

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, Mineral and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

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. 30-025-36619
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☒ W/O		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator J. COOPER ENTERPRISES, INC.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 65 MONUMENT, NM 88265		7. Lease Name or Unit Agreement Name COOPER B
4. Well Location Unit Letter H : 1850 feet from the NORTH line and 630 feet from the EAST line Section B Township 20S Range 37E NMPM County LEA		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3550' GL		9. OGRID Number Z44835
		10. Pool name or Wildcat MONUMENT - SAN ANDRES

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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.

REPAIR POTENTIAL HOLE IN 3 1/2" INJECTION TUBING PER THE ATTACHED PROCEDURE.

Prepared By: **PW**

Date: **9/10/19**

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE **[Signature]** TITLE **AGENT - HELMS OIL & GAS** DATE **9/10/19**
Type or print name **MICHAEL STEWART** E-mail address: **mstewart@helmsoil.com** PHONE: **(482) 682-1122**
For State Use Only
APPROVED BY: **Kerry Fortner** TITLE **C. O. A** DATE **9-12-19**
Conditions of Approval (if any)

J Cooper Enterprises – Cooper 8 #2 SWD
1,850' FNL & 630' FEL, Unit H
Sec 8, T-20-S, R-37-E, Lea Co NM
API No 30-025-36529
Lat - 32° 35'5.90"N, Long - 103° 15'59.11"W

9/4/19

Wellbore Data

- Surface 12.25" hole TD @ 1,135'
 - 8-5/8", 24 #/ft., J-55, STC Casing set @ 1,135'
 - Cemented w /
 - Lead 320 sx Class "C" Halliburton Light w/ 2% CaCl + ¼ pps Flocele @ 12.5 ppg, 1.95 cuft/sx.
 - Tail 200 sx Class "C" PP w/ 2% CaCl @ 14.8 ppg, 1.34 cuft/sx.
 - TOC @ Surface. Circ 140 sx.
 - Production 7.875" hole TD @ 7,500'
 - 5-1/2", 17.0 #/ft., N-80, LTC Casing set @ 7,500'
 - Cemented w /
 - Lead 1,830 sx PP "H" w/ 5% Hal-344 + 0.3% CFR-3 + 5 pps Gilsonite + 3 pps Salt @ 13.0 ppg, 1.69 cuft/sx.
 - Tail 250 sx PP w/ 2% Zone Sealant @ 15.5 ppg, 1.38 cuft/sx
 - TOC @ Surface. Circ 275 sx.
 - 2/10/19 Set CIBP @ 5,050'. Cap w/ 60' cement.
 - Perforations
 - 4,364 – 4,372'
 - 4,377 – 4,389'
 - 4,408 – 4,428'
 - 4,434 – 4,441'
 - 4,459 – 4,484'
 - 4,490 – 4,508'
 - 4,516 – 4,523'
 - 4,529 – 4,543'
 - 4,562 – 4,590'
 - 4,598 – 4,614'
 - 4,632 – 4,662'
 - 4,706 – 4,738'
 - 4,786 – 4,799'
 - Commercial Disposal Permit
 - Admin Order SWD-1613-A Dated 1/13/17
 - Injection Interval. 4,300' to 4,900'
 - Pmax 860 psi
1. Test WSU Anchors (*Michael Evans to contract*).
 2. MIRU WSU (*Tyler Well Service*) and associated equipment.
 3. Set rig mats (2), pipe racks (3), & catwalk (1) (*HeLMS*).
 4. Check SI Tbg pressure. If required RU KT & pump required amount of 10 ppg BW down tbg & tbg x casing annulus to kill well.
 5. ND Injection WH assembly / valves & flowline.

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6. Install 3-1/2" 8rd EUE x 6' sub on 3-1/2" jt in slips and release 5-1/2" x 2-7/8" Arrowset 1-X packer (Gravity Packerman)
 - a. Note packer has 2-7/8" Type T-2 on-off tool.
7. NU 7" Manual BOP w/ 3-1/2" rams.
8. POOH w/ following tubing & packer assembly:

Tubing Detail:

132 jts 3-1/2", 9.3 #/ft., J-55, 8rd, EUE IPC injection tubing (4321.27')

Injection Pkr Detail:

3-1/2" box x 2-7/8" pin SS XO (0.50')

2-7/8" T-2 On-Off Tool (1.75')

2-7/8" X 2.31 SS "VX" profile nipple (1.10')

5-1/2" x 2-7/8" Arrowset 1-XS NP Injection packer (7.58')

2-7/8" pump-out plug set to 1800#

14' KB Correction (17.5' KB DF - 3.5' above GL)

Top of On-Off Tool - 4335.77' KB

Top of Profile nipple - 4337.52' KB

Top of Pkr - 4338.62' KB

Bottom of Pkr - 4346.20' KB

Stand 3-1/2" tubing back in derrick in doubles using rubber mats to set tubing on.

