

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, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

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. 30-025-09560 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> INJECTOR		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP ✓		6. State Oil & Gas Lease No. 141560
3. Address of Operator P.O. BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name COOPER JAL UNIT ✓
4. Well Location Unit Letter <u>I</u> : <u>1650</u> feet from the <u>SOUTH</u> line and <u>990</u> feet from the <u>EAST</u> line Section <u>13</u> Township <u>24S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number <u>146</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3326' GL		9. OGRID Number 240974
10. Pool name or Wildcat Jalmat; Tans-Y-7R/Langlie Mattix; 7R-Q-G		

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input checked="" type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

----See attached procedure----

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 [Signature] TITLE OPERATIONS ENGINEER DATE 09/15/15

Type or print name JOHN SAENZ E-mail address: jsaenz@legacylp.com PHONE: (432) 689-5200

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 09/15/15
 Conditions of Approval (if any):

SEP 23 2015

hm

**Cooper Jal Unit #146
API: 30-025-09560
Lea County, New Mexico
9/10/2015**

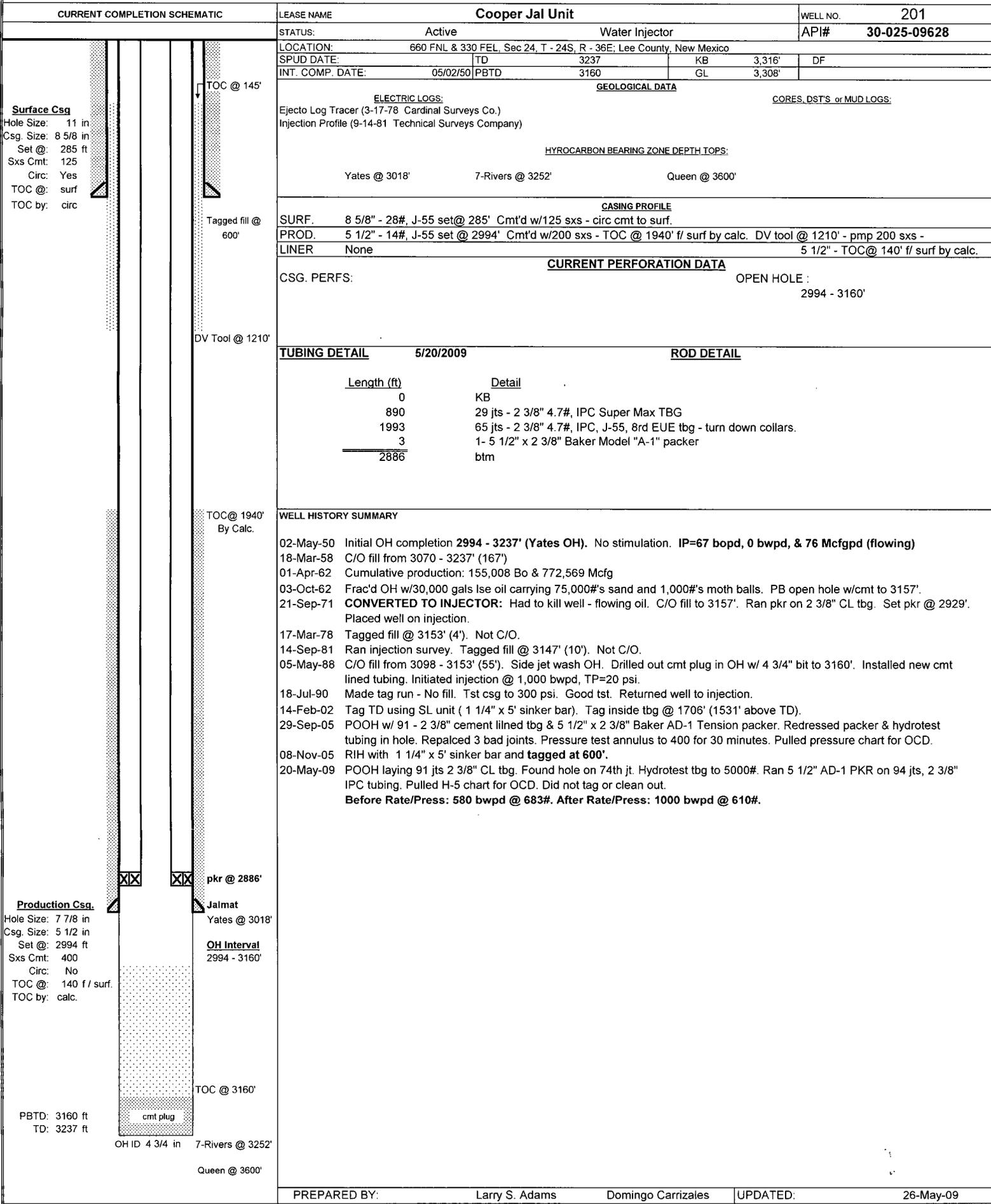
Note: Well will not pass a MIT. Suspect a shallow casing leak. During MIT production casing and surface casing communicated, water came out of the ground. Wellbore diagram has top of cement at 200' by calculation. Top 5' of surface casing will need to be replaced.

