

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

HOBBS OCD

OIL CONSERVATION DIVISION

JUN 08 2012 1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>SWD</u>		WELL API NO. 30-025-27984 ✓
2. Name of Operator NMR ENERGY LLC		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> ✓
3. Address of Operator 800 BERING, STE 250, HOUSTON TX 77057		6. State Oil & Gas Lease No.
4. Well Location Unit Letter N : 990 feet from the S line and 1650 feet from the W line ✓ Section 1 Township 14S Range 37E NMPM LEA County		7. Lease Name or Unit Agreement Name POST ✓
		8. Well Number 1 ✓
		9. OGRID Number 280401 ✓
		10. Pool name or Wildcat KING WOLFCAMP
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3833 GR		

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: ☐

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.

SEE ATTACHED.

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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

SIGNATURE Hollie Lamb TITLE Regulatory Affairs Coordinator DATE 06/04/2012

Type or print name HOLLIE LAMB E-mail address: hlamb@helmsoil.com PHONE: 432.682-1122

APPROVED BY: [Signature] TITLE STAFF MEMBER DATE 6-11-2012

Conditions of Approval (if any).

JUN 11 2012

Proposed

GL: 3,831' KB: 3,846'

Post No. 1

990' FSL & 1650' FWL
Unit N, Sec 1, T-14-S, R-37-E
Lea County, NM
API# 30-025-27984

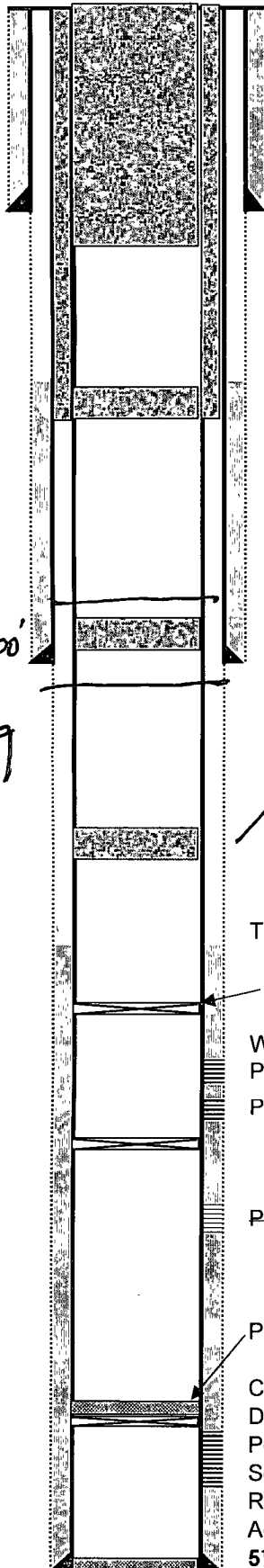
Well Type: Shut-in (5/91)
Spud Date: (10/30/82)
COMPLETED: 1/15/1983
POTENTIAL: 443 BO + 23 BW, 46.2° API
GOR 503, FTP 790 psi ¹¹/₆₄" chk

Note:
April of 1985 well converted to SWD.
Re-completed in Wolfcamp (2/25/91).

Current Eqpt

Tbg	None
Rods	None
Pump	None
BPU	None

Formation Tops	
T/Yates	3155
T/San Andres	4601
T/Abo	8030
T/Wolf	9400
T/Miss	11,607
T/Dev	12,698
OWC	12,846



13 3/8" 54.5# @ 416' w/ 500 sx
TOC: Circulated to Surface

TOC @ 2,160' by TS

8 5/8" 32# @ 4,650' w/ 2,000 sx
Did not Circ

TOC: 8280' by calculation

CIBP @ 9,350' (3/2005) Tested 500 psi & Witnessed by Billy Pritchard w/ OCD

WOLFCAMP

Perfs 9,404'-94', 22 shots (4/91)

Perfs 9,534'-39', 5 shots (4/91) High Sw - wet

Set RBP @ 9,570'. Acid perfs 9,400-9,539' w/ 250 gals spot + 5400 gals 15% gelled acid + BS.

