

Submittal 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 August 1, 2011

HOBBBS OGD CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
SEP 17 2012

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. 30-025-25224 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>INJECTOR</u>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" 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 DRINKARD UNIT ✓
4. Well Location Unit Letter B: 910 feet from the NORTH line and 1857 feet from the EAST line Section 29 Township 21-S Range 37-E NMPM County LEA		8. Well Number 413 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323 ✓
		10. Pool name or Wildcat DRINKARD

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: COIL TBG CLEAN OUT, & 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 CLEAN OUT WITH COIL TBG, & ACIDIZE THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, AND C-144 INFORMATION.

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: 09-12-2012

Type or print name: DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

APPROVED BY: Mark Whitlam TITLE: Compliance Officer DATE: 09-18-2012

Conditions of Approval (if any):

SEP 18 2012

Central Drinkard Unit #413 WI
Drinkard
T21S, R37E, Section 29
N 32° 27' 16.596", W -103° 10' 54.912" (NAD27)
Job: Through Tubing Coil Tubing Clean Out, Acid job

8.16.2012

Procedure:

- ❖ **Set up an exclusion zone on your coiled tubing operations and discuss in the JSA the area from the wellhead to the unit and to the crane (essentially the area below the goose neck and coil) to ensure we do not have people in these areas when the coil is being run in or out of the well.**
- 1. Verify that braden head does not have pressure or flow. If braden head has pressure or flow contact remedial engineer. Prior to CT RU shut in well.

**This well has 2 3/8" J-55 IPC tbgr. 1.5" Profile, smallest ID expected is 1.5". Ran Wireline on 2.14.2012 w/ 1.25" bar, 1.375" bit thru profile for tubing CT acid job. (PBSD 6,624', 31' of fill). Please see WBS package for a copy of tag report and previous WellView report.
- 2. Prep Work; MI open top flow back tank and RU flow back manifold. Notify OCD 24 hours prior to MIRU CTU **575-393-6161**. (Ensure that manifold and lines have been tested to 5,000 psi prior to being on location.)
- 3. MI & RU 1.25" coil tubing unit. NU 2" swage and 3-1/16" Bowen connection to gate valve (verify that valve is rated to 5000 psi and is large enough for 1.25" CT replace if required).
- 4. PU 1.25" CT injector and run out pipe to attach BHA. PU & MU 1.25" roll-on internal CT connector, 1.25" double flap check valve and 1.25" Sonic Hammer Tool.
- 5. Fill CT with FW. Pull CT back up into injector and make up Quad CT BOP to injector head w/ flow tee. PU injector head and BOP, lower onto WH. MU Bowen hand union on BOP to WH crossover. Keep crane in bind to make up for increased pipe weight in hole. **WH is not designed to hold weight. Test BOP to 500 low, 5000 high (if valve is rated to 5000 psi do not exceed equipment maximum rated working pressure).**
- 6. Open WH and prep to RIH. Open WH flowline.
- 7. RIH to ~1000' (no greater than 50 ft/min), perform weight check. Perform weight checks every additional 1000' to TD, unless a tag occurs. (if tag occurs, perform weight check before washing through fill)
- 8. Wash out 50' intervals with gel pills in between, fill from 6,624' to 6,655' if possible. Spot acid and pull CT up out of it as needed (allow acid to spend for ten minutes before continuing to wash through scale) to break down scale. (Circulate bottoms up from current depth if acid is spotted to break up scale). (EOT at 6,459', Fill at 6,514' and PBSD at 6,655')
- 9. Once TD is reached, circulate twice bottoms up with 10 bbl gel pill w/ dye, shut in backside and begin pumping acid. Wash over perforations from 6,533'-6,655', in three passes, up, down, up **with 4,000 gals 15% NEFE HCl acid*** at a maximum bottom-hole rate of **1 BPM** and a maximum surface pressure of **5000 psi (do not exceed equipment maximum rated working pressure)**, Displace acid to bottom perf at 6,655'.

* Acid system is to contain:

8 gal	HAI-OS (corrosion inhibitor)
4 gal	Losurf-300D (surfactant)

POOH above packer (6,514') pumping minimum rate, displace coil w/ fresh water to flowback tank containing soda ash to neutralize acid. While displacing, maintain same flowrate in as flowrate out to allow remaining acid to stay below end of coil. Shut in for 1 hour for the acid to spend.

