

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.

30-031-20883

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 AND ABANDON A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO PLUG AND ABANDON" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

2. Name of Operator

Merrion Oil & Gas Corporation (014634)

3. Address of Operator

610 Reilly Avenue, Farmington, NM 87401-2634

4. Well Location

Unit Letter I : 2360 Feet From The south Line and 1200 Feet From The east Line

Section 36 Township 20N Range 05W NMPM McKinley County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6634'

11. 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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

6/19/96 MOL and RU pulling unit (Polanco Bros.) on 6/19/96. ND WH & NU BOP. TOH with 106 jts of 3-1/2" (3197.34') tubing. SI well and SDFN.

6/20/96 RU Petro wireline. RIH with 7" CIBP, set @ 4530' (liner top at 4536'). RD Petro. TIH with 45 jts of 2-7/8" and 103 jts tbg to 4519' KB. RU Cementers Inc. and load hole with 13 bbls of produced water. Circulate hole clean with 100 bbls of water. Shut backside and press tested CIBP to 1000# - held OK. Pumped 44 sxs (51.92 cu.ft.) of Class B cement. Displace cement with 32.7 bbls of water. Pull tubing up to 4162' KB and reversed out 33 bbls of water and 1/4 bbl of cement. Press tested cement plug/casing to 3400# - held OK. Note: Started to blow tubing out of hole when trying to get to 3500#. Pull tubing up to 2381' KB and spot 250 gal of 15% HCl, displaced with 14.7 bbls of produced water. TOH with tubing and RU Petro wireline. RIH and perforated 2356'-2375' with 4" casing gun (4 SPF, EHD: 0.37", 76 total holes). TOH with guns and RD Petro. Breakdown perfs and displace acid with Cementers Inc. Perfs broke at 1500# while pumping 1 bpm. Displaced acid with 5.3 bbls of produced water at 5 bpm and 900#. Shut down pump: ISIP 500#. RD Cementers Inc. Start TIH with perfid sub and seating nipple on 3-1/2" tbg. SDFN.

*** CONTINUED OTHER SIDE ***

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

SIGNATURE

Steven S. Dunn

TITLE

Operations Manager

DATE 7/03/96

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

DEPUTY OIL & GAS INSPECTOR, DIST. #3

TITLE

DATE

9-17-98

CONDITIONS OF APPROVAL, IF ANY:

Inspected 10-9-96; Location not ready anchors & 1-66'x105' pit along w/ lfs
fence are still present.

9-17-98

6/21/96 Opened tubing at 7:30 AM (6/21/96) and found well flowing fluid at approx. 1/2 BPM. Finish TIH with 3-1/2" tubing and set at 2388'. RUTS. Made a total of 36 swabbing runs and recovered approx. 180 bbls of fluid. Starting fluid level was at surface, after 14 runs well maintained a 2000' fluid level. Made 22 more runs. SDFN.

6/22-23/96 Shut down for weekend.

6/24/96 Found well with tubing 120# and casing 220#. Opened tubing and well flowed at approx. 1/4 BPM. IFL was at surface. Made 37 total runs and recovered approx. 142 bbls of fluid. IFL was at surface, after 21 runs well maintained a 2200' fluid level. Made 16 more runs. Decision to P&A Point Lookout. RD swabbing equipment. TOH with 79 jts of 3-1/2" tbg. Remove seating nipple and perforated sub. TIH with 31 joints of 2-7/8" tbg, 2-7/8" x 3-1/2" change over and 79 jts of 3-1/2" tbg. Land tubing at 3354' KB. SDFN.

