



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jon Goldstein
Cabinet Secretary

Jim Noel
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



February 10, 2010

Mark Delpico
ExxonMobil Corporation
222 Benmar, CORP-MI-0203
Houston, TX 77060

Re: Administrative Order SWD-473-A

New Mexico "S" State Well No. 104 (API No. 30-025-09954)
660 FSL, 1980 FEL (Unit O), Section 2, T22S, R37E, NMPM, Lea County
Permitted Grayburg/San Andres Injection Depths 3650 to 4750 feet

You have submitted a request on behalf of ExxonMobil for clarification of the allowable packer setting depth.

Your sundry states the new packer setting depth is 3589 while the existing disposal permit states the allowable packer setting depth is "approximately 3550 feet". Your sundry also states the well's top open perforation is currently 3708 feet.

Records indicate the current packer is set within the impermeable and unproductive Queen formation. In addition, the packer seat is within 100 feet of the top of the permitted disposal interval.

Your new packer seat is hereby approved.

Sincerely,



MARK E. FESMIRE, P.E.
Acting Director

cc: Oil Conservation Division – Hobbs
File: SWD-473-A



Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, February 10, 2010 11:55 AM
To: 'mark.delpico@exxonmobil.com'; william.m.price@exxonmobil.com
Cc: Whitaker, Mark A, EMNRD; Hill, Larry, EMNRD; Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD
Subject: Packer Setting Depth for SWD-473-A: NM State "S" #104 30-025-09954

Hello Mr. Delpico:
We have examined your sundry and Division records.

The engineering bureau has prepared and the director has signed a letter allowing this packer to be set at the depth you requested (3589 feet).

That letter will likely today be scanned into the following permit file: SWD-473-A Please obtain this letter from the Division's imaging system. For convenience here is a link:

<http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pDEV0020904731>

Please coordinate operation of this well with the OCD Hobbs district office. They are the point of contact with operators and may have other concerns related to this well.

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

-----Original Message-----

From: mark.delpico@exxonmobil.com [mailto:mark.delpico@exxonmobil.com]
Sent: Wednesday, February 10, 2010 9:07 AM
To: Jones, William V., EMNRD
Cc: william.m.price@exxonmobil.com
Subject: NM State "S" 104 2/10/2010

Will,

Sundry attached. This will go out in hard copy today.
This is a disposal well. We have it shut in pending NM approval to return to disposal service.
Thank your review.

(See attached file: nm 104.pdf)

Mark Del Pico 281-654-1926 Office 281-654-1940 FAX
Staff Regulatory Specialist

Exxon Mobil Corporation
222 Benmar, CORP-MI-0203
Houston, TX 77060

mark.delpico@exxonmobil.com

281-386-9758 Cell

This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

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3692 = Top CBS
3832 = Top SA

3650 - 4220
500 - 473 - A

Submit 1 Copy 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

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

Form C-103 October 13, 2009

WELL API NO. 30-025-09954
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 SWP: San Andreas
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3363' GR

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 Other DISPOSAL

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 LEA County

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

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

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.

This Sundry is to report work performed & request approval for packer setting 119' above perf.
 1/13/10 - Rig up POOH w/old 2.375" tubing. Tagged fill @ 3882'. Drilled out fill from 3882' - 4048'. Fell through fill @ 4048'. Tagged up again @ 4347'. Cleaned out fill from 4347' to 4731' (final depth). Rigged up Petroplex Acidizing & pumped back acid job (4 stages of acid & 3 stages of rock salt). RIIH w/ 113 joints of new 2.375" tubing & packer. When the old packer came out it had lots of corrosion on it so we set new packer at 3589' to ensure we are in good pipe. Loaded casing w/2% KCL packer fluid. Ran H-5 Chart on casing for 30 minutes. Test OK (see attached chart) & witnessed by M. Whitaker NMOCD.
 1/29/10 - RDMO

Top open perf is @ 3708' We squeezed perfs from 3660' - 3808' in August of 1980. Then re-perfed some of those squeezed perfs in April of 1995; 3708' - 3818'. With the packer now set at 3589', we are 119' above the top open perf.