10. RDMO Coiled Tubing. Shut in overnight.

11. Turn well over to production. Report injection rates, choke sizes and injection pressures.

Contacts:

		<u>Office</u>	<u>Cell</u>
Technical Team Leader:	Denise Wann	432-687-7380	432-238-4238
Production Engineer:	Derek Nash	432-687-7506	720-231-9993
Remedial Engineer:	Larry Birkelbach	432-687-7650	432-208-4772
Routine WW:	Steve Jackson	432-687-7271	432-813-5183
	C.W. Freeman	432-687-7616	432-634-4291
Geology:	Malcolm Rowland	432-687-7807	
Operations:	Bobby Hill	575-394-1245	575-631-9108
	Danny Lovell	575-394-1242	575-390-0866
	Clarence Fite	575-394-1222	575-631-9084
Peak Completions:	Randy Good		575-631-7543
Schlumberger:	Hobbs Office	575-393-6186	
Baker Petrolite:	Dexter Nichols		575-390-4356
Petroplex:	Robert Denny	432-563-1299	575-390-4510
Sonic Hammer	John Ridge		575-631-9381
Guardian	F. Sisneros	575-390-8531	
Vetco Gray	Jesse Acosta	432-634-0193	
Coil Tubing- Cudd	Tony Drainer	432-563-3356	
Coil Tubing- Baker	Jeff Harris	432-557-0456	
Coil Tubing- Halliburton	Brandon Lee	432-557-2151	
Flowback	Pro Well Testing	575-397-3590	

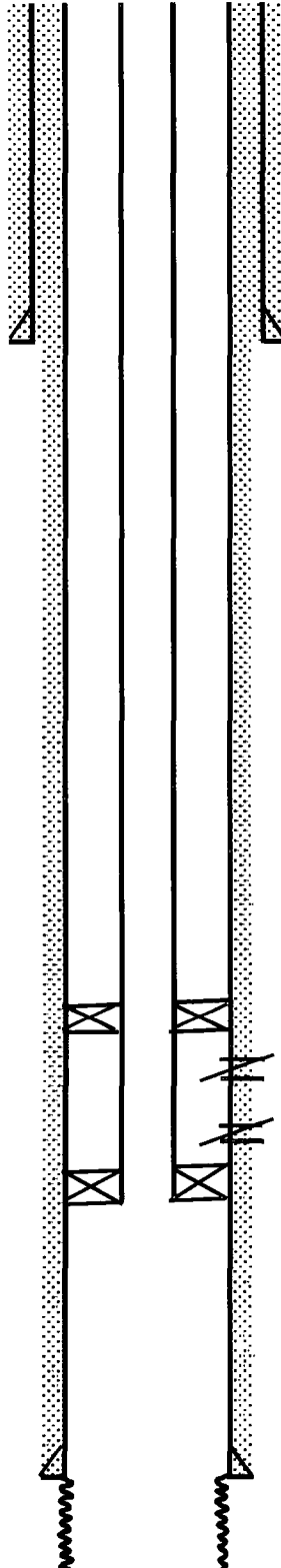
Well: **CDU # 413**Field: **Drinkard**Reservoir: **Drinkard Oil****Location:**

910FNL & 1857' FWL
 Section: 29 Unit Letter: C
 Township: 21S
 Range: 37E
 County: Lea State: NM

Elevations:

GL: 3472'
 KB: '12
 DF: '

**Current
Wellbore Diagram**

**Well ID Info:**

Refno: EO8690
 API No: 30-025-25224
 L5/L6: UCU410400
 Spud Date: 1/15/76
 Initial Compl. Date: 4/22/76

Surf. Csg: 8 5/8", 24#, K-55
Set: @ 1250' w/ 550 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

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 Eunice Field Office. Discuss w/ WEO Engineer, W0 Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

<u>Tbg Details</u>	<u>Size</u>	<u>Lqth.ft</u>	<u>Top Depth</u>
KB		12	0
200 jts. 2-3/8 IPC tbg TK-70		6330	12
5 1/2"x2- 3/8" Hydraulic Pkr		2	6342
5 jts. 2 3/8" IPC/EPC Tbg		161	6345
5 1/2" x 2 3/8" AS-1X Pkr			
w/ 1.5 F SS Nipple		9	6505
2 3/8 pump out plug		0.4	6514
205 EOT		6515	

5 1/2" x 2 3/8 Hydraulically Set Pkr @ 6351'

5 1/2" x 2 3/8 AS-1X Pkr @ 6514'
 1.5 F profile

EOT

COTD: 6655'
 PBTD: 6655'
 TD: 6655'

Updated: 6/22/2009
By: N. Southern
Based on: June 2008 WO

Perfs: Status

6420-22' Drinkard Gas - Cmt Sqzd
 6438'-63' Drinkard Gas - Cmt Sqzd

Prod. Csg: 5 1/2", 15.5#, K-55**Set:** @ 6533' w/ 800 sks cmt**Hole Size:** 7 7/8"**Circ:** Yes **TOC:** Surface**TOC By:** Circulated

