

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

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

Form C-103
June 19, 2008

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. 30-039-23192
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator NM&O Operating Company		6. State Oil & Gas Lease No.
3. Address of Operator c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402		7. Lease Name or Unit Agreement Name Gavilan
4. Well Location Unit Letter <u>L</u> : <u>1850</u> feet from the <u>North</u> line and <u>990</u> feet from the <u>West</u> line Section <u>26</u> Township <u>25N</u> Range <u>2W</u> NMPM San Juan County		8. Well Number <u>3</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7307' GR		9. OGRID Number
		10. Pool name or Wildcat Blanco Mesa Verde

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: RE-COMplete MESA VERDE ☒

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.

NM&O Operating Company proposes to plug and abandon the Dakota, Greenhorn, and Gallup formations in this well, pull the 4-1/2" casing at the cement top, and re-complete the Mesa Verde formation via the 7" intermediate casing. Plug #1 will be 13 sx (15.4 cu.ft.) of Type 5 neat cement from the top of the RBP at 7404' to 7303'. A cement retainer will be set at 6754' (50' above the top Gallup perf). Plug #2 will be 80 sx (94.4 cu.ft.) of Type 5 neat cement below the retainer and 5 sx (5.9 cu.ft.) of Type 5 neat cement above the retainer. TOC will be approximately 6700'. A cement bond log will be run to determine the top of cement behind the 4-1/2" casing. The 4-1/2" casing will be cut off and recovered at the free point. If the 4-1/2" casing is cut off below the 7" casing shoe at 6070', then a 7" cement retainer will be set at 6020' and 50 sx (59 cu.ft.) of Type 5 neat cement will be pumped below the retainer and an additional 5 sx (5.9 cu.ft.) of Type 5 neat cement will be placed on top of the retainer. The Mesa Verde formation will be perforated from 5191' - 5591' and sand - water fraced. Tubing will be set at approximately 5565' and the well returned to production.

RCVD JUL 24 '08
OIL CONS. DIV.
DIST. 3

Spud Date: 5/15/1983

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOC D FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOC D PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

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

SIGNATURE Paul C. Thompson TITLE Agent / Engineer DATE 7/22/08

Type or print name Paul C. Thompson, P.E. E-mail address: paul@walsheng.net PHONE: 327-4892

For State Use Only

APPROVED BY: Fred G. Roberts TITLE Deputy Oil & Gas Inspector, District #3 DATE JUL 28 2008

Conditions of Approval (if any):

86

NMCO OPERATING CO.

CAVILAN #3

1850 FILL & 770 FILL SEC 26, T25N, R2W

CURRENT STATUS

12 1/4" HOLE

7" CASING PATCH @ 144'

9 5/8" 32.3# @ 278'

CMT W/ 160 SK (184 cu ft)

8 3/4" HOLE

RCVD JUL 24 '08

OIL CONS. DIV.

DIST. 3

7" JV @ 3457'

7" 20 1/2 23# @ 6076'

450 SK (743 ft³) + 150 SK (173 cu ft)

65 SK (107 ft³) + 50 SK (53 cu ft)

6 1/2" HOLE

CALLUP 6804 - 7366

REP @ 7404

GREEN HORN 7654 - 7708

DAKOTA 7822 - 7918

PBTD @ 8066'

4 1/2" 10.5# @ 116' @ 8159'

CMT W/ 240 SK (396 cu ft)

396 ft³ / .026 4 3/4" @ 1.7 = 2702 ft³
8159 - 2702 ft³ = 5457 TOC

PA 7/22/08

NMCO OPERATING CO.

GAULAN #3

1850 FNL & 970 FWL SEL. 26, T25N, R2W

RE-COMPLETED STATUS.

12 1/4" HOLE

8 3/4" HOLE

7" CASING PATCH @ 144'
9 5/8", 32.3# @ 278'
CMT w/ 160 SK (184 cu ft)

RCVD JUL 24 '08
OIL CONS. DIV.

DIST. 3

7" DV @ 3457'

2 3/8" TUBING

Plug #3 (IF NECESSARY)
CEMENT RETAINER AT 6020'
50 SK (59 cu ft) BELOW CR.
5 SK (5.9 cu ft) ABOVE CR.

MESA VERDE PERFS 5191 - 5591'

7", 20# 23# @ 6070'
450 SK (743 ft³) + 150 SK (173 cu ft)
65 SK (107 ft³) + 50 SK (58 cu ft)

6 1/4" HOLE

CEMENT RETAINER AT 6754'

Plug #2 80 SK (94.4 cu ft) BELOW CR
5 SK (5.9 cu ft) ABOVE CR
TOC @ 6700'

Plug #1 135 SK (15.4 cu ft)
7304 - 7404'

GALLUP 6804 - 7366

RBP @ 7404

GREEN HORN 7654 - 7708

DAKOTA 7822 - 7918

PBTD @ 8066'

4 1/2", 10.5# & 11.6# @ 8159'
CMT w/ 240 SK (396 cu ft)

396 ft³ / .1026 ft³/ft x .7 = 2702 ft
8159 - 2702 ft = 5457' TOC

PJ 7/22/08