RTTS-type PKR. Set PKR @ 5950. Test below PKR to 1000#.

If csg did NOT test:
Obtain pump-in rate w/ fresh water. Prep to re-squeeze.

If csg test OK:
RIH to 6085.
Pump 100 gal 15% HCl followed by 23.1 bbl fresh water.
POOH w/ tbg & PKR (acid column: 5985-6085).

5. RU SLB perforating.

RU lubricator. RIH w/ 3-3/8", HSD Power Jet 3406, HMX 22.7 gm (Pen: 36.5 in. EHD: 0.36 in.).

Perforate: 6038-6085 @ 3 spf (60-degree phasing).

Collars	Jt. Length	
5800.5	(ft.)	
5841.5	41.00	
5864	22.50	marker jt
5886.5	22.50	marker jt
5929	42.50	
5969	40.00	
6010	41.00	
6051.5	41.50	
6093.5	42.00	

RD SLB. Pump 50 bbl fresh water down casing.

NOTE: Anticipated injection tubing delivery October 2010.

6. PU & RIH w/ 4 jts 2-3/8", 4.7#, J-55 production tbg. ND BOP. NU well. RD well service unit. Will run injection tbg & PKR at a later date (anticipate injection tbg delivery October)

Following 1 Month Minimum Shut-In & Prior to Delivery of Injection Tbg:

1. Note SITP. Install lubricator

2. RIH w/ pressure recorder. Make 2 min. gradient stops @

Depth: RKB	
500	
1000	
1500	

2000	
2500	
3000	
3500	
4000	
4500	
5000	
5500	
5600	
5700	
5800	
5900	
6000	
6030	Perforated interval: 6038-6085

3. POOH w/ pressure recorder. ND lubricator. SI well.

Equip For Injection

7. MI & RU well service unit. ND well. NU BOP. POOH & LD kill-string tbg.

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

   wire line re-entry guide
   2-3/8" x 5-1/2", 15.5# injection PKR w/ carbide slip upgrade w/ pump-out plug
   2-3/8" x 5-1/2" OFT (injection service) w/ XN profile nipple (1.875 in. x 1.791 in.)

   Test tbg below slips @ 3000# while RIH.

   Set PKR @ 6000 (csg collars: 5969 & 6010). Test annulus @ 500#.

   Release from OFT. Circ inhibited biocide-treated PKR fluid (2-3/8" x 5-1/2", 15.5# annular volume to PKR @ 6000: 110 bbl). Engage OFT.

   ND BOP. NU well. RD well service unit

8. RU SLB. Acidize 6038-6085 w/ 2500 gal (60 bbl) 15% NEFe HCL:

   Place 200# on annulus.
   Pump out PKR plug.
   Pump 2500 gal 15% NEFe HCL.
   Flush w/ 55 BFW (capacity to btm perforation: 25.2 bbl)
   Limit treating rate at 1-2 BPM @ anticipated 500# treating prs.
   Record ISIP, SITP(5 min), SITP(10 min) & SITP(15min). Rel csg prs.