Approval of this work & to leave packer where it is set is requested ASAP so we can return well to service & cease water hauling. Sundry filed with District I and Santa Fe Office

Spud Date: [] Rig Release Date: []

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

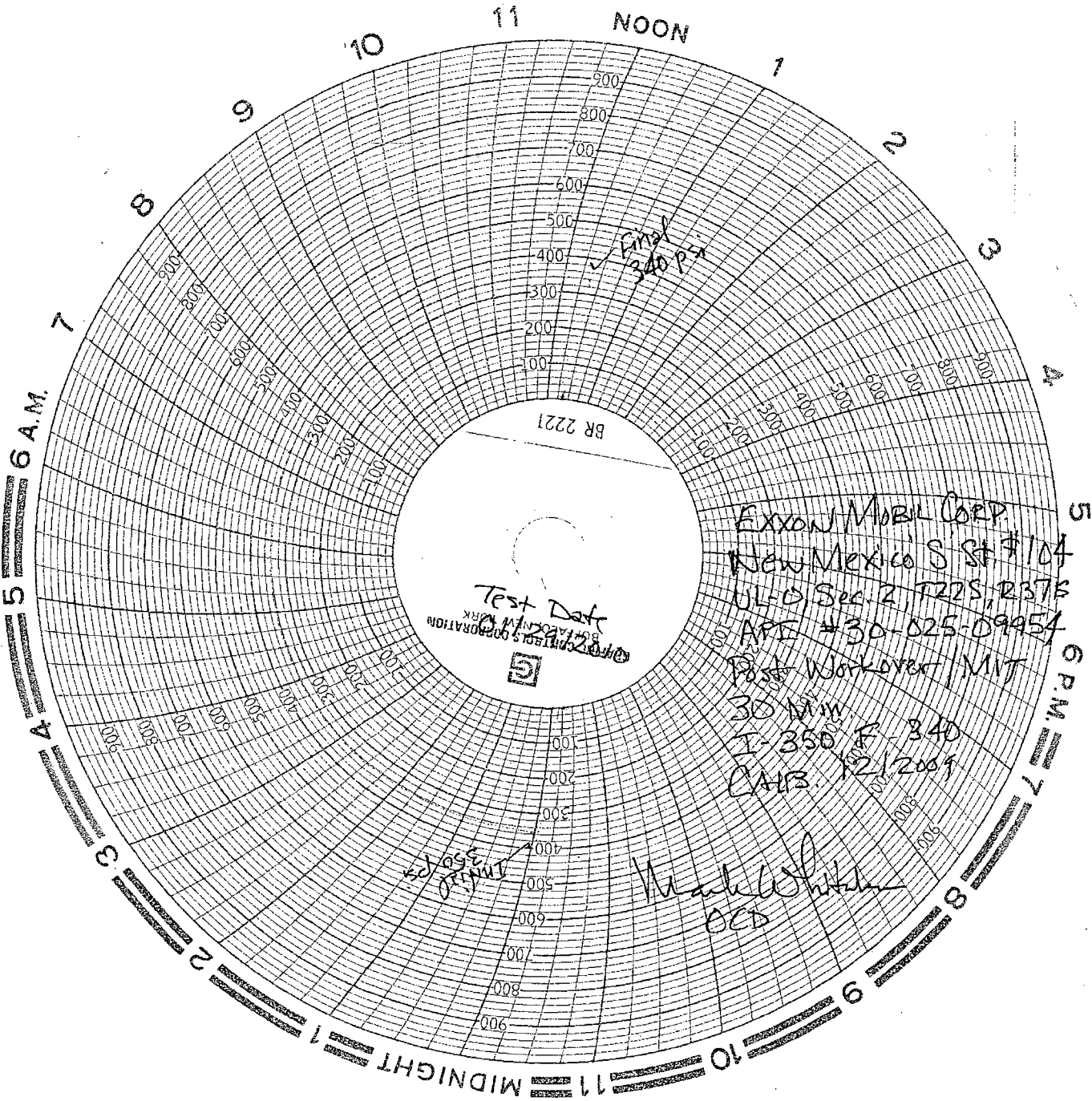
SIGNATURE Mark Del Pico TITLE Staff Reg Specialist DATE 02/10/2010

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

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

SWD-473-A



Test Date
 BR 2221
 EXXON MOBIL CORPORATION
 BIRMINGHAM, ALA.

EXXON MOBIL CORP.
 New Mexico S St #104
 U-L-D Sec 2 T22S, R37E
 APE #30-025-09954
 Post Workover MIT
 30 MW
 I-350 F 340
 CMB \$21,200

Michael White
 OCS

I-350
 F 340