6/25/96 RU Cementers Inc. Load hole with 5 bbls of produced water and circ hole clean with 20 more bbls of water. Pump 5 bbls of fresh water ahead of 28 sxs (33 cu.ft.) of Class 'B' neat cement. Displace with 24.4 bbls of water. Cement plug: 3354'-3205'. TOH with tubing. PU cement retainer and RIH on 76 jts of 3-1/2" and set at 2304' KB. SI retainer and establish injection rate of 2-3/4 bpm at 600#. Pump 3 bbls of fresh water followed by 28 sxs (33 cu.ft.) of Class 'B' neat cement and displaced with 20 bbls. Max. squeeze pressure: 700#. SO of retainer and reversed out 54 bbls of water and 6 bbls of cement. Check in retainer did not hold. SI and SO of retainer until check held pressure. SI retainer and pump 2 bbls of fresh water ahead of 28 sxs (33 cu.ft.) of Class 'B' neat cement. Displaced with 20 bbls of water. Max. squeeze pressure: 700#. SO of retainer and reversed out 25 bbls of water and 1 bbl of cement. Displaced with 20 bbls of water. Max. squeeze pressure: 700#. SI of retainer and reversed out 25 bbls of water and 1 bbl of cement. PU to 2083' KB and press test to 3500# - held OK for 30 mins. Spot 250 gal of 15% HCl and displaced with 16.7 bbls of water. RU Petro wireline and perforated Menefee at 2045'-52' and 2057'-60' with 4" casing gun (4 SPF, EHD: 0.37", total of 40 holes). RD Petro wireline. Broke down perfs at 900# and 1 bpm. Displaced acid into formation at 450# and 5 bpm. ISIP: 400#. RD Cementers Inc. TIH with 4' perforated sub, seating nipple and 69 jts of 3-1/2" tbg and land at 2088' KB. RUTS. SDFN.

6/26/96 Found well dead at 8:00 AM (6/26/96). Made a total of 25 swabbing runs and recovered approx. 78 bbls of fluid. IFL was 200'. IFL was 1800'. SDFN.

6/27/96 Found well dead at 7:30 AM (6/27/96 with csg pressure 30# and tbg pressure 0#. Made a total of 9 swabbing runs and recovered approx. 16.5 bbls of fluid. IFL was 1200'. IFL was 1800'. Decision to P&A well. RD swabbing equipment. TOH with 69 jts of 3-1/2" tbg, seating nipple and perforated sub. SDFN.

6/28/96 PU cement retainer and RIH on 66 jts of 3-1/2" tbg and set at 1998.70' KB. Loaded hole and circulated clean with 98 bbls of produced water. RU Cementers Inc. SI retainer and establish injection rate of 2.75 bpm at 400#. Pump 2 bbls of fresh water ahead of 37 sxs (44 cu.ft.) of Class 'B' cement and displace with 17 bbls of produced water. Max. squeeze pressure: 600#. Sting out of retainer and reverse 1 bbl of cement and 20 bbls of water. PU to 1358' KB. Spot plug #2 with 2 bbls of fresh water ahead of 28 sxs (33 cu.ft.) of Class 'B' neat cement with 2% CaCl. Displace with 9.3 bbls of water. TOH with 3-1/2" tbg and WOC. RU Petro wireline. RIH with squeeze guns. Tag up on plug #2 at 1215' KB. PU to 281' and shoot 2 holes thru 7" casing. TOH with squeeze guns and RD Petro Wireline. Establish circulation thru bradenhead with 6 bbls of water. Pump 110 sxs (130 cu.ft.) of Class 'B' neat cement. Circulate cement back to surface thru bradenhead. Clean out pump and lines. RD Cementers Inc. ND BOP. Cut off wellhead and install P&A marker. Cut off anchors. RD Pulling Unit on 6/28/96. (P&A witnessed by Ernest Cardona with NMOCD.) Note: Transferred 79 jts of 3-1/2" tbg (106 total) and 34 jts of 2-7/8" tbg (75 total) back to Lybrook yard.

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

AUG 17 1995

WELL API NO.

30-031-20883

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

(17342)

Arena Blanca H

8. Well No.

9. Foot name or Wildcat

Arena Blanca Entrada (02285)

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 ☐

2. Name of Operator

Merrion Oil & Gas Corp. (014634)

3. Address of Operator

P. O. Box 840, Farmington, NM 87499

4. Well Location

Unit Letter I : 2360 Feet From The south Line and 1200 Feet From The east Line

Section 36 Township 20N Range 05W NMPM McKinley County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6634' GL

11.

