3 OCD
1 Well File

Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-031-20960

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
Boomer Sooner

1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

8. Well No.
1

2. Name of Operator
MERRION OIL & GAS CORPORATION

9. Pool name or Wildcat
Wildcat Entrada

3. Address of Operator
P. O. Box 840, Farmington, NM 87499

4. Well Location
Unit Letter B : 990 Feet From The North Line and 2305 Feet From The East Line

Section 21 Township 16N Range 9W NMPM McKinley County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
7099' GR 7125' KB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Drilling History ☒	

12. 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.

The subject well is a dry hole. Attached for your records is the drilling and plugging history. We will notify you when the dry hole marker is in place.

RECEIVED
NOV 22 1991
OIL CON. DIV
DIST. 3

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

SIGNATURE G F Sharpe TITLE Engineer DATE 11/5/91

TYPE OR PRINT NAME George F. Sharpe TELEPHONE NO. 327-9801

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE SUPV OIL & GAS INSPECTOR, DIST. #3 DATE 11-22-91

CONDITIONS OF APPROVAL, IF ANY:

BOOMER SOONER NO. 1

On Report
October 21, 1991

Sterling Brothers building road and location. (ARM)

October 22, 1991 Day No. 2

TD: 126' KB
Current Operation: Nipple Up

RU Salazar #4, spot equipment. **Spud well.** Drill 6.5 hrs, 126', 12-1/4" hole to fit 8-5/8" csg. Condition hole. Run survey. POH. Pickup 3 jts 8-5/8" csg. RU Cementers, Inc. Csg set 124' KB (120.60' @ 4' below KB). Cement csg as follows: Establish circ w/ 10 Bbls H_20. Mix and pump 80 sx class 'B' neat cement w/ 2% CaCl (95 cu ft) Yield 1.18 cu ft/sk, Density 15.6 lb/gal. Displace w/ 5.0 Bbls H_20. Plug down 6:45 pm. SWI. WOC. NU BOP and kill lines. (ARM)

Survey #1: 126' 1-3/4°

October 23, 1991 Day No. 3

TD: 1400' KB
Current Operation: Drilling

Pressure test BOP to 600 psi, ok. Drill cement in csg, tagged @ 85'. Drilling ahead with bit #2, 7-7/8" Hughes. (ARM)

Survey #2: 640' 2°
#3: 1120' 2°

October 24, 1991 Day No. 4

TD: 1540' KB
Current Operation: Trip for Bit #3

Drill 1.5 hrs. Circ for trip. TOH to 1060', tight hole. Could nto trip out. Trip back to bottom. Drill 5.5 hrs. POH to 1040', tight hole. Work pipe. Repair rig (circulate). POH, tight hole. Work pipe out of hole. POH. Possibly backed off collars. (ARM)

October 25, 1991 Day No. 5

TD: 1820' KB
Current Operation: Drilling

Backed off of drill pipe 2 jts above collars @ 1060' (bit stuck). POH. TIH w/ 7-7/8" bit. Ream hole to fish. POH. TIH. Screw onto fish. POH. TIH w/ Bit #3. Drilling ahead 8.5 hrs.

Survey #4: 2-1/4° 1640'

BOOMER SOONER NO. 1

October 26, 1991 Day No. 6

TD: 2100' KB
Current Operation: Drilling

Drilled 11 hrs. Trip for bit #4. Drilled 9 hrs. (ARM)

Survey #5: 2-1/2° 2080'

October 27, 1991 Day No. 7

TD: 2371' KB
Current Operation: Drilling

Drilled 2 hrs. Trip for bit #5. Drilled 17 hrs. (ARM)

October 28, 1991 Day No. 8

TD: 2,820' KB
Current Operation: Drilling

Drilled 24 hrs. (ARM)

October 29, 1991 Day No. 9

TD: 3,048' KB
Current Operation: Circulating

Drilling ahead 23.5 hours. Circulate up samples .5 hour.
Estimated tops: Todilto - Anhydrite 3,024' KB
Limestone 3,038' KB
Entrada Sand 3,046' KB

October 30, 1991 Day No. 10

TD: 3,102' KB
Current Operation: Drilling @ 3102' KB

Drill ahead to 3,054'. Circulate samples. POH w/ bit #5. Pick up 4-7/8" core bit #6, core barrel (20'). TIH. **Core** Entrada from 3,054'-3074'. Trip out w/ core. Lay down core and barrel. RIH w/ 7-7/8" bit #5 Re-run. Drilling ahead to 3,102' KB. (SSD)

October 31, 1991 Day No. 11

TD: 3,251' KB TD
Current Operation: Logging, RD Loggers

Drill .5 hr 3100'-3107'. Circ nipples. Drill .5 hrs 3107'-3120'. Circ sample. Drill 5.25 hrs 3120'-3251' **TD**. Circ and condition hole. Short trip. POH. **Log**. (ARM)

BOOMER SOONER NO. 1

November 1, 1991 Day No. 12

3,251' KB TD
Current Operation: Pulling Drill Pipe

Summary: RD Loggers. PU drill stem test tools. RIH w/ DP. RU Flowline, set DST tools, pkr @ 3100' KB.
DST as follows:

15 min	IF	Air blow at surface
45 min	ISI	
45 min	FF	Air blow at surface
120 min	FSI	

Release packers. TOH. Recovered 1657' of salt water. Catch water samples. Lay dn DST tools. TIH w/ DP to 3,164' KB.
Plug well as follows: RU Cementers, Inc. Establish circ. Mix and pump 25 sx (30 cu ft) Class 'B' neat, yield 1.18 ft/3 sk, Density 15.6 lb/gal. Displace w/ 22.7 Bbls 9.0 lb/gal mud. Spot across **Entrada** formation top 3,064'-3,164' KB.

Pull to 2,068'. Mix and pump 31 sx (36 cu ft) 'B' cement. Displace w/ 14.5 Bbls mud across **Morrison** top 1,968'-2,068'.

Pull DP to 1,812'. Mix and pump 36 sx (42 cu ft) 'B' cement. Displace w/ 7.5 Bbls mud across **Dakota** top 1,712'-1,812'.

Pulling drill pipe to next plug depth at report time. (ARM)

Off Report
November 2, 1991 Day No. 13

3,251' KB TD
Current Operation: Plug and Abandon

Summary: Finish pulling pipe to 1014'. Mix and pump 72 sx (85 cu ft) class 'B' neat cement, yield 1.18 cu ft/sk, density 15.6 lb/gal. Displace cement w/ 5.5 Bbls 9 ppg mud to spot cement across Gallup and Hospah formations, 1014'-808'. Pull pipe to 174'. Mix and pump 63 sx (74 cu ft) class 'B' neat cement. Displace w/ 9 ppg mud to spot across surface csg and bring cement to surface. ND BOP. Fence pits. Release rig. WO pits to dry for location reclamation. Will set dry hole marker ASAP. (ARM)