

Office

Energy, Minerals and Natural Resources

June 19, 2008

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

87505

RECEIVED

NOV 24 2009

HOBBSCO

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-09954

5. Indicate Type of Lease

STATE ☒ X FEE ☐

6. State Oil & Gas Lease No. B-934

7. Lease Name or Unit Agreement Name

New Mexico State "S"

8. Well Number # 104

9. OGRID Number 007673

10. Pool name or Wildcat

SWD ; San Adres

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 ☒ X Other DISPOSAL SWD

2. Name of Operator Exxon Mobil Corporation

3. Address of Operator

P.O. Box 4358, CORP-MI-0203, Houston, TX 77210

4. Well Location

Unit Letter O : 660 feet from the South line and 1980 feet from the East line

Section 2 Township 22S Range 37E NMPM County : LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3363' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ X PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

OTHER: ☐

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.

This Sundry is to request approval to perform attached procedure – CO Acidize & replace tubing.

Approval is requested ASAP as we are having to haul water while this well is down.

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

SIGNATURE Mark Del Pico TITLE Staff Regulatory Specialist DATE 11/23/2009

Type or print name Mark Del Pico E-mail address: mark.delpico@exxonmobil.com PHONE: 281-654-1926

For State Use Only

APPROVED BY: Tammy Hill TITLE DISTRICT 1 SUPERVISOR DATE NOV 30 2009

Conditions of Approval (if any):

PROPOSED PROCEDURE:
New Mexico S State 104
API 30-025-09954

CO Acidize, replace tubing with Duoline tubing RWTI.

- 1 MIRU well servicing unit. Calculate KWF required to kill well. Bullhead KWF down tbg. Ensure well is dead and full of fluid. Keep Kill Truck on location as needed during all wellwork operations to ensure well remains dead.
- 2 ND WH ND BOPE and test as per XOM guidelines.
- 3 Ensure well is dead and Kill Truck is on location as needed to keep well dead. Unseat packer and POOH with tubing and packer laying down.
- 4 PU RIH with 2-7/8" WS, 4-3/4" bit with 4 DC's RIH and cleanout to PBTD @ 4955'. Catch returns and check for scale samples. Analyze scale samples for gyp and treat as needed.
- 5 MIRU Petroplex Acidizers. Stake and chain discharge lines. Test lines to 3500 psi.
- 6 **Stimulate the wellbore using 3600 gals of 15% inhibited HCL and +-5000 lbs. Rock Salt in gelled brine water as a diverting agent. Total acid needed for treatment, spot and tubing pickle is 4148 gallons.**
- 7 RIH w/Treating packer and 483' of tail pipe on 2-7/8" WS to packer depth of 3837'. The perforated zone (3890' - 4220') zone will be treated with with 3600 gals inhibited 15% HCL treatment as follows:
- 8 Pickle tubing by pumping 5 bbls inhibited 15% HCL acid to end of tubing and reversing out.
- 9 Spot 338 gals of 15% inhibited HCL across perforated interval (3890' - 4220').
- 10 PUH with treating packer to 3254' and set.
- 11 Pump acid treatment in three stages of 1200 gals of 15% inhibited HCL following each 1200 gal acid stage with 1550 gals of gelled brine containing +-1250 lbs of RS. Adjust RS as needed for diversion. Over flush the acid into the formation using 50 bbls of brine water. Get initial shut in pressure and 5, 10, and 15 min shut in pressure. Record in morning report. Wait 1 hr for acid to spend. Flow the load back

- 12 RIH with treating packer to 3850 and circulate well clean with fresh water. Kill well with KWF POOH with treating packer and WS.
- 13 PU RIH with Injection packer with plug in place. RIH on new string of Duoline injection tubing. Hydrotest tubing in the hole to 5000 psi below the slips. Set packer @ previous injection packer depth(3837'). Test casing annulus to 500 psi. Obtain a 30 min chart. Schedule MIT with State Regulatory Authorities.
- 14 Unlatch from on/off tool and circulate 73 Bbls of packer fluid into the tbg/csg annulus. Latch back onto injection packer.
- 15 ND BOPE NU WH/tree. MIRU WLSU POOH with blanking plug.
- 16 RDMO WSU RWTI.

Wellbore Schematic - User's Template

Well: Nm S State 104

Field: Blinebry-Drinkard-Tubb

ExxonMobil Production Company

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Well Header

Lease New Mexico S State	County/District Lea	Territory/State New Mexico	Last Mod By Any wmpric1	Last Mod Date Any (UTC) 11/20/2009
Surface Legal Location	Land Survey System Township Range Section	Well Identifier 3002509954	ID Surface Location 712C4BC512541F88E04400144F1...	
Original KB Elevation (ft) 3,362.00	KB-Ground Distance (ft) 9 00	Ground Elevation (ft) 3,353.00	Well Spud Date/Time 02/24/1946	Basin 430

Transform Code: 60106 - Nm S State 104, 11/20/2009 4:31:41 PM

ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual	Frm Drill
0			Des:Surface Casing, OD:10-3/4in, Grd:H-40, Wt.:40.50lbs/ft, Btm (MD):359 ftKB	
359			Des:Intermediate Casing, OD:7 5/8in, Grd:L-80, Wt.:26.40lbs/ft, Btm (MD):2,524 ftKB	
1,025			Perforation, 3,660-3,808 ftKB	Des:Tubing Joint(s), OD:2 3/8in, Wt.:4.60lbs/ft, Grd J-55, Top (MD):0 ftKB, Length:3,836.0ft
2,524			Des:Remedial / Squeeze, Date:08/01/1980, Top (MD):3,660 ftKB, Length:148.0ft	
3,660				Des:On-Off Tool, OD:2 3/8in, Top (MD):3,836 ftKB, Length 1.0ft
3,808				Des:Packer - Retrievable, OD:2 3/8in, Top (MD):3,837 ftKB, Length:4.0ft
3,836				
3,837				
3,841				
3,890			Perforation, 3,890-3,905 ftKB	
3,905				
3,912			Perforation, 3,912-3,925 ftKB	
3,925				
3,940			Perforation, 3,940-3,955 ftKB	
3,955				
3,970			Perforation, 3,970-3,995 ftKB	
3,995				
4,042			Perforation, 4,042-4,055 ftKB	
4,055				
4,075			Perforation, 4,075-4,090 ftKB	
4,090				
4,125			Perforation, 4,125-4,220 ftKB	
4,220				
4,925			Des Plug, Date:07/01/1973, Top (MD):4,925 ftKB, Length:30.0ft	
4,955				Des.Bridge Plug - Permanent, Depth (MD) 4,955-4,958 ftKB
4,958				
5,050			Perforation, 5,050-5,085 ftKB	
5,085			Perforation, 5,115-5,180 ftKB	
5,115			Des:Plug, Date:02/01/1946, Top (MD):5,185 ftKB, Length:10.0ft, Com:PBTD 5185	
5,180			Des:Production Casing, OD:5 1/2in, Grd:H-40, Wt.:14 00lbs/ft, Btm (MD) 5,195 ftKB	
5,185				
5,195				