

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

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

WELL API NO. 30-025-06893
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 160
9. OGRID Number 4323
10. Pool name or Wildcat DRINKARD
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 WTR INJECTION

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

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

4. Well Location
Unit Letter E 1980 feet from the NORTH line and 660 feet from the WEST line
Section 29 Township 21-S Range 37-E NMPM County LEA

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 OPERATIONS ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐

OTHER: TUBING CLEAN OUT & ACIDIZE

11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

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 THE TUBING AND ACIDIZE THE SUBJECT WELL.

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

The Oil Conservation Division

Condition of Approval: notify

Spud Date: **MUST BE NOTIFIED 24 Hours**
Prior to the beginning of operations

Rig Release Date:

OCD Hobbs office 24 hours
prior of running MIT Test & Chart

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: 06-01-2012

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

APPROVED BY: [Signature] TITLE: SPM MGR DATE: 6-4-2012
Conditions of Approval (if any):

JUN 07 2012 Chm

Central Drinkard Unit #160 WI
Drinkard

4.11.2012

T21S, R37E, Section 29

N 32° 27' 6.012", W -103° 11' 27.456" (NAD27)

Job: Through Tubing Coil Tubing Clean Out, Acid job

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 tbg, a possible unknown on/off tool and a 7" PKR. Unknown/no Profile, smallest ID expected is 1.43" - 1.78". Ran Wireline on 2.15.2012 w/ 1.25" bar, 1.375" bit thru profile for tubing CT acid job. (PBSD 6,655', 33' of fill)

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)

Wash out 50' intervals with gel pills in between, fill from 6,622' 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 6,518', Fill at 6,622' and PBSD at 6,655')

8. 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 6,554'-6,648', 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 6,648'.

* Acid system is to contain:

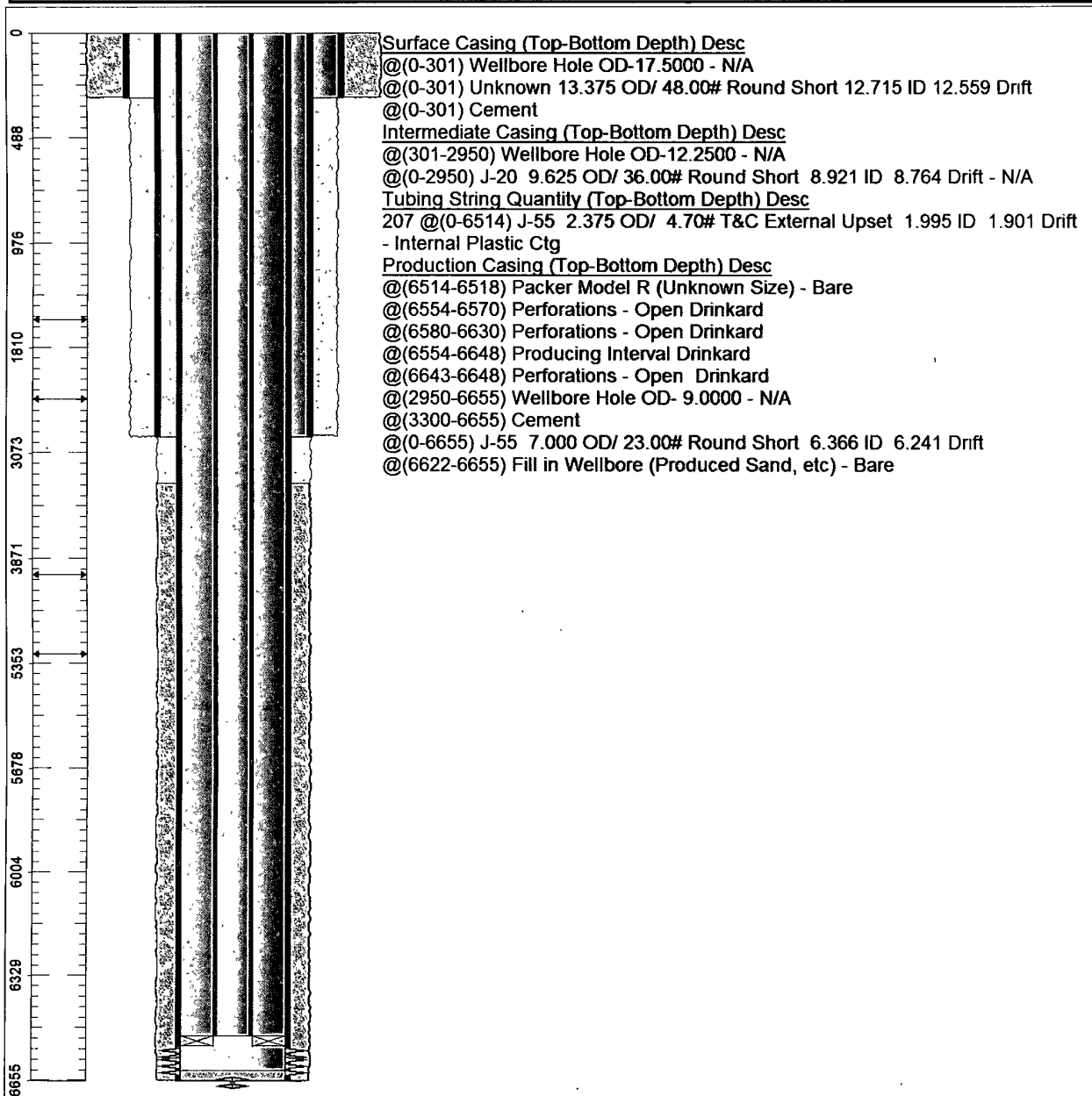
8 gal	HAI-OS (corrosion inhibitor)
4 gal	Losurf-300D (surfactant)