Proposed Procedure

1. Dig up around well head to 8' below surface. Knock cement off surface casing until good pipe is found
2. MIRU pulling unit. Install BOP and POOH with injection packer and tubing, lay down tubing.
3. PU work string and set RBP at 2900'. Circulate hole with kill fluid.
4. Isolate casing leak.
5. Run CBL and CCL. From surface to 2900'. Lay down work string if room is needed.
6. Remove BOP. Cut off well head. Spear and pick up on production casing.
7. MIRU Back off service and attempt to back off production casing 2 collars below leak.
8. Rig down Back off service. POOH and lay down production casing.
9. Cut off bad surface casing and replace with 8-5/8" 28#/ft casing and install new casing head.
10. Pickup new 5-1/2" 14#/ft casing, RIH, and screw into old casing.
11. Install wellhead and install BOP.
12. Pressure test casing.
13. RIH with work string and remove RBP. TOOH and lay down.
14. PU and RIH with injection tubing and injection packer. Set packer at 2886' and circulate packer fluid.
15. Perform pressure test to 500 psi and Rig down
16. Do state MIT and return to injection.

John Saenz

WELLBORE SCHEMATIC AND HISTORY



Surface Csg
 Hole Size: 11 in
 Csg. Size: 8 5/8 in
 Set @: 285 ft
 Sxs Cmt: 125
 Circ: Yes
 TOC @: surf
 TOC by: circ

Production Csg.
 Hole Size: 7 7/8 in
 Csg. Size: 5 1/2 in
 Set @: 2994 ft
 Sxs Cmt: 400
 Circ: No
 TOC @: 140 f / surf.
 TOC by: calc.

CURRENT COMPLETION SCHEMATIC		LEASE NAME Cooper Jal Unit		WELL NO. 201	
STATUS: Active		Water Injector		API# 30-025-09628	
LOCATION: 660 FNL & 330 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico					
SPUD DATE: TD		3237		KB 3,316' DF	
INT. COMP. DATE: 05/02/50		PBTD 3160		GL 3,308'	
ELECTRIC LOGS: Ejecto Log Tracer (3-17-78 Cardinal Surveys Co.) Injection Profile (9-14-81 Technical Surveys Company)			GEOLOGICAL DATA CORES, DST'S or MUD LOGS:		
HYDROCARBON BEARING ZONE DEPTH TOPS: Yates @ 3018' 7-Rivers @ 3252' Queen @ 3600'					
CASING PROFILE					
SURF. 8 5/8" - 28#, J-55 set@ 285' Cmt'd w/125 sxs - circ cmt to surf.		PROD. 5 1/2" - 14#, J-55 set @ 2994' Cmt'd w/200 sxs - TOC @ 1940' f/ surf by calc. DV tool @ 1210' - prmp 200 sxs -			
LINER None		5 1/2" - TOC@ 140' f/ surf by calc.			
CURRENT PERFORATION DATA					
CSG. PERFS:			OPEN HOLE : 2994 - 3160'		
TUBING DETAIL		5/20/2009		ROD DETAIL	
Length (ft)	Detail				
0	KB				
890	29 jts - 2 3/8" 4.7#, IPC Super Max TBG				
1993	65 jts - 2 3/8" 4.7#, IPC, J-55, 8rd EUE tbg - turn down collars.				
3	1- 5 1/2" x 2 3/8" Baker Model "A-1" packer				
2886	btm				

WELL HISTORY SUMMARY

02-May-50 Initial OH completion 2994 - 3237' (Yates OH). No stimulation. IP=67 bopd, 0 bwpd, & 76 Mcfgpd (flowing)

18-Mar-58 C/O fill from 3070 - 3237' (167')

01-Apr-62 Cumulative production: 155,008 Bo & 772,569 Mcfg

03-Oct-62 Frac'd OH w/30,000 gals lse oil carrying 75,000#'s sand and 1,000#'s moth balls. PB open hole w/cmt to 3157'.

21-Sep-71 **CONVERTED TO INJECTOR:** Had to kill well - flowing oil. C/O fill to 3157'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 2929'. Placed well on injection.

17-Mar-78 Tagged fill @ 3153' (4'). Not C/O.

14-Sep-81 Ran injection survey. Tagged fill @ 3147' (10'). Not C/O.

05-May-88 C/O fill from 3098 - 3153' (55'). Side jet wash OH. Drilled out cmt plug in OH w/ 4 3/4" bit to 3160'. Installed new cmt lined tubing. Initiated injection @ 1,000 bwpd, TP=20 psi.

18-Jul-90 Made tag run - No fill. Tst csg to 300 psi. Good tst. Returned well to injection.

14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag inside tbg @ 1706' (1531' above TD).

29-Sep-05 POOH w/ 91 - 2 3/8" cement lined tbg & 5 1/2" x 2 3/8" Baker AD-1 Tension packer. Redressed packer & hydrotest tubing in hole. Repalced 3 bad joints. Pressure test annulus to 400 for 30 minutes. Pulled pressure chart for OCD.

08-Nov-05 RIH with 1 1/4" x 5' sinker bar and tagged at 600'.

20-May-09 POOH laying 91 jts 2 3/8" CL tbg. Found hole on 74th jt. Hydrotest tbg to 5000#. Ran 5 1/2" AD-1 PKR on 94 jts, 2 3/8" IPC tubing. Pulled H-5 chart for OCD. Did not tag or clean out.
Before Rate/Press: 580 bwpd @ 683#. After Rate/Press: 1000 bwpd @ 610#.

PREPARED BY: Larry S. Adams Domingo Carrizales UPDATED: 26-May-09