

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. 30-025-40996
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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: P 600 feet from SOUTH line and 1100 feet from the EAST line Section 25 Township 17S Range 34E NMPM County LEA		8. Well Number 436
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3993' 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 SEE ATTACHED REPORTS , FOR WORK DONE FROM 09/03/2013 THROUGH 09/10/2013 FOR THE COMPLETION OF THIS NEW WELL.

09/16/2013: ON 24 HR OPT. PUMPING 275 OIL, 38 GAS, & 814 WATER. GOR-137

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 12/13/2013

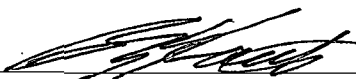
Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:



TITLE

Petroleum Engineer

DATE

Conditions of Approval (if any):

DEC 30 2013



Summary Report

Completion**Complete****Job Start Date: 9/3/2013****Job End Date: 9/10/2013**

Well Name CENTRAL VACUUM UNIT 436		Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,993.00	Original RKB (ft) 4,011.50	Current RKB Elevation 4,011.50, 7/10/2013		Mud Line Elevation (ft) 0.00	Water Depth (ft)

Report Start Date: 9/3/2013

Com

JSA Safety Meeting discussed the job procedure & hazards

Roustabout crew did plumbing work on Surface & Intermediate Casing Valves & filled in cellar

NU 2- Gaurdian Frac Valves & Frac Diverter. Test wellhead to 6000 psi for 10 min & held Okay.

JSA meeting & discussed the job procedure w/ Gray Wireline

RU & TIH w/ 4.641 " OD junk Basket & TIH to Tag Cement Plug @ 5019 ft & correlated back to short Joint

TD Float Collar @ 5033 ft. Tagged up 14 ft above Float Collar.

TOH w/ 4.641" OD Junk Basket Run.

Test 5 1/2" 17# Casing to 6000 psi & held for 10 min w/ 14 psi lost in 5 min

TIH w/ Gray W/L GR-CBL & log well from TD. Pressure up to 1000 PSI on MAIN CBL run.

TON Logging w/ CBL & 1000 psi pressure on casing. No disceinble problems w/ the Bond Log.

SI Well 0 Pressure, close Main Frac Valve. RD W/L Equipment

Travel Time for Rig Crew

Report Start Date: 9/4/2013

Com

JSA SafetyMeeting discussed job procedure & hazards

RU Gray Wireline lubricator & start perforating process as designed.

4324 ft to 4328 ft 8 shots

4337 ft to 4341 ft 8 shots

4356 ft to 4360 ft 8 shots

4362 ft to 4372 ft 20 shots

4378 ft to 4382 ft 8 shots

4388 ft to 4402 ft 28 shots

4407 ft to 4411 ft 8 shots

4463 ft to 4467 ft 8 shots

4612 ft to 4622 ft 20 shots

4625 ft to 4635 ft 20 shots

4640 ft to 4670 ft 60 shots

4672 ft to 4702 ft 60 shots

4719 ft to 4739 ft 40 shots

4765 ft to 4775 ft 20 shots

4788 ft to 4798 ft 20 shots

4804 ft to 4808 ft 8 shots

4810 ft to 4820 ft 20 shots

4828 ft to 4838 ft 20 shots

All guns fired as dessigned & perforating completed

RD Gray Wireline equipment. WELLSI & secure.

Travel Time for Crew

Report Start Date: 9/5/2013

Com

Travel Time for Rig Crew

JSA Safety Meeting & walk thru JSA for RU Pulling Unit

RU Pulling Unit as required. Spot rig on location & secure all lines as designed

Unload PD Tubing from truck to pipe racks

RD Pulling Unit & move from location to facilitate MIRU of Frac Equipment

Debrief & Safety review. Discussed the process of RU & RD Pulling Unit & the hazards involved. Also discussed recent incidents w/ Forklift Operations & the need for communication between all personell working on location.

Travel Time for Rig Crew

MIRU Baker Frac Equipment

Report Start Date: 9/6/2013

Com

JSA Safety Meeting discussed job procedure & Hazards.

Complete RU of Baker Frac Equipment. Off load HCL Acid to FracTanks & roll to blend.

