

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

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

MAY 24 2011
RECEIVED

WELL API NO. 30-025-39096
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CENTRAL DRINKARD UNIT
8. Well Number 437
9. OGRID Number 4323
10. Pool name or Wildcat DRINKARD

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR	
2. Name of Operator CHEVRON U.S.A. INC.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	
4. Well Location Unit Letter B: ⁶⁶⁰ 1340 feet from the NORTH line and ²⁴⁸⁶ 50 feet from the EAST line Section 29 Township 21S Range 37E 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:

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: INTENT TO RE-PERF, ACIDIZE

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.

CHEVRON U.S.A. INC. INTENDS TO RE-PERFORATE THE EXISTING PERFS USING STIM GUN, AND ACIDIZE.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144 INFO.

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

Denise Pinkerton

TITLE

REGULATORY SPECIALIST

DATE 05-20-2011

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

State Rep

TITLE

State Rep

DATE 5-26-2011

Condition of Approval: Notify OCD Hobbs office 24 hours prior to running MIT Test & Chart.

MAY 25 2011

Central Drinkard Unit #437

Drinkard

T21S, R37E, Section 29

Job: Re-perf existing perfs Using Baker Stim Gun and Acidize

Procedure:

1. Displace injection line with fresh water. Have field specialist close valve at header. Pressure test injection line to 2000 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report. **Note: Prior to performing this step of the procedure, ensure that all valves, pipe, and fittings that will be exposed to test pressure are rated higher than the planned test pressure.**
2. MI & RU workover unit. Bleed pressure from well, if any. Test BOP to 500 psi before unset pkr. Pump down tbg with 8.6 PPG cut brine water, if necessary to kill well. ND WH. NU BOP's w/ 2-3/8" pipe rams and blinds on bottom and test as required.
3. Release pkr at 6489'. POH and stand back 2 3/8" IPC TK-99 J-55 injection tbg string. LD on-off tool and packer. Talley tbg out of the hole.
4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 2000 psi. GIH with 3 3/8" EHC Predator XP guns w/ Stim Gun Sleeves (23.5 Gm. 40" EHD 48" TTP) and perforate from 6548 - 58', 6564 - 69', 6573 - 76', 6596 - 6605', 6632 - 37', 6642 - 48' in separate runs, per Baker Atlas recommendation. **Ensure that FL in wellbore is > 100' from surface prior to perforating.** POH. RD & release electric line unit. **Note: Correlate logs and use csg collars from Schlumberger, CBL/GR/CCL dated 1/20/2009 for depth correction.**
5. PU and GIH with new 5 1/2" x 2 3/8" NP lock-set pkr, pump out plug, and on-off tool w/ 1.78" F profile 2 3/8" IPC inj tbg string testing to 5000 psi. Set pkr at 6480'. Release on-off tool and circ well w/ corrosion inhibited pkr fluid. Re-engage on-off tool. Pressure test csg and pkr to 500 psi. Observe casing pressure during acid job to monitor for communication. Pump out Plug. Pump down 2 3/8" IPC tubing and perform acid job and step-rate test using 5,000 gals antisludge 15% HCl acid *** and 262 bbls 8.5 PPG cut brine water. Observe a maximum surface pumping pressure of 5500 psi. Pump job as follows:

Pump 50 bbls 8.5 PPG cut brine water at 3 BPM

Pump 5,000 gals acid at 3 BPM

Pump 26 bbls 8.5 PPG cut brine water at 3 BPM

Shut down and wait 1 hour for acid to spend

Open well and load hole with 8.5 PPG cut brine at 1 BPM

Pump 10 bbls 8.5 PPG cut brine water at 1/2 BPM

Pump 20 bbls 8.5 PPG cut brine water at 1 BPM

Pump 30 bbls 8.5 PPG cut brine water at 1 ½ BPM
Pump 40 bbls 8.5 PPG cut brine water at 2 BPM
Pump 50 bbls 8.5 PPG cut brine water at 2 ½ BPM
Pump 60 bbls 8.5 PPG cut brine water at 3 BPM.

Shut down and record ISIP, 5, 10, & 15 minute SIP's. Have Petroplex send entire acid job and step-rate treating report to Chevron Engineer (ivpi@chevron.com; nsou@chevron.com) Bleed pressure from casing. RD and release Petroplex. **Note: While performing step-rate test it is imperative that each stage achieve a stabilized surface pumping pressure. Extend each stage as needed to maintain a stabilized pump pressure for at least 10 minutes prior to going to the next pump rate. Have 400 bbls 8.5 PPG cut brine water on location to provide for extended stages.**

*** Acid system is to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agent
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

6. ND BOP's and NU WH. Conduct MIT test. Pressure test 5 ½" csg to 500 psi and record chart for 30 minutes. Send scanned copy of chart to Denise Pinkerton (JLBM) for filing with NMOCD. Rig down and release workover unit. **Note: Notify NMOCD of MIT Test with 48 hours advance notice.**
7. RDMO
8. Turn well over to production. Report injection rates and tubing pressures.