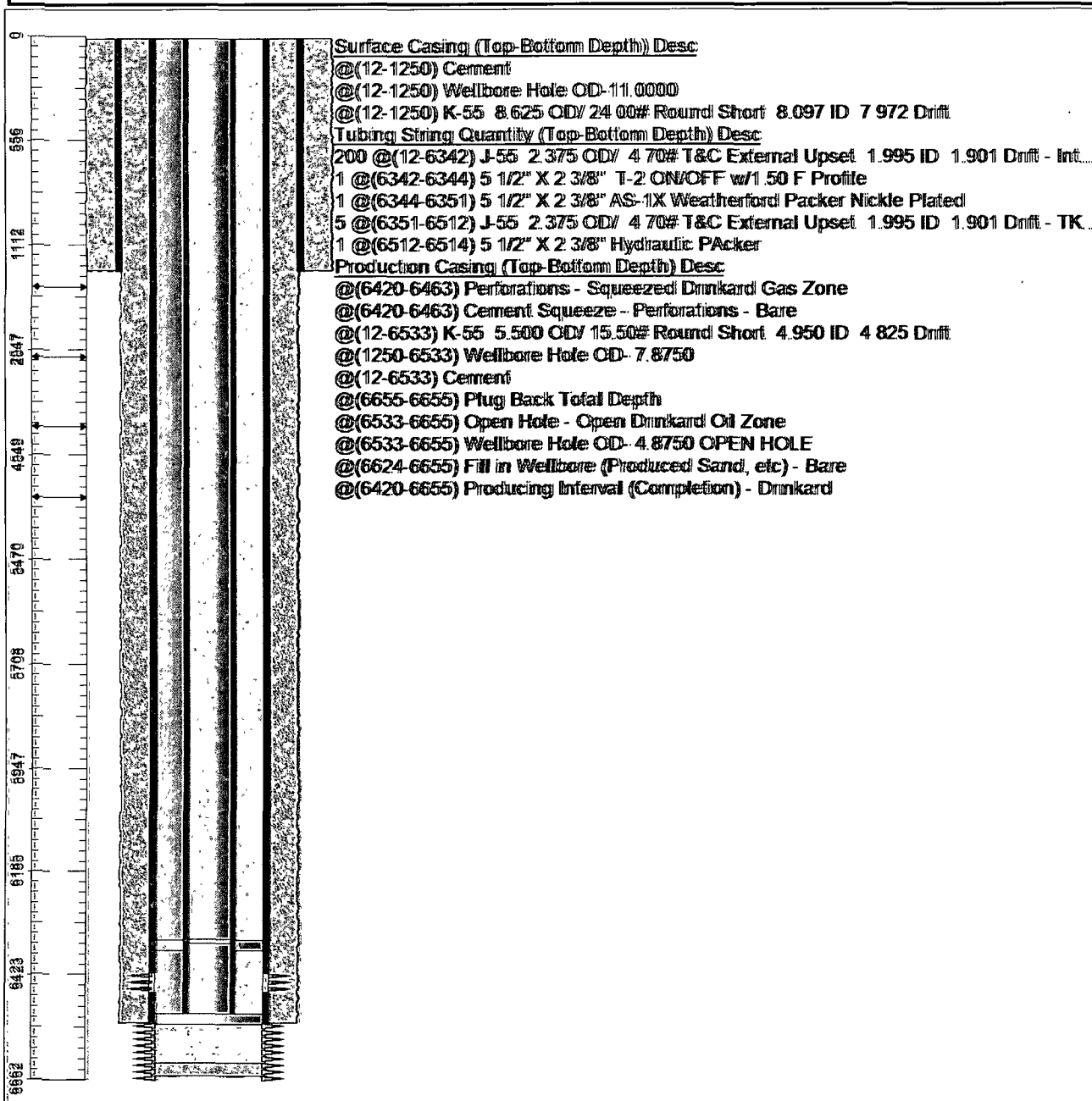
2.14.2012 1.25" bar tag @ 6,624'

Perfs: Status

6533-6655' Drinkard Oil - Open Hole

Chevron U.S.A. Inc. Wellbore Diagram : CDU413

Lease: OEU EUNICE FMT		Well No.: CENTRAL DRINKARD UNIT 413	Field: FLD-DRINKARD	
Location: 910FNL1857FEL		Sec.: N/A	Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: EO8690	API: 3002525224	Cost Center: UCU410400
Section: 29		Township: 021 S		Range: 037 E
Current Status: ACTIVE			Dead Man Anchors Test Date: 01/16/2007	
Directions:				



Ground Elevation (MSL):: 3472.00	Spud Date: 02/15/1976	Compl. Date: 03/15/1976
Well Depth Datum:: CSI0000N	Elevation (MSL):: 0.00	Correction Factor: 12.00
Last Updated by: dncu	Date: 03/06/2012	