

Submit 1 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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

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.)		WELL API NO. 30-025-40995
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> HOBBS OCD		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
4. Well Location Unit Letter: O 740 feet from SOUTH line and 1445 feet from the EAST line Section 30 Township 17S Range 35E NMPM County LEA		8. Well Number 432
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3980' GL		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM; GRAYBURG SAN ANDRES

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER:

SUBSEQUENT REPORT OF:

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

OTHER: NEW WELL COMPLETION

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.

PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 09/16/2013 THROUGH 09/20/2013.

09/25/2013: ON 24 HR OPT. PUMPING 65 OIL, 755 GAS, & 1081 WATER. GOR-11532.

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

TITLE REGULATORY SPECIALIST

DATE 12/16/2013

Type or print name DENISE PINKERTON
For State Use Only

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

APPROVED BY:

TITLE

Petroleum Engineer

DATE

DEC 30 2013

Conditions of Approval (if any):

DEC 30 2013



Summary Report

Completion

Complete

Job Start Date: 9/16/2013

Job End Date: 9/20/2013

Well Name CENTRAL VACUUM UNIT 432		Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,980.00	Original RKB (ft) 3,998.50	Current RKB Elevation 3,998.50, 7/10/2013		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 9/16/2013

Com

Crew travel to LOC

SM: tenet, E-Color, HazID, JSA, operations plan, 360 MySpace and Safety Share

Waiting on facilities to dig trench, plum riser's, run flow line, and conduit and fill cellar, and prep pad so rig can MORU

MORU Stood Derrick up and shut down for night

Crew travel home

Report Start Date: 9/17/2013

Com

Crew travel

SM: tenet, HazID, E-Colors, SWA, operations plan, JSA's w/ NU crew and wellhead people. JSA's on spotting tanks and filling. Spotting all equipment.

Check pressures on tubing head valves, surface and intermediate casing valves w/no pressures anywhere. Finish RU unit (elevators calipered, tongs installed and 2 7/8" dies installed.

ND 7 1/16" 5M x 2 3/8" B-1 adapter. Install 2 x 7 1/16" 5M gate valves. Install logging adapter.

Load production casing and test each frac valve to 250 psi low and 1000 psi high for 5 minutes on each test. Make sure the surface and intermediate casings are full of FW.

Test casing to 4200 psi for 30 minutes on chart.

JSA. Spot and RU logging unit and lubricator. Test lubricator to 250 psi and 1000 psi.

Logging run #1: GR/Radial Cement Bond log Correlate to Halliburton Dual Spaced neutron, Spectral Density, and Spectral GR dated 9/12/13. Tag PBTD @ 5007'. Repeat pass from PBTD to 4400'. Main pass from PBTD to 2800' holding 1000 psi on casing.

SM: discussed operation for perforations, radio silence, weather, road watch, radio silence, lubricator operations, muster point, nearest hospital.

Perf gun run #1. Caliper all guns. RIH and correlate on short joints at 3471'-3475'. Re Log 3 collars on bottom w/ no corrections. Perforate in 3 select fire operations: 4803'-13', 4781'-91', and 4768'-78'. All shots fired. POH and LD gun #1. All perf runs are 3 3/8" tag guns w/2 JHPF 120" phased.

Perf gun run #2. RIH and correlate as before. Run strip across perforation area w/ no correction. Perforate 4744'-64' in 2 select fire operations. All shots fired. Secure lubricator, guns, and well. Heavy rain and lightning spotted.

Crew travel

Report Start Date: 9/18/2013

Com

Crew travel

SM: tenet, E-Colors, HazID, JSA for perforating, radio silence, muster area, gate guards.

Perforating run #3. Fluid level from overnight = 200'. 3 3/8" guns w/ 2 JHPF 120" phased. Select fired zones: 4722'-36', 4715'-19', 4627'-31', and 4619'-23'. All shots fired.

Perforating run #4. FL at 200'. Guns as before. Select fired intervals: 4461'-71', 4452'-56', 4444'-48', and 4433'-37'. All shots fired. RD lubricator and sheaves.

ND WL adapter. NU pump-in adapter.

Spot pipe racks and offload tubing. Strap same.

Check surface and intermediate casing strings w/ FW. Both strings were full.

JSA w/ acidizers: discussed the fishing job on the next location and contingencies, TIF, MSDS, spotting trucks, muster areas, PPE, operations plan. Offload acid into acid tanks and roll same.



