

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Acoma, NM 88201
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
May 27, 2004

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

WELL API NO. 30-025-06853 ✓
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 101 ✓
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 ☒ Gas Well ☐ Other ☒

2. Name of Operator
CHEVRON U.S.A. INC. ✓

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location
Unit Letter A: 554 feet from the NORTH line and 766 feet from the EAST line
Section 28 Township 21-S Range 37-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3448' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	P AND A <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL <input type="checkbox"/>	
OTHER RETURN TO PRODUCTION	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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO RETURN THE SUBJECT WELL TO PRODUCTION.
THE INTENDED PROCEDURE, AND CURRENT & PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Denise Pinkerton TITLE: Regulatory Specialist DATE 11-04-2008

Type or print name Denise Pinkerton E-mail address: leakejd@chevron.com

Telephone No. 432-687-7375

For State Use Only

APPROVED BY: [Signature] TITLE: PETROLEUM ENGINEER DATE: NOV 12 2008

Conditions of Approval:

OCD requires the Operator to complete a 24 hours production test and submit on form C-104 Request for Allowable before producing this well. Accompanied by Subsequent report on C-103 with dates and what was done, perfs producing from, along with tubing size and depth

Central Drinkard Unit #101
30-025-06853
T21S, R37E, Section 28
Unit Letter A
554' FNL & 766' FEL
Job: Return to Production

10/28/2008

Procedure:

1. *This procedure 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 10/28/2008. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*
2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 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.
3. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. Remove WH. Install BOP's and test as required.
4. PU and GIH with 6 1/4" MT bit on 2-7/8" workstring to cement retainer at 6300'. LD and drill cement retainer, cement, and cast iron bridge plug at 6410'. Continue to drill cement to second cast iron bridge plug at 6450'. Continue to RIH and tag top of fish. Notify engineering where TOF is located. POH w/ workstring and bit. LD bit.
5. PU and RIH w/ 7" packer, retrieving head, and retrievable bridge plug on 2-7/8" workstring to 6500'. Set RBP at 6500'. PU and set packer at 6495' and test RBP to 350 psi. Bleed pressure. Raise packer to 6300' and set. Pressure test cement squeeze to 350 psi. **If squeeze does not hold, notify engineering and establish injection into leak and notify engineering of rate and pressure.**
6. Release packer and lower down to RBP at 6500'. Release RBP and POH. LD packer and RBP. PU and RIH w/ cut-lip guide, overshot and bumper jars on 2-7/8" workstring to top of fish. LD and latch onto fish. POH and LD fish and fishing assembly.
7. RIH w/ flat bottom mill on 2-7/8" workstring to 6425'. Tag cement on top of CIBP at 6425'. POH and LD mill.
8. MIRU WL. RIH and Perforate Drinkard with 3 3/8" RHSC Gunslinger EXP-3325-321T casing guns (0.42" EH & 47" penetration) loaded with 4 SPF 120° phasing and 25 gram charges as follows:

Top	Bottom	Net Ft	No. Perfs
6462	6466	4	16
6475	6483	8	32
6489	6497	8	32
6510	6518	8	32
6582	6589	7	28
6598	6606	8	32
6613	6618	5	20

Tie back to Frontier Isotron Log dated 04/21/1963 for depth correlation

9. RIH w/ 7" PPI packer w/ SCV and 10' element spacing. Test PPI packer in blank pipe. Mark Settings.
10. MI & RU DS Services. Acidize perfs 6462-6618' with **2,100 gal** 20% NEFE HCl acid* at a maximum rate of **2 BPM** and a maximum surface pressure of **4000 psi** as follows:

Interval	Amt Acid	Rate	PPI Setting
6613-6618'	300 gal	2 BPM	6610-20'
6598-6606'	300 gal	2 BPM	6597-6607'
6582-6589'	300 gal	2 BPM	6581-91'
6510-6518'	300 gal	2 BPM	6509-19'
6489-6497'	300 gal	2 BPM	6488-98'
6475-6483'	300 gal	2 BPM	6475-85'
6462-6466'	300 gal	2 BPM	6458-68'

Displace acid with 8.6 PPG cut brine water -- do not over displace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services. **Note: If communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 500 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.**

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

11. Release PPI & PU to approximately 6400'. Set pkr @ 6400'. Fish SCV. Leave well shut in for three hours to allow acid to spend. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered volumes, pressures, and/or swabbing fluid levels.
12. Open well. Release PPI pkr. POH w/ tbg and PPI pkr. LD PPI tool. PU and RIH w/ 7" retrievable bridge plug and packer. RIH to 6575' and set packer. Selectively swab the Drinkard interval as follows:

Interval	Packer	RBP	Water Sample?
6582'-6622'	6575'	Swinging	Yes
6462'-6518'	6450'	6525'	Yes

Attempt to establish a constant rate and fluid level for each of the intervals. Report recovered volumes, pressures, fluid levels, and oil cut. Catch water samples from each interval and deliver to Eunice Office. Notify engineering when water samples are available for pickup at office.