   RD SLB

9. Place well on injection.

CURRENT SCHEMATIC

ConocoPhillips

VACUUM GLORIETA EAST UNIT 002-21W

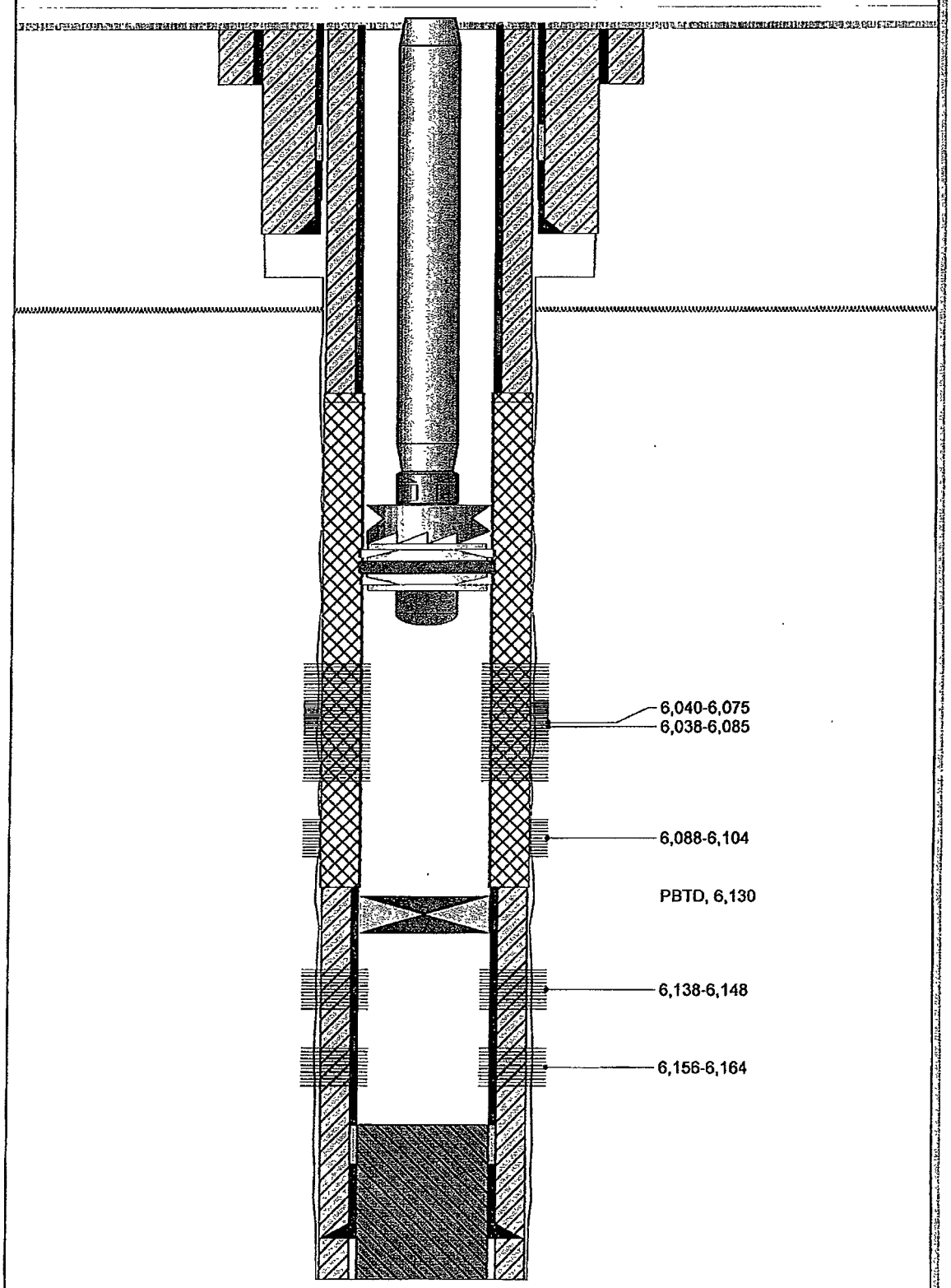
District	Field Name	API / UWI	County	State/Province
PERMIAN	VACUUM	3002537851	LEA	NEW MEXICO