Summary Report

Completion
Complete

Job Start Date: 9/16/2013

Job End Date: 9/20/2013

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Ground Elevation (ft) 3,980.00	Original RKB (ft) 3,998.50	Current RKB Elevation 3,998.50, 7/10/2013	Mud Line Elevation (ft) Water Depth (ft)

Com

Acidize new perforations 4433-4813' in 6 stages using 20,000 gal 15% NEFE acid and diverted with 5 GRS blocks mixed in Gelled BW.

Initial injection = 3 bpm @ 3600 psi

Final injection at 9.8 bpm = 2500 psi.

Average injection rate = 9 bpm @ 3000 psi

1st acid stage: 4830 gal acid

1st block: 1000# GRS in 23 bbl BW. Saw no pressure increase from block but the pressure continued to fall slowly.

2nd acid stage: 2725 gal acid

2nd block: 1000# GRS in 15 bbl BW. Saw 500 psi increase

3rd acid stage: 2725 gal acid

3rd block: 1500# GRS in 13 bbl BW. Saw 1100 psi increase f/

4th acid stage: 3360 gal acid

4th block: 1500# GRS in 12x bbl BW. Saw 1100 psi increase f/

5th acid stage: 3360 gal acid

5th and final block: 1500# GRS in xxx bbl BW. Saw 1100 psi increase f/

6th acid stage: 3000 gal acid.

Flush w/ 220 bbl FW.

Continue flush w/ 103 bbl BW.

ISIP = 1593

5 min = 1426

10 min = 1319

15 min = 1226

TLTBR = 872 bbl

Pressures continued to fall slowly after all blocks had done their job. Each block rose a little slower and fell a little quicker than the last.

RD acid lines. Begin moving trucks off location.

WO acid to spend and monitor casing pressure. ND Pump-in adapter. Pressure at 520 psi. Release crew.

Crew travel.

Report Start Date: 9/19/2013

Com

Crew travel

SM: tenet, E-Colors, HazID, SWA, well control, operations plan; JSA for the setting of BPV.

SICP = "0". Strong gas blow bleeding down in 4 minutes. Pump 10 bbl BW down casing. Allow gas to work out. Dry rod BPV into profile.

RD floor. ND frac valves.

NU BOPE. NU annular preventer. RU floor.

Dry rod BPV from profile. Had to allow gas to work thru valve. PU pkr and RIH to 60'. Set packer.

Test 2 7/8" pipe rams and annular preventer to 250 psi low and 1000 psi high.

LD packer. PU bit. TIH PU 2 7/8" production tubing. Tag at 4985'

Noon meal.

LD excess tubing.

TOH standing back. EOT at 1526'. Secure well for night

Rig inspection/hazard hunt. Evacuation drill. Debrief.

Crew travel.

Report Start Date: 9/20/2013

Com

Crew travel

SM: tenet, E-Colors, HazID, well control, 360 MySpace, SWA, wind directions and muster areas, operations plan

SITP = SICP = "0". Strong gas blow. Kill tbg with 5 bbl BW. Caliper elevators. set COM

TOH with kill string. LD bit and bit sub.

Safety meeting with pump hands. Discussed: spotting trucks, offloading equipment, working together, caliper tools, hanging sheaves, wellhead, winds changing - change rescue equipment, muster area

Spot equipment. PU pump and prep. Hang sheaves for banding truck. Install cable onto pump. Check electrical connections.

Run tubing banding same. LD 1 joint.

Wait on service hand

Make up hangar. Hook up cable thru hangar. Land hangar.

ND BOPE.

NU B-1 adapter and master valve. Test void space to 5000 psi. First test failed when a packing gland nut started leaking. 2nd test lost 100 psi in 1 min. then lost an additional 100 psi in 3 minutes and then stabilized at 5000 psi. Hook up pigtail.



Summary Report

Completion

Complete

Job Start Date: 9/16/2013

Job End Date: 9/20/2013

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Com

RD unit. Clear location and prep for move to LPU 125. Change clothes.

