

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
June 19, 2008

RECEIVED
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
JAN 28 2011
HOBBS

WELL API NO. 30-025-09650	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No. 306443	
7. Lease Name or Unit Agreement Name Cooper Jal Unit	
8. Well Number 225	
9. OGRID Number 263848	
10. Pool name or Wildcat Jalmat; Tansill-Yates-7Rivers	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3301' GR	

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 type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: Clean Out and Foam Frac Jalmat <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 1.) MIRU Pulling Unit and Above Ground Steel Pit; NU BOP; POOH w/ rods and tubing.
- 2.) RIH w/ 4 3/4" Bit and drill collars on 2 7/8" work string.
- 3.) Clean out to 2994' (top of 4" liner). Clean out w/ 3 3/8" bit to 3318'.
- 4.) RIH w/ 5 1/2" Frac Packer on 4 1/2" work string and set @ 2900'.
- 5.) RU Service Company & prep to fracture stimulate well down 4 1/2" work string.
- 6.) Foam Sand Frac 2996'-3318' w/ 35,000 gals 30# system; plus 105,000# 16/30 Brady Brown Sand & 105,000# 16/30 resin coated Brady Brown Sand; pump 1000 gals 15% NEFE Acid.
- 7.) RD Service Company. Install adjustable choke manifold w/ pressure gauge. Flow back well & clean up well, monitoring pressure and sand production until pressure depletes.
- 8.) POOH w/ 2 7/8" work string and lay down packer; clean out frac sand down to 3318'.
- 10.) RIH w/ 2 7/8" tubing. RIH w/ pump and rods.
- 11.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.

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 Melanie Reyes TITLE Engineer Assistant DATE 1/26/11

Type or print name Melanie Reyes E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432)580-8500

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JAN 28 2011

Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME

Cooper Jal Unit

WELL NO.

225

STATUS:

Active

Oil

API#

30-025-09650

LOCATION:

660 FNL & 1650 FEL, Sec 25, T - 24S, R - 36E; Lee County, New Mexico

SPUD DATE:

TD

3318

KB

3,310'

DF

INT. COMP. DATE:

01/09/50

PBTB

3318

GL

3,301'

ELECTRIC LOGS:

GEOLOGICAL DATA

CORES, DST'S, or MUD LOGS:

GR-N from 2700 - 3208' (12-22-49)

Trac III Profile Survey (10-8-76) Cardinal Surveys Co.

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3020'

7-Rivers @ 3230'

Queen @ 3575'

CASING PROFILE

SURF. 8 5/8" - 32#, J-55 set@ 307' Cmt'd w/125 sxs - circ cmt to surf. 5 1/2" - TOC@ 450' f/ surf by calc.

PROD. 5 1/2" - 15.5#, J-55 set@ 2996' Cmt'd w/200 sxs - TOC @ 1795' f/ surf by calc. DV tool @ 1174' - pmp 150 sxs -

LINER 4" - 10.64#, J-55 FJ slotted liner set from 2994 - 3318' Not cmt'd in-place.

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

2996 - 3318

Isolated behind 4" slotted liner

TUBING DETAIL

1/18/01

ROD DETAIL

1/18/01

Length (ft)

Detail

Length (ft)

Detail

2363

75

2 3/8" 4.7#, J-55, 8rd EUE tbq.

18

1

1 - 22' x 1 1/4" PR w/ 7/8" pin

3

1

5 1/2" x 2 3/8" TAC

22

1

1 1/4" x 1 1/2" x 12" PRLiner

310

10

2 3/8" 4.7#, tbq. w/ turn down collars

4

1

2', 2' - 3/4" K-40 pony rods

31

1

2 3/8" IPC 4.7#, tbq w/ turn down collars

2750

110

3/4" K-40 rods

1

1

1 - 2 7/8" SN

16

1

2" x 1 1/4" X 16" HHBC rod pump

1

1

2 7/8" Perf Sub

0

1

1" x 8" gas anchor

31

1

2 3/8" 4.7#, J-55, 8rd EUE OEMA

2810

btm

2842 btm

WELL HISTORY SUMMARY

9-Jan-50 IC: Interval: (Yates OH) 2996 - 3188': No stimulation. IP = 49 bopd, 0 bwopd, & 91 Mcfgpd (flowing)

21-Jul-54 Deepened to 3318'. Frac'd w/14,000 gals lse oil carrying 21,000#s sd. AIR=19.5 bpm, Pmax=1500#. Spinner survey indicated all of trtmnt went in old hole above 3130'. New hole not treated. After WO: 74 bopd, 0 bwopd, & GOR=12,428.

25-Aug-54 Attmp to isolate various intervals in OH w/Lynes straddle pkr & frac. Pkr stuck & frac unsuccessful. Left fish in hole TOF @ 3188'.

28-Aug-73 Fished Lynes straddle pkr & C/O to 3318'. PWOP. After WO: 16 bopd, 0 bwopd, & GOR=3880

6-Dec-73 Producing 60 bopd & 0 bwopd (pumping)

21-Feb-74 Installed 228D pumping unit. After larger PU installation - IP=103 bopd & 0 bwopd.

8-Oct-74 Producing 98 bopd & 47 bwopd (pumping)

20-Oct-75 Producing 67 bopd & 68 bwopd (pumping)

27-Jan-76 Tagged btm @ 3095' (223' of fill). Did not C/O. Producing 31 bopd & 106 bwopd

14-May-83 Found 5 1/2" csg leak @ 323-417'. Cmt sqz'd leak w/125 sxs cmt - circ cmt to surface up 5 1/2" x 8 5/8" csg annulus. C/O fill from 3064 - 3318'. Installed 4" slotted liner - not cmt'd in place.

14-Aug-85 C/O fill to 3318'.

15-Jan-01 Tagged btm @ 3303' (15' of fill). Ran sonic hammer & acid washed slotted liner from 2994 - 3303' w/ 4,500 gals 15% NEFE HCL @ 4 bpm & 600 psi. Placed well on production. After WO: 14 bopd, 92 bwopd, & 21 Mcfgpd.

23-Dec-02 Long stroke well & lower 10 feet to light tagged.

12-Oct-06 POOH with rods and parted pump (@ top cage). POOH with stuck tubing, parted at MA (left 18' in hole). TOF @ 3286'. RIH with tubing, pump and rods. Replaced 12 - 7/8" & 18 - 3/4" rod boxes due to pitting. PWOP.

Surface Csg

Hole Size: 11 in
Csg. Size: 8 5/8 in
Set @: 307 ft
Sxs Cmt: 125
Circ: Yes
TOC @: surf
TOC by: circ

repaired csg leak
323 - 417'
circ cmt to surf.

DV Tool @ 1137'

TOC @ 1795'
By Calc.

Production Csg.

Hole Size: 7 5/8 in
Csg. Size: 5 1/2 in
Set @: 2996 ft
Sxs Cmt: 250
Circ: No
TOC @: 2120
TOC by: calc.

Production Liner

Hole Size: 4 3/4 in
Csg. Size: 4 in
Top: 2914 ft
Btm: 3318 ft
Sxs Cmt: NONE
Circ: NO
TOC @: f/ surf.
TOC by:

PBTB: 3318 ft
TD: 3318 ft

OH IC 4 3/4 in

Yates @ 3020'
Original
OH Interval
2996 - 3318

4" slotted liner
f/ 2994 - 3318'

7-Rivers @ 3230'

TO(MA) @ 3286'
18' MA

Queen @ 3575'

PREPARED BY:

Larry S. Adams

Domingo Carrizales

UPDATED:

27-Oct-06