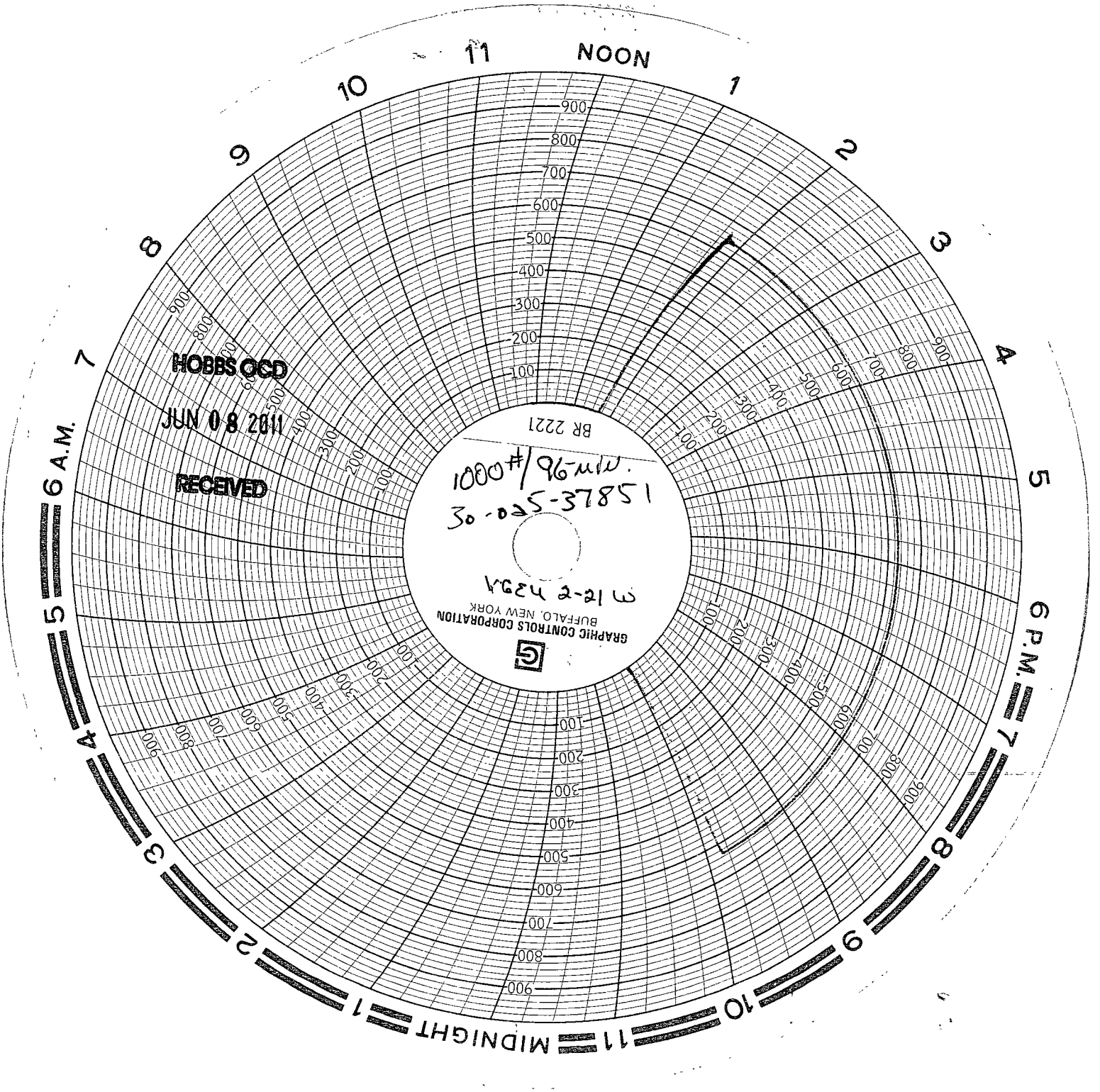
Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
4/16/2007	SEC:32;TWN:17 S;RNG:35 E	525.00	FEL	1,200.00	FNL

Well Config: VERTICAL - Original Hole, 6/13/2011 8:34:24 AM

ftKB (MD)	Incl
12	
12	
80	0.0
1,548	1.0
1,551	1.0
1,595	1.0
1,596	1.0
1,602	1.0
4,260	0.6
4,306	0.6
5,874	1.3
5,920	1.4
5,997	
5,998	
5,999	
6,006	
6,007	
6,038	
6,040	
6,075	
6,085	
6,088	
6,104	
6,130	
6,133	
6,138	
6,148	
6,156	
6,164	
6,285	
6,286	
6,328	
6,329	
6,345	

Schematic - Actual




NOON
MIDNIGHT
6 A.M.
6 P.M.
HOBBS OCD
JUN 08 2011
RECEIVED
BR 2221
1000#/96 hr.
30-025-37851
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

Serial # B1272
1000# Chart
Set on 96-MINS
CAL Date 6-17-2010

Smith services

VGEU-02-21
Date 8-4-2010
PKr set 6006'
Top perf 6038'

API #