Closely inspect each collar x pin for potential corrosion / holes.

LD all jts that have corrosion or visible holes.

Send 5-1/2" x 2-7/8" Arrowset 1XS packer + T-2 on-off tool w/ 2.31" SS "VX" profile nipple to Gravity Odessa shop for assessment & repairs.

Based on condition of existing 3-1/2" IPC tubing will make a decision to:

- a. Replace bad jts w/ new IPC if minimal amount of jts are compromised (KC Pipe has 25 jts New 3-1/2", 9.3 ppf, J-55, 8rd EUE IPC in stock @ \$10.46/ft)
 - b. LD entire 3-1/2" IPC string and run new 3-1/2", 9.3 ppf, J-55, CLS Glassbore string (KC Pipe has full string of 3-1/2", 9.3 ppf, J-55, 8rd EUE CLS Glassbore in stock @ \$8.75/ft)
 - c. LD entire 3-1/2" IPC string and run 3-1/2", 9.3 ppf, L-80, Petrosmith FG string that was pulled from Pearl St #2 (This string is in KC's yard. Should we decide to utilize this tubing we will Teflon tape or seal lock each jt and possibly test all of the collars utilizing the NOV Gatorhawk tool to ensure no bad pin x coupling connections)
9. PU 2-7/8" bulldog hydrostatic sand line bailer w/ chisel bit & RIH on sand line (Gravity Tools or Rock Tools)
 10. Tag fill w/ sand line bailer and cleanout WB to PBTD @ 4,990'.
 11. Rack required amount of 3-1/2", 9.3 ppf, J-55, 8rd EUE replacement tubing.
 12. Clean, visual, drift & tally 3-1/2" replacement tubing.
 13. RU Longhorn Tubular's slingshot PU machine.

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14. PU R&R'd 5-1/2" X 2-7/8" Arrowset 1-X NP packer w/ IPC ID + 2-7/8" Type T-2 on-off tool w/ 2.31" SS "F" Profile + pump out plug & RIH on 3-1/2", 9.3 ppf, J-55, 8rd, EUE replacement injection tubing.
15. Land pkr @ ± 4,330'. Space out & set Inj Pkr w/ 20 pts in compression.
16. RU PT on 5-1/2" x 3-1/2" annulus and test annulus to 750 psi.
17. Get off Pkr w/ on-off tool and circulate 5-1/2" x 3-1/2" annulus w/ 65 bbls FW Pkr fluid w/ corrosion inhibitor + biocide.
18. ND BOP & latch back onto Pkr w/ on-off tool & NU WH.
19. Perform pre csg-annulus MIT Pkr test. PU KT & pump out plug on bottom of pkr assembly.
20. RD WSU, clean location, release rental equipment and clean location.
21. Contact NMOCD & schedule formal MIT Pkr test

J. Cooper Enterprises, Inc
Actual Completed Wellbore Diagram

WELL NAME:	Cooper 8 #2			FIELD:	Monument - San Andres		
LOCATION:	1850' FNL & 830' FEL, Sec 8, T20S, R37E, Unit H			COUNTY:	Los	STATE:	NM
ELEVATION:	GL = 3,550'; KB = 3,967.5 (17.5' KB)			SPUD DATE:	2/4/2004	COMP DATE:	4/28/2004
			Lat.: N 32°35'23"	P&A DATE:	10/20/2013	RE-ENTRY DATE:	2/2/2017
			27 NM E Zone	PREPARED BY:	M Stewart		
API#	42-025-36529						
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CEMENT / TOC
CASINO:	1,135	12-1/4"	8-5/8"	24 #/ft	J-55	ST&C	320 ex lead, 200 ex tail, Circ 140 ex to Surface
CASINO:	7,500	7-7/8"	5-1/2"	17 #/ft	N-80	LT&C	1,830 ex lead, 250 ex tail, Circ 275 ex to Surface
CASINO:							
TUBING:	4,336		3-1/2"	9.3 #/ft	J-55 IPC	8rd EUE	