Had Communication between perfs

Tagged RBP @ 9,541' w/ slickline (8/3/00)

Possible Perfs 10,018'-026' (per wo procedure)

Plug @ ~ 12,650' Probably a Lok-Set Pkr

Converted to SWD (4/85)

DEVONIAN

Perfs 12,729'- 58' w/ 30 holes

Sqzd perfs w/ 200sx cmt (6/84)

Re-Perf 12,729'- 50' w/ 4 JSPF(88 holes)

Add Perfs 12,790'- 802' (2JSPF) (4/85)

5 1/2" 17# @ 12,865' w/ 1300 sx

TD: 12,867'

PBTD: 12,830'

130 sx @ 466'
17 1/2"
hole

60 sx @ 2200'

30 sx @ 4600'
Perf & SQ @ 4700'
12 1/4"
hole
WOC TAG

50 sx @ 6125'

7 7/8"
hole

NMR Energy, LLC

Post No. 1

990' FSL & 1650' FWL (Unit N)

Sec 1, T-14-S, R-37E

Lea County, NM

Special Note – Mud Laden will consist of 9.5 Brine with 12.5 # Salt Gel per Bbls (25 Sacks of gel per 100 Bbls Brine). All Cement plugs will be 25 sacks of cement or 100', whichever is greater. Unless Otherwise specified in the approved procedure, cement plugs shall consist of Class "C" for Depths to 7500. Class "H" will be used for plugs deeper than 7500'. Closed loop will be utilized for all operation and C144 CLEZ is attached.

Plug & Abandon Procedure

- 1 Contract Hobbs Anchors to locate & test rig anchors. Replace if required.
- 2 Contact NMOCD Hobbs District office & advice of P&A operations.
- 3 RU Hot Oiler & hot water flowline to TB. Flush flowline w/ clean FW to TB. Pressure test flowline to 100 psi.
- 4 MI & set flowback pit / reverse pit for closed-loop operations.
- 5 MIRU WSU.
- 6 RU Wireline Company & RIH w/ sqz guns and perf 2 sqz holes @ 6125' (Glorietta).
- 7 PU 2-3/8" NC, SN & 2-3/8" work string & RIH to top of CIBP @ 9,350'. Mix & displace WB w/ 220 bbls 9.5 ppg BW mud mixing 25 sx gel per 100 bbls BW.
- 8 RU Cementing Company and mix, pump & spot 25 sx plug on top of CIBP.
- 9 **A.** PUH w/ tbg to 6,125'. Mix, pump & spot 75 sx balanced plug. PUH to 6,000', clear tbg w/ mud & sqz 50 sx into sqz holes. WOC and RIH to tag cement. Re-sqz if necessary until TOC stays 40' above sqz holes.
- 10 ~~PUH w/ tbg to ± 4,600' (D/Salt).~~
- 11 ~~Mix, pump & spot 30 sx cement plug. PUH and clear tbg w/ mud. WOC. RIH & tag cement plug.~~
- 12 PUH to 3,200'. Mix, pump & spot 30 sx cement plug. POOH w/ tbg and stand 2,200' in derrick laying down balance.
- 13 RU Wireline Company & RIH w/ sqz guns and perf 2 sqz holes @ ± 2,200' (T/Salt).
- 14 PU 5-1/2" pkr & RIH on 2-3/8" tbg to 1,900'. Set pkr & attempt to pump into sqz holes (should circulate out 5-1/2" x 8-5/8" annulus).
- 15 Mix & pump 60 sx cement down tbg & out sqz holes. Displace tbg & csg w/ mud leaving TOC @ 2,125'. WOC. Release pkr, RIH & tag cement. Re-sqz if necessary until TOC stays 50' above top of sqz holes. POOH w/ tbg & pkr laying down all tbg.
- 16 RU Wireline Company & RIH w/ sqz guns and perf 2 sqz holes @ 466'.

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990' FSL & 1650' FWL (Unit N)

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Lea County, NM

- 17 RU Cement Company on 5-1/2" casing. Mix & pump 130-150 sx cement down 5-1/2" casing until good cement returns out 5-1/2" x 8-5/8" annulus filling 5-1/2" casing and 5-1/2" x 8-5/8" annulus completely with cement.
- 18 RU WSU. Empty pits and haul to disposal. Mud and cement return will be hauled to Gandy-Marley (NM 01-0019) or Sundance (NM 01-0003) Disposal sites.
- 19 RU backhoe & cut off WH & all casing strings minimum 48" below ground level. Install marker plate. Break out cement cellar walls minimum 48" below ground level. Backfill cellar w/ fill dirt per Landowners specifications. Clean location of all material, disk and level location.