13. RD swab. Release packer and retrieve RBP. TOH and LD packer, RBP, and 2-7/8" workstring.
14. PU and GIH w/ 2-7/8" production tubing as per ALS recommendation. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release workover unit.
15. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Engineer – Richard Jenkins
432-687-7120 Office
432-631-3281 Cell

Well **CDU # 101**

Field **Drinkard**

Reservoir **Drinkard**
Status: **TA'd**

Location:

554' FNL & 766' FEL
Section 28
Township 21S
Range 37E
County Lea State NM

Elevations:

GL 3444'
KB 3445'

**Current
Wellbore Diagram**

Well ID Info:

Refno FA7950
API No 30-025-06853
L5/L6 UCU410400
Spud Date 5/1949
Compl Date 6/11/1949

Surf. Csg: 13 3/8", 48#, H-40
Set: @ 305' w/ 300 sks
Hole Size: 17 1/4"
Circ: Yes TOC: Surface
TOC By: Circulated

Interm. Csg: 9 5/8", 36#, H-40
Set: @ 2800' w/ 1300 sks
Hole Size: 12 1/4"
Circ: no TOC: 1285'
TOC By: calculation

Perfs: Status
3652', 3676' never produced - sqzd
3693', 3717' never produced - sqzd

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Cement Retainer @ 6300'

Casing Leak between 6350'-6414'

CIBP @ 6410'

CIBP @ 6450' w/ 35' cmt

Fish Detail	TOF @ 6590'
4'	2-3/8" Perf Tubing Sub
31'	BPMA Jt 2-3/8" Tbg
35'	<= Total Length

CIBP @ 6645' w/ 20'

Perfs: Status
6516'-18' Drinkard - Below CIBP
6546'-48' Drinkard - Below CIBP
6569'-71' Drinkard - Below CIBP
6604'-06' Drinkard - Below CIBP
6636'-38' Drinkard - Below CIBP

1/89 tested csg 6706-7334', leaked, IR 6 bpm on vac Tested 6736-7334' to 1000# ok, tested 6675-7334', leaked (appears csg problem btwn 6675' and 6736')

CIBP @ 7350' w/16' cmt

Perfs: Status
7390-7490' Hare Simpson- McKee Open below CIBP
7520-7550' Hare Simpson- McKee Open below CIBP

Prod. Csg: 7", 23#, N-80 & J-55
Set: @ 7600' w/ 700 sks
Hole Size: 8 3/4"
Circ: no TOC: 2060'
TOC By: Calculated

Drillable BP @ 7595' w/10' cmt to 7585'

Liner: 5 5", 17#, Hydrill N-80
Set: @ 7720' w/10 sks
Hole Size: 6 1/4"
Circ: yes, TOL 7566'

PBTD: 6627'
TD: 7720'

Perfs: Status
7626-40' Hare Simpson- Connell Abandoned 5-8-
7660-74' Hare Simpson- Connell Abandoned 5-8-
7692-7710' Hare Simpson- Connell Abandoned 5-8-

By: rjdg

Well **CDU # 101**

Field **Drinkard**

Reservoir **Drinkard**
Status **Producing**

Location:

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Township 21S
Range 37E
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Proposed
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Casing Leak between 6350'-6414'
(cmt sqz'd 2008)

Perfs: **Status**
6462-66' Drinkard - Open
6475-83' Drinkard - Open
6489-97' Drinkard - Open
6510-18' Drinkard - Open
6546'-48' Drinkard - Believed to be Thief Zone
6569'-71' Drinkard - Believed to be Thief Zone
6582-89' Drinkard - Open
6598-6606' Drinkard - Open
6613-18' Drinkard - Open

6636'-38'

1/89 tested csg 6706-7334', leaked, IR 6 bpm on vac. Tested 6736'-7334' to 1000# ok, tested 6675'-7334', leaked (appears csg problem btwn 6675' and 6736')

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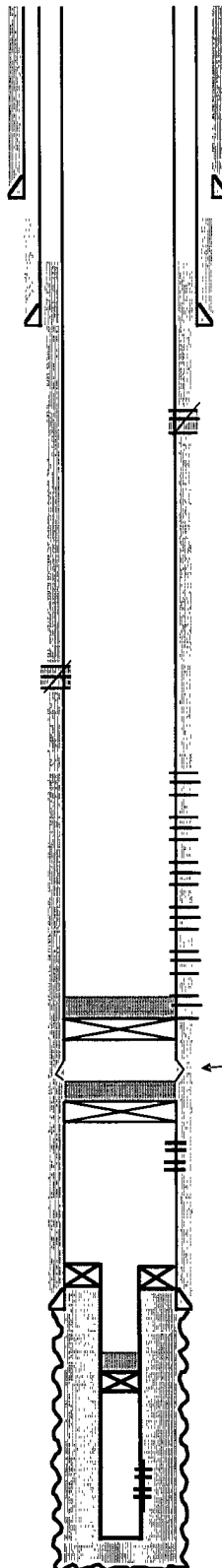
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