JSA Job Safety Meeting. Discussed Acid Job & Frac Job, 2 Emergency Shower Trailers on location in stratgefic spots on location



Summary Report

Completion
Complete

Job Start Date: 9/3/2013

Job End Date: 9/10/2013

Well Name CENTRAL VACUUM UNIT 436	Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,993.00	Original RKB (ft) 4,011.50	Current RKB Elevation 4,011.50, 7/10/2013	Mud Line Elevation (ft) 0.00
			Water Depth (ft)

Start Breakdown @ 4.8 BPM & broke @ 1649 psi
Increased Rate to 8.1 BPM Injection Rate @ 2103 PSI 57 bbls pumped
Stage #1 Start 15% NEFE HCL Acid @ 10-1-BPM @ 1885 PSI w/ 60 bbls
Stage #2 Start Rock Salt Block w/ Brine Gel w/ 1400# Salt @ 9.7 BPM @ 1836 PSI w/ 27 bbls
Stage #3 Start 15% NEFE HCL Acid @ 1933 psi w/ increase to 1836 PSI @ 10 BPM w/ increase to 2018 psi w/ 59 bbls
Stage #4 Start Rock Salt Block w/ Brine Gel w/ 1400# Salt @ 9.4 BPM @ 1775 PSI w/ 20 bbls
Stage #5 Start 15% NEFE HCL Acid @ 1731 PSI @ 9.8 BPM w/ 60 bbls
Stage #6 Start Rock Salt Block w/ Brine Gel w/ 1400# Salt @ 10 BPM @ 1711 PSI w/ 23 bbls
Stage #7 Start 15% NEFE HCL Acid @ 1548 psi w/ increase to 1647 psi w/ 60 bbls
Stage #8 Start Rock Salt Block w/ Brine gel w/ 1400# Salt @ 9.8 BPM @ 1473 PSI w/ 24 bbls
Stage #9 Start 15% NEFE HCL Acid @ 1363 PSI @ 9.7 BPM w/ 61 bbls
Stage #10 Start Rock Salt Block w/ Brine Gel w/ 1400# Salt @ 10BPM @ 1356 PSI w/ 24 bbls
Stage #11 Start 15% NEFE HCL Acid @ 1125 PSI @ 9.8 BPM w/ 59 bbls
Stage #12 Start Rock Salt Block w/ Brine Gel w/ 1400# Salt @ 9.8 BPM @ 1124 psi w/ 24.2 bbls
Stage #13 Start 15% NEFE HCL Acid @ 929 PSI @ 10 BPM w/ 58.7 BBLs
Stage #14 Start Rock Salt Block w/ Brine Gel w/ 1400# Salt @ 10 BPM w/ 23.9 bbls
Stage #15 Start 15% NEFE HCL Acid @ 704 PSI @ 10 BPM w/ 140.5 bbls
Stage #16 Fresh Water Flush increased rate to 15 bpm @ 1468 psi

ISIP: 902 psi
5 min: 112 psi
10 min: 53 psi
15min 24 psi
Max PSI: 2038 PSI
Avg PSI: 1326 PSI
Brk Down: 1894
Min PSI: 603 PSI
Total Acid: 558.5 bbls
Total Slurry & Flush: 449.5 bbls
Total to Recover: 1008 bbls

RU Gray Wireline Lubricator & 5 1/2" Composite Plug & tets Lubricator to 250 psi Low & 1000 psi high & held.

TIH w/ CBL to 4560 ft & correlate w/ Short Joint Casing Collar & get on depth. (TAGGED UP @ 590 FT TO 600 FT & FELL THRU). Set Gray W/L CBP @ 4560 ft. Moved down from 4550 due to Casing Collar & set CBP.

RD Gray Lubricator

Start 25# Linear Gel Pad @ 33 PSI & bring Rate up to 35 BPM @ 3090 psi. Pump bbls.

Start Viking 2500 Pad @ 3090 PSI @ 35 BPM & pump BLS

Start Viking 2500 w/ 2# Brady Brown Sand @ 3053 psi @ 35 BPM w/ bbls & 3000 lbs of Sand

Start Viking 2500 w/ 3# Brady Brown Sand @ 2927 PSI @ 34.9 BPM & pump 137 bbls into formation & SCREENED OUT w/ 11,000 lbs Sand in casing.

MAX PRESSURE 6296 PSI upon screen out. SD & let pressure fall to about 2900 psi & started pumping again @ 1.1 BPM & pressure increased to 5000 PSI

SD & SI Well.