Nami Southern
3/1/2011
Engineer – Nami Southern
432-687-7373 Office
979-739-6088 Cell
Baker Wireline: Doug Lunsford: 432-559-0396
MP: Donny Ives: 575-390-7182
ALCR: Shannon Richardson: 575-631-9108

Ivan Pinney

Ivan Pinney
432-687-7849 Office
281-796-9252 Cell
OS: Danny Lovell: 575-394-1242
DS: Boyd Schaneman: 432-238-3667
Petroplex: Robert Denney 575-390-4510

Central Drinkard Unit #437

Location:

660' FNL & 2486' FEL, Sec-29 T-21S, R-37E
Unit Letter: B
Field: Drinkard
County: Lea
State: New Mexico
Area: Euince

Well Info:

Spud Date: 11/14/2008
API: 30-025-39096
Cost Center: UCU410400
WBS#: UWDPS-F8008
RefNO: LB5045
Lease: Fee

Current Wellbore Diagram

Elevations:

DF:
KB: (22') 3498'
GL: 3476'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Vary what is in the hole with the well file in the Euince Field Office. Discuss w/ WED Engineer, WFO Rep. OS, ALS & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

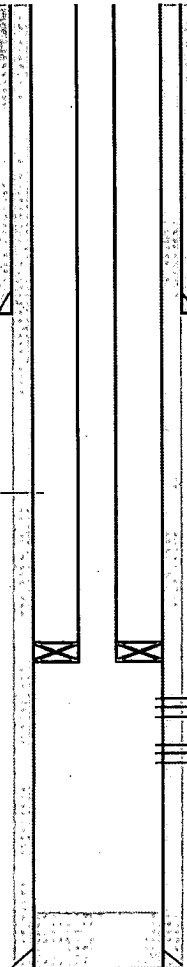
DV tool @ 3764

5-1/2" Nickel Coated Inj. Pkr @ 6482'

Tbg Details

205 jls 2-3/8" J-55 TK-99 IPC tbg
 On-off tool w/ 1.78 SS "F" profile nipple
 5-1/2" x 2-3/8" Arrowset AS-1X nickel pltd
 pkr w/pump out plug
 EOT @ 6489'

Updated: 9-Mar-11
By: aohl



Surface Casing

Size: 8 5/8", 24#, J-55 STC
Set @: 1236'
With: 490 sx
Hole Size: 11"
TOC: Surface
By: Circulation

Porfs

Porfs	Status
6548-58'	Drinkard - Open
6564-69'	Drinkard - Open
6573-76'	Drinkard - Open
6596-6604'	Drinkard - Open
6632-37'	Drinkard - Open
6642-48'	Drinkard - Open

Production Casing

Size: 5 1/2", 15.5# J-55 LTC
Set @: 6742'
With: 1330 sx
Hole Size: 7 7/8"
TOC: Surface
By: Circulation

PBTD: 6725'
TD: 6755'

Central Drinkard Unit #437

Location:

660' FNL & 2488' FEL, Sec-29 T-21S, R-37E
 Unit Letter: B
 Field: Drinkard
 County: Lea
 State: New Mexico
 Area: Euince

Well Info:

Spud Date: 11/14/2008
 API: 30-025-39096
 Cost Center: UCU410400
 WBS#: UWDPS-F8008
 RefNO: LB5045
 Lease: Fee

Proposed Wellbore Diagram

Elevations:

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 GL: 3476'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Euince Field Office. Discuss w/ WFO Engineer, WFO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

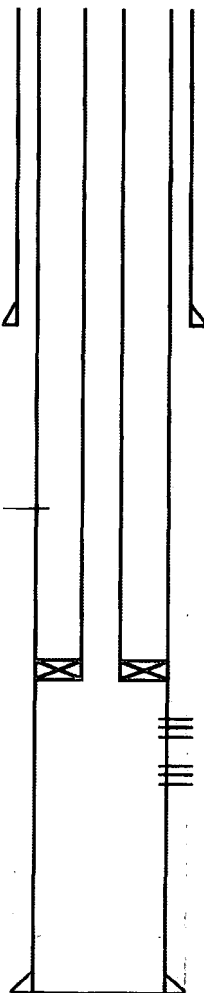
DV tool @ 3764

5-1/2" Nickel Coated Inj. Pkr @ 6480'

Tbg Details

2-3/8" J-55 TK-99 IPC tbg
 On-off tool w/ 1.78 SS 'F' profile nipple
 5-1/2" x 2-3/8" Lockset NP pkr
 w/pump out plug

Updated: 9-Mar-11
 By: aoh1



Surface Casing

Size: 8 5/8", 24#, J-55 STC
 Set @: 1236'
 With: 490 sx
 Hole Size: 11"
 TOC: Surface
 By: Circulation

Perfs

Status

6548-58' Reperf with StimGun
 6564-69' Reperf with StimGun
 6573-76' Reperf with StimGun
 6598-6604' Reperf with StimGun
 6632-37' Reperf with StimGun
 6642-48' Reperf with StimGun

Production Casing

Size: 5 1/2", 15.5#, J-55 LTC
 Set @: 6742'
 With: 1330 sx
 Hole Size: 7 7/8"
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