Submit Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
DEC 04 2013
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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-20527

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. B-1497

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 Abo Unit Tract 4

1. Type of Well: Oil Well [X] Gas Well [ ] Other

8. Well Number 79

2. Name of Operator ConocoPhillips Company

9. OGRID Number 217817

3. Address of Operator P. O. Box 51810 Midland, TX 79710

10. Pool name or Wildcat: Vacuum; Abo Reef

4. Well Location
Unit Letter E : 2311 feet from the North line and 992 feet from the West line
Section 26 Township 17S Range 35E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3957' KB

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: reactivate	[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.

This well is currently in TA status and will come out 4/4/14. ConocoPhillips would like to reactivate this well to bring back on to production. Attached is a procedure to perform work needed with current/proposed wellbore schematic.

During this procedure we plan to use the Closed-Loop System and haul content to the required disposal.

Spud Date: Rig Release Date:

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

SIGNATURE Rhonda Rogers TITLE Staff Regulatory Technician DATE 12/02/2013

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: (432)688-9174

For State Use Only

APPROVED BY: Mark Whitaker TITLE Compliance Officer DATE 12-5-13

Conditions of Approval (if any):

DEC 09 2013

VAU 06-79
API# 30-025-20527
Artificial Lift Modification

Objective: Reactivate & Install 912 BPU

Depths: PBTD = 8,932'

Justification: The VAU 06-79 is currently in TA status and will go on the well inactive list in February 2014. This project will re-enter the well and acidize the perfs from 8,527' – 8,820'. The installation of a C-912-365-168 BPU will be used to pump this well off.

Existing Perforations
Abo: 8,527'-8,820' (293' net)

Pressure/Well Control

Well Category: **One**
BOP Class: **Two**

ROE:

MCFPD	H2S: ppm	ROE: feet	
		100 ppm	500 ppm
5	15,000	20	9

Recommended Procedure

1. MIRU pulling unit. Kill well.

2. NDWH. NUBOP. Test BOP. PU & RIH w/ 2 7/8" 6.5# L-80 Tbg to retrieve RBP @ 6,000'. Latch on & TOOH w/ RBP. Lay down RBP.

3. PU & RIH w/ bit sized for 5 ½" 15.5# J-55 casing (PU drill collars for weight if necessary). RU swivel & drill out CIBP @ 8,205'. Monitor pressure while drilling CIBP.

4. TIH & determine if @ 8,219' is still impassable (In 2012 workstring stacked out @ 8,219'). If workstring doesn't stack out, proceed to 8,820'. If workstring stacks out then TOOH w/ 2 Jts & pump brine water through blockage. TOOH w/ bit and lay down.

5. RU Tbg hydro-testers. PU & RIH w/ Tbg and packer. Test Tbg to 5,000 psig below slips. Set packer @ 8,150'. RD Tbg hydro-testers.

6. RU stimulation services. Pump 10,000 gallons (238 bbls) of blended 15% NEFEHCL – Xylene Surfactant. Pump acid stimulation to perforations (8,527' – 8,820') at less than estimated frac pressure @ 8,000 psi (.935 psi/ft). Estimated maximum treating surface pressure 4,600 psi @ 5 BPM.

   Acid Stimulation
   a) Pump, establish and record injection rate and pressure w/ field salt water
   b) Pump 1000 gallons (~24 bbls) of the acid blend
   c) Pump 10 bbls (420 gal.) of field salt water containing up to a **1#/gal** concentration of rock salt as diverting agent (concentration bases on injection rate / pressure response of existing perforations)
   d) Pump 1000 gallons (~24 bbls) of the acid blend
   e) If pressure increase is marginal on 1#/gal then proceed with 1.5#/ gal.
   f) Pump 10 bbls (420 gal.) of field salt water containing up to a **1.5#/gal** concentration of rock salt as diverting agent (concentration bases on injection rate / pressure response of existing perforations).
   g) Pump 1000 gallons (~24 bbls) of the acid blend
   h) If pressure increase is marginal on 1.5#/gal then proceed with 2#/ gal.

i) Pump 10 bbls (420 gal.) of field salt water containing up to a **2#/gal** concentration of rock salt as diverting agent (concentration bases on injection rate / pressure response of existing perforations).
j) Repeat step g & i until acid blend is put away
k) Displace acid treatment w/ 50 bbls of field salt water

Note: If interval screens off, release pressure, back flush to open top frac tank, then return to acid stimulation.