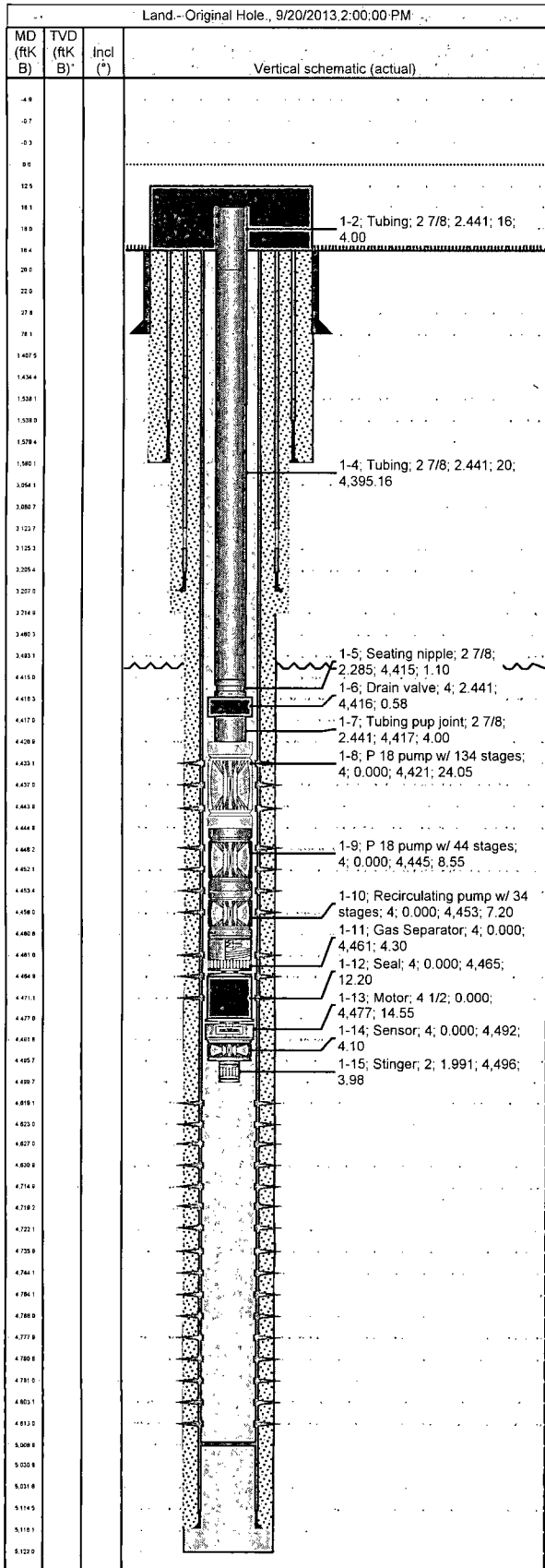
Production to be on location in the morning to hook up the flow lines, test flowlines, perform final electrical hookup, and start pumping well. FINAL D&C REPORT

Crew travel



Tubing Summary

Well Name CENTRAL VACUUM UNIT 432	Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,980.00	Original RKB Elevation (ft) 3,998.50	Current RKB Elevation 3,998.50, 7/10/2013	Mud Line Elevation (ft) Water Depth (ft)
Current KB to Ground (ft) 18.50	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft) 18.50	Current KB to Tubing Head (ft)



Tubing Strings									
Tubing Description		Planned Run?		Set Depth (MD) (ftKB)			Set Depth (TVD) (ftKB)		
Tubing - Production		N		4,499.8					
Run Date		Run Job		Pull Date			Pull Job		
9/20/2013		Complete, 9/16/2013 07:00							
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	KBC	0.0	0.000	0.00			16.00	0.0	16.0
1	Tubing	2 7/8	2.441	6.50	J-55	EUE	4.00	16.0	20.0
0	Tubing	2 7/8	2.441	6.50	J55	EUE	0.00	20.0	20.0
136	Tubing	2 7/8	2.441	6.50	J-55	EUE	4,395.16	20.0	4,415.2
1	Seating nipple	2 7/8	2.285	0.00		EUE	1.10	4,415.2	4,416.3
1	Drain valve	4	2.441	0.00		EUE	0.58	4,416.3	4,416.9
1	Tubing pup joint	2 7/8	2.441	6.50		EUE	4.00	4,416.9	4,420.9
1	P 18 pump w/ 134 stages	4	0.000	0.00			24.05	4,420.9	4,444.9
1	P 18 pump w/ 44 stages	4	0.000	0.00			8.55	4,444.9	4,453.5
1	Recirculating pump w/ 34 stages	4	0.000	0.00			7.20	4,453.5	4,460.7
1	Gas Separator	4	0.000	0.00			4.30	4,460.7	4,465.0
2	Seal	4	0.000	0.00			12.20	4,465.0	4,477.2
1	Motor	4 1/2	0.000	0.00			14.55	4,477.2	4,491.7
1	Sensor	4	0.000	0.00			4.10	4,491.7	4,495.8
1	Stinger	2	1.991	0.00			3.98	4,495.8	4,499.8

Rod Strings			
Rod Description	Planned Run?	Set Depth (ftKB)	Set Depth (TVD) (ftKB)
Run Date	Run Job	Pull Date	Pull Job

Rod Components							
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)