Max psi: 6299 PSI

Avg psi: 3224 PSI

Max Rate: 34.6 BPM

Avg Rate 33.1 BPM

Total Fluid: 339 bbls

Total Sand: 25,862 lbs

RD Baker Frac Equipment & Gray Wireline Equipment & release from location. Notified Jay Stockton of situation & advised to RD.

Report Start Date: 9/7/2013

Travel Time for Rig Crew

JSA Safety Meeting & discussed job procedure & Hazards

No Pressure on Well. ND Top Frac Valve & Diverter

Install Vetco Casing Back Pressure Valve.

ND Final Frac Valve

NU BOP & Test to 250 psi Low & 500 psi High. & pull Vetco Casing Back Pressure Valve.

Caliper 2 7/8" Elevators. RU 4 3/4" Bit, Bit Sub & Sea - 3 - 3/16" drill Collars w/ 184.29 ft of BHA & TIH w/ 2 7/8" J-55 PD Tubing & tag Frac Sand Fill @ 3738 ft

RU Stripping Rubber & Key Power Swivel

Break circulation & circulate wellbore w/ 10# Brine Water

Tag up on Sand @ 3738 ft & start circulating sand out @ 3.5 BPM @ 425 PSI / 10# Brine Water. Wash down to 4560 ft w/ good sand returns, had some oil saturated sand w/ slight gas when circulating. Circulated wellbore completely clean & RD Power Swivel.

TOH to 4248 ft @ 98 ft above top perf @ 4324 ft.

WELLS, NU TIW Valve w/ Night Cap. Close Pipe Rams & Lock SIFN

Derief Meeting & discussed the days events.



Summary Report

Completion

Complete

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Job End Date: 9/10/2013

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Com

Travel Time for Rig Crew

Report Start Date: 9/8/2013

Com

Travel Time for Rig Crew

JSA Safety Meeting & discussed job procedure & hazards.

No Pressure on the well. TIH w/ 10 Jts of 2 7/8" Tbg & tag CBP @ 4560 ft

Start drilling out CBP @ 45 RPM @ 425 PSI w/ 4 to 6K WOB.

TIH w/ 2 7/8" Tubing @ tag up fill @ 4971 ft w/ 133ft of Rat Hole below bottom Perf @ 4838 ft. Lost circulation w/ 10# Brine in hole & unable to get it back. Notified engineers & decision made to call TD good & TOH.

RD Key Power Swivel Unit & pull back to setting depth for Sub Pump laying down Tbg

TOH w/ 2 7/8" Tubing, Drill Collars & 4 3/4" Bit & lay down drill ollars.

RU Baker Centrilift Sub Pump Equipment & Cable Machine

TIH w/ Baker Centrilift Sub Pump Assy & 2 7/8" 6.5# EUE 8rd Tbg. Tagged up @ 40 ft from surface w/ Sub Pump Assy & Power Cable was crumpled up & could not be used. Notified Jay Stockton that we will need to lay down Sub Pump Assy & run a 4 7/8" Tapered Mill to clear casing of obstruction.

TOH w/ Baker Centrilift Sub Pump laying down equipment.

WELLSI w/ Blind Rams Closed & Locked in place

Debrief Meeting, discussed the days job events

Travel Time for Rig Crew

Report Start Date: 9/9/2013

Com

Travel Time for Rig Crew

JSA Safety Meeting discussed job procedure & hazards

Caliper Elevtors TIH w/ 4 7/8" OD tapered String Mill & ran down to 600 ft w/o contact.

TOH w/ 4 7/8" Tapered Mill & wait on Baker Sub Pump to be delivered to location. Lay down additional 10 jts of Tbg to land Sub Pump @ 4310 ft

JSA w/ Baker Hughes discussed job procedure & hazards of TIH w/ Sub Pump Unit

RU Baker Centrilift Equipment to Rig Floor

TIH w/ Baker Sub Pump Assy attaching Power Cable to Tubing.

RU QCI Tubing Hanger & Wellhead & test to 5000psi & held okay.

RD Enviro Pump Unit

Debrief Meeting discussed the days job events.

Travel Time for Rig Crew

Report Start Date: 9/10/2013

Com

Travel Time for Rig Crew

JSA Safety Meeting. Discussed Job Procedure & Hazards

NU Tee on wellhead Vale & install Bull Plug w/ Gage, 2 Flow Valves for Production Equipment.

RD Pulling Unit & move off of location.

***** FINAL REPORT WELL TURNED OVER

TO PD DEPT *****