7. Obtain ISIP. Continue monitoring and recording for 20 minutes following shut-in (every 5 minutes)

8. RD stimulation equipment. Release packer and TOOH. LD packer.

9. PU & RIH w/ OESN, new TK 99 bottom JT, TAC, & 2 7/8" 6.5# L-80 EUE Tbg.

10. Land the SN @ 8,175' and TAC @ ~8,075'. Land Tbg in hanger.

11. NDBOP, NUWH. PU & RIH w/ 1 ¾" pump & rod string. Space pump, hang well on.

12. RDMO

ConocoPhillips

Schematic - Current

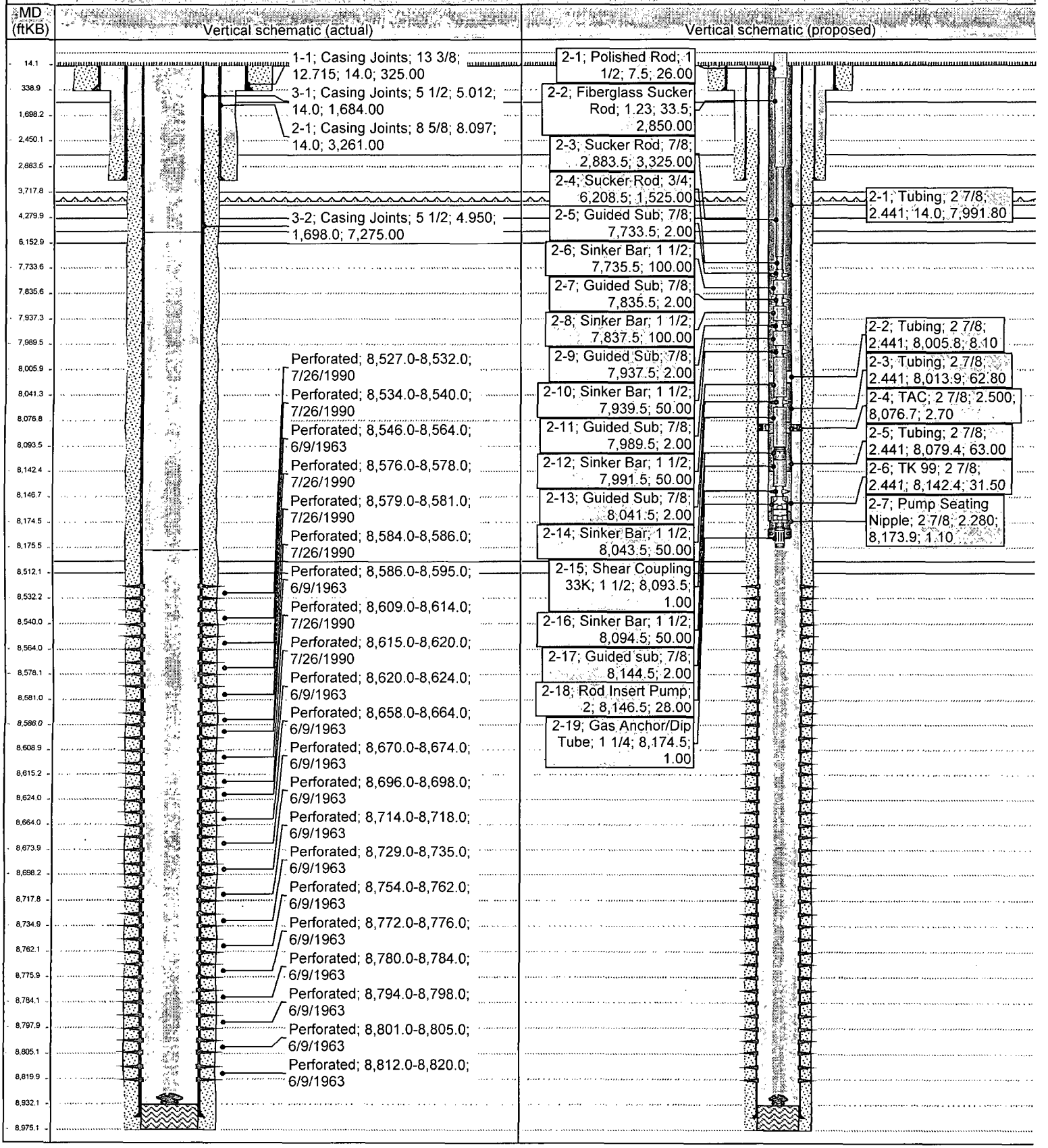
VACUUM ABO UNIT 006-079

Most Recent Job

Jobs

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
ABANDONMENT	ABANDONMENT T&A		3/29/2012	4/11/2012

VERTICAL - Original Hole, 12/2/2013 3:31:00 PM



Report Printed: 12/2/2013