POOH above packer (6,518') 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.

9. RDMO Coiled Tubing. Shut in overnight.
10. Turn well over to production. Report injection rates, choke sizes and injection pressures.

Chevron U.S.A. Inc. Wellbore Diagram : CDU160WI

Lease: OEU EUNICE FMT		Well No.: CENTRAL DRINKARD UNIT 160		Field: FLD-DRINKARD	
Location: 1980FNL660FWL		Sec.: N/A		Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: FA7990		API: 3002506893	Cost Center: UCU410400
Section: 29		Township: 021 S			Range: 037 E
Current Status: ACTIVE				Dead Man Anchors Test Date: NONE	

Directions:

Ground Elevation (MSL):: 0.00	Spud Date: 01/13/1970	Compl. Date: 12/01/2002
Well Depth Datum:: CSI0000N	Elevation (MSL):: 0.00	Correction Factor: 0.00
Last Updated by: dncu	Date: 03/06/2012	

WELL DATA SHEET

FIELD: Drinkard
LOC 1980FSL, 660 FEL
TOWNSHIP:
RANGE: 37E

WELL NAME: Central Drinkard Unit # 160
SEC 29 T21S-R37E **GL: 3492'**
COUNTY: Lea **KB to GL: '**
STATE: NM **DF to GL: '**

FORMATION: Drinkard
CURRENT STATUS: IJ
API NO: 3002506893
FA7990

Date Completed. 3-14-48	Initial: Production
Initial Formation: Drinkard	305 BOPD
FROM: 6570 TO: 6630	0 BWPD

Completion data:

March 1948. perf Drk 6580-6630 w/ 6 SPF (150 holes), acidize w/ 2000gal 20% low tension acid

Subsequent Workover or Reconditioning:

(3-15-74) perf @ 6644-48, 6566-70, 6554-58, acidize w/ 7000gal 15% NEFE HCL in 5 stages

(4-28-74) start inj, 450 BW in 22hrs

(6-27-80) acidize w/ 500gal 15% NEFE, inj rate before: 127bbl, inj rate after. 327bbl

(9-9-86) acidize perms w/ 1000gal 15% NEFE HCL

9/04- CO w/1 1/4" CT using 2Mgals

1/06- Tagged 6655' no fill. Ac w/ 6000 gals + 2500 # RS.

2.2012 tagged @ 6,622 w/ 1.25" slickline

13-3/8" OD
Set @ 301' w/ 250 sx

9-5/8" OD, 36, 40, 42# J-55
csg set @ 2950'
w/ 1000 sx cmt
TOC @ 3300' by calc.

2 3/8" IPC
Baker Model R @ 6514'
no profile

7" OD, 23#, Gr. N-80 & J-55
csg @ 6655' w/ 550 sks cmt
TOC @ 3300'

Fill @ 6,622'
1.25" Slickline Tag

TD @ 6655'
No open hole interval (SMI)

FILE: CDU160.XLS
DNCU 3.6.2012