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Plugback the vertical Entrada ☒

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.

8/7/95 MIRU Ram Rig No. 1. POH with 1" x 7/8" rods, pump plunger. LD rod string, haul to Lybrook Yard for storage. Set catwalk, unload 2-7/8" work tubing. Repair fiberglass water storage tank. Skid 640 Lufkin pumping unit to edge of location (out of way).

8/8/95 TOH with 3-1/2", 9.3#, J-55 EUE tubing, tally out. Tally length 3231.59' (107 jts). PU and TIH with 75 jts 2-7/8", 6.4#, J-55 EUE tubing with tallied length of 2330.86'. TIH with 3-1/2" on top of 2-7/8", tagged bottom at 5565.45' with PBTD @ 5569'. RU BJ Services to pump balanced cement plug. Circulated oil out of wellbore to oil stock tank. Started pumping cement at 3:30 PM. Pumped 33 sx of Class 'B' neat cement and approx. 40 bbls balance plug vol., pulled 5 stands tubing, reverse circulated to clean up tubing. Press up well to 1200 psi with 1 bbl water with no pressure drop. Bled pressure off, released BJ Services. TOH with 3-1/2", TOH with approx. 15 jts 2-7/8" laying down. Note. Estimate cement top at 5391' KB.

8/9/95 TOH, LD 2-7/8". TIH with 3231' of 3-1/2" tubing. Hang tubing off. RDMOL on 8/9/95. Waiting on drilling rig.

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

SIGNATURE

Steven S. Dunn

TITLE

Operations Manager

DATE

8/16/95

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY: ORIGINAL SIGNED BY ERNIE BUSH

TITLE: DEPUTY OIL & GAS INSPECTOR, DIST. III

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

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

MAR 20 1996

WELL API NO.

30-031-20823

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Arena Blanca H (017342)

8. Well No.

001

9. Pool name or Wildcat

Arena Blanca Entrada (02285)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐

b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐ Horizontal Redrill

2. Name of Operator

Merrion Oil & Gas Corporation (014634)

3. Address of Operator

610 Reilly Ave., Farmington, NM 87401-2634

4. Well Location

Unit Letter I : 2360 Feet From The south Line and 200 Feet From The east Line

Section 36 Township 20N Range 05W NMPM McKinley County

10. Date Spudded

7/1/85

11. Date T.D. Reached

10/5/95

12. Date Compl. (Ready to Prod.)

10/9/95

13. Elevations (DF & RKB, RT, GR, etc.)

6634' GR; 6647' KB

14. Elev. Casinghead

15. Total Depth

5528' TVD; 6096' MD

16. Plug Back T.D.

5528' TVD; 6096' MD

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

0-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name

Entrada 5520'-5528' TVD

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

None

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32#, J55	231' KB	13-1/2"	190 sx (224.2 cu. ft.)	CL B
7"	23#, J55	5614' KB	8-3/4"	760 sx (1003.2 cu. ft.)	CL H
				300 sx (396 cu. ft.)	CL H

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
4-1/2"	4536' MD	5666' MD	175			3-1/2"	3242'	

26. Perforation record (interval, size, and number)

Open hole completion

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
10/7/95		Swab test				Shut-In	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/10/95	5			0	0	90	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
0	0		0	0	432		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

None

Test Witnessed By

Paul Thompson

30. List Attachments

Directional Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed Name

Steven S. Dunn

Title

Opr Mgr

Date 3/19/96

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

		Northwestern New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs @ surface _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House Laventana 1308' _____	Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee 1440' _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout 2348' _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos 2490' _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup 3300' _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn 4295' _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota 4397' _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison 4760' _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto 5494' _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada 5504' _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....

No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

include data on rate of water inflow and elevation to which water rose in hole.
No. 1 from

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology