

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
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.	30-025-11288
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	141560
7. Lease Name or Unit Agreement Name	Cooper Jal Unit
8. Well Number	239 w
9. OGRID Number	193003
10. Pool name or Wildcat	JALMAT: Tansill, Yates

4. Well Location  
Unit Letter E: 1980 feet from the NORTH line and 660 feet from the WEST line  
Section 30 Township 24S Range 37E NMPM LEA County  
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,279' KB

Pit or Below-grade Tank Application ☒ or Closure ☐  
Pit type DIRT Depth to Groundwater 130 feet Distance from nearest fresh water well >1000 feet Distance from nearest surface water >1000 feet  
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 200 bbls; Construction Material Synthetic

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 ☐  
OTHER: Clean out injector with bit and Acidize. ☒

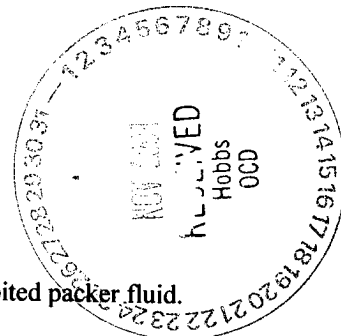
SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
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.

Objective: Clean out Jalmat injector w/bit and Acidize with 4,200 gallons 15% NEFE HCl acid.

1. MIRU Pulling Unit.
2. POOH with 2 3/8" IPC tubing and 5 1/2" x 2 3/8" Baker Model AD-1 tension packer.
3. RIH with 4 3/4" bit & 6 - 3 1/2" drill collars on 2 7/8" work string.
4. Clean out well to TD at 3,180'.
5. Wash open hole (2,828'-3,180') with surfactant 2% KCl water using Perf-Clean Tool.
6. Acidize open hole (2,828'-3,180') with 4,200 gallons 15% NEFE HCl acid.
7. POOH with 2 7/8" work string and lay down Perf-Clean Tool.
8. RIH with 5 1/2" x 2 3/8" Baker Model AD-1 Tension packer to 2,734'; circulate annulus with inhibited packer fluid.
9. Set packer and test annulus to 500 psig for 30 minutes. Pull chart for NMOCD.
10. Place well on injection at approximately 179 bwpd.
11. Maximum permitted injection pressure is 600 psig.
12. Fold Pit Liner inward, cover with 20 mil liner and cover with top soil. File Form C144 with NMOCD.



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 Domingo Canales TITLE Senior Petroleum Engineer DATE 11/22/04

Type or print name  
For State Use Only

E-mail address: Domingo@sdgresources.com Telephone No. 432-550-7580

APPROVED BY Hayden Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 29 2004  
Conditions of Approval (if any):

# WELLBORE SCHEMATIC AND HISTORY

## CURRENT COMPLETION SCHEMATIC

**Surface Csg**  
Hole Size: 17 1/4 in  
Csg. Size: 13 3/8 in  
Set @: 312 ft  
Sxs Cmt: 350  
Circ: Yes  
TOC @: surf  
TOC by: circ

**Intermediate Csg**  
Hole Size: 12 1/4 in  
Csg. Size: 9 5/8 in  
Set @: 1164 ft  
Sxs Cmt: 500  
Circ: No  
TOC @: 120 f / surf.  
TOC by: calc.

**Production Csg.**  
Hole Size: 8 3/4 in  
Csg. Size: 7 in  
Set @: 2828 ft  
Sxs Cmt: 450  
Circ: No  
TOC @: 1430 f / surf.  
TOC by: TS

PBTD: 3180 ft  
TD: 3180 ft

OH ID: 6 1/4 in

TOC @ 1430'  
by TS

pkc @ 2638'

Fill @ 2834'

**OH Interval**  
2828 - 3180'

## LEASE NAME

**Cooper Jal Unit**

WELL NO. **239 WIW**

STATUS: ACITVE

INJECT

API# 30-025-11288

LOCATION: 1980 FNL & 660 FWL, Sec 30, T - 24S, R - 37E, Lea County, New Mexico

SPUD DATE:

TD

3180

KB

3,279'

DF

INT. COMP. DATE:

07/16/49

PBTD

3180

GL

3,268'

## ELECTRIC LOGS:

Tracer w/Micro Caliper (11-9-76 Cardinal Surveys)

HYDROCARBON BEARING ZONE DEPTH TOPS:

## CASING PROFILE

SURF. 13 3/8" - 48#, J-55 set @ 312' Cmt'd w/350 sxs - circ cmt to surf.

INTR. 9 5/8" - 38#, J-55 set @ 1164' Cmt'd w/500 sxs - TOC @ 120' from surface by calculation.

PROD. 7" - 20#, J-55 set @ 2828' Cmt'd w/450 sxs - TOC @ 1430' from surface by Temperature Survey.

## CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

2828 - 3180'

## TUBING DETAIL

9/11/1987

## ROD DETAIL

Length (ft)

Detail

0.00 KB

2635.10 87 jts - 2 3/8" 4.7#, CL, J-55, 8rd EUE tbg.

2.90 1 - 5 1/2" x 2 3/8" Baker Model AD-1 pkr.

2638.00 btm

## WELL HISTORY SUMMARY

- 16-Jul-49 Initial completion interval: 2828 - 3180' (Yates OH). No stimulation. IP= 36 bopd, 0 bwpd, & 116 Mcf/gpd (flowing)
- 12-Dec-58 NMOCD Status changed to GAS.
- 18-Jul-68 Shut-in.
- 4-May-74 CONVERTED WELL TO INJECTOR: C/O from 2958 - 3180' (222').
- 9-Nov-76 Ran injection survey. Tagged fill @ 3008'. Did not C/O fill.
- 8-Nov-77 Repaired tbg leak.
- 17-Mar-80 C/O fill from 3008 - 3180' (172').
- 11-Sep-87 C/O fill from 2908 - 3180' (274'). Jet washed OH and installed new cmt lined tbg. & new pkr. Set pkr @ 2631'. Placed on injection @ 475 bwpd, TP= 700 psi
- 14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 2834' (346' of fill)

PREPARED BY:

Larry S. Adams

UPDATED:

30-Apr-02