

Form 3160-4
(July 1972)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-12012

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVEN. ☐ Other Re-entry

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation (014634)

3. ADDRESS AND TELEPHONE NO.

610 Reilly Ave., Farmington, NM 87401-2634 (505) 327-9801

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1650' fs1 & 330' fe1 (NESE)

At top prod. interval reported below 1621.4' fs1 & 32.9' fw1 (NWSW)

At total depth 1615.8' fs1 & 472.2' fw1, Sec. 14 (NWSW)

14. PERMIT NO.

N/A

DATE ISSUED

9/8/95

7. UNIT AGREEMENT NAME

Media Entrada Unit

8. FARM OR LEASE NAME, WELL NO.

Media Entrada Unit 2 (7817)

9. API WELL NO.

30-043-20087

10. FIELD AND POOL, OR WILDCAT

SWD:Entrada (96436)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

(I)

Section 15, T19N, R3W

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

15. DATE SPUDDED

2/18/72

16. DATE T.D. REACHED

11/20/95 Re-entry 10/19/95

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

6807' GR; 6821' KB

19. ELEV. CASINGHEAD

6808'

20. TOTAL DEPTH, MD & TVD

5822' MD
5207' TVD

21. PLUG BACK T.D., MD & TVD

5207' TVD
5822' MD

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Entrada:

5239' MD - 5822' MD; 5161' TVD - 5207.5' MD

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Non

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well DIST. 3)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75#	207.55'	13-3/4"	140 sx C1 A w/3% cc	None
7"	20# & 23#	5320'	8-3/4"	350 sx 50/50 Pozmix w/2%	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4591'	5345'	153 sx (181 cuft.)	N/A	2-7/8"	3443'	None

31. PERFORATION RECORD (Interval, size and number)

Open hole horizontal completion

5239' MD - 5822' MD

5161' TVD - 5207' TVD

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Surface-2200'	300 sx cement, circ to surface

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1/14/96		Subpump ODI K47, 41 Stage, 108 Hp					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1/21/96	13	--	→	20	---	2600	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
30 psi	0 psi	→	37	---	4800	32°		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

None

TEST WITNESSED BY

Dave Morales

35. LIST OF ATTACHMENTS

Directional Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Steven S. Dunn

TITLE Operation Manager

DATE 2/13/96

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, casing used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Entrada	5207'		Water, Oil

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Entrada	5377'	5207'

DRILEX SYSTEMS, INC.

CUSTOMER : PEDCO
 WELL NAME : MEDIA ENTRADA UNIT #2, WELL NO 2-HST
 LOCATION : SANDOVAL COUNTY, NEW MEXICO
 :
 DRILEX REF : TOM TRUNK
 No Interpolation

Page 1 of 2
 Date 10-20 / 11-19-95
 Filename : ME2HST

Height of Wellhead Datum above Customer Datum 0.00 ft
 Height of Well Datum above Wellhead Datum 0.00 ft
 All TVDs are relative to the Well Datum Level

MD	C\I	INC	DIR	TVD	VS	LAT	DEP	D'LEG	BUILD	TURN
ft	ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
4710	0	1.0	N38.92°W	4709.9	4.8	-10.4	3.8	0.00	0.0	0.0
4721	11	1.8	N90.00°E	4720.9	4.9	-10.3	3.9	23.14	6.5	99.0
4727	6	2.2	N89.00°E	4726.9	5.1	-10.3	4.1	7.36	7.3	-16.7
4737	10	3.0	N88.00°E	4736.8	5.6	-10.3	4.5	8.01	8.0	-10.0
4758	21	4.8	N85.00°E	4757.8	7.0	-10.2	5.9	8.77	8.7	-14.3
4773	15	6.1	N82.55°E	4772.7	8.4	-10.0	7.4	8.87	8.7	-16.3
4790	17	8.2	N75.82°E	4789.6	10.4	-9.6	9.4	12.95	12.0	-39.6
4823	33	12.2	N78.36°E	4822.1	15.9	-8.3	15.1	12.29	12.2	7.7
4855	32	16.7	N76.15°E	4853.0	23.5	-6.5	22.9	14.20	14.1	-6.9
4888	33	21.2	N76.52°E	4884.2	33.6	-4.0	33.4	13.70	13.7	1.1
4920	32	25.5	N78.58°E	4913.6	45.6	-1.3	45.8	13.65	13.4	6.4
4955	35	26.8	N85.00°E	4945.0	60.6	0.9	61.0	8.90	3.7	18.3
4987	32	25.1	N88.67°E	4973.8	74.4	1.7	75.0	7.38	-5.4	11.5
5002	15	26.0	S88.99°E	4987.3	80.8	1.7	81.5	8.92	5.9	15.6
5007	5	26.2	S88.91°E	4991.8	83.0	1.7	83.7	5.25	5.2	1.6
5017	10	26.8	S87.44°E	5000.8	87.5	1.5	88.1	8.76	5.8	14.7
5049	32	30.0	S86.82°E	5028.9	102.7	0.8	103.3	10.10	10.1	1.9
5080	31	33.7	S85.68°E	5055.2	119.1	-0.3	119.7	11.96	11.8	3.7
5089	9	34.8	S84.59°E	5062.7	124.1	-0.8	124.7	13.80	12.0	12.1
5111	22	37.8	S84.80°E	5080.4	137.1	-2.0	137.7	13.60	13.6	-1.0
5132	21	41.8	S85.30°E	5096.5	150.6	-3.1	151.1	19.35	19.3	-2.4
5143	11	44.1	S84.85°E	5104.6	158.1	-3.8	158.5	21.09	20.9	4.1
5176	33	50.8	S86.75°E	5126.9	182.3	-5.5	182.8	20.56	20.1	-5.8
5208	32	56.8	S84.45°E	5145.8	208.1	-7.5	208.5	19.89	19.0	7.2
5222	14	59.1	S82.35°E	5153.2	220.0	-8.9	220.3	20.32	15.9	15.0
5237	15	61.7	S79.86°E	5160.6	233.0	-10.9	233.2	22.71	17.5	16.6
5240	3	62.0	S79.73°E	5162.0	235.7	-11.4	235.8	12.28	11.7	4.3
5248	8	63.0	S78.39°E	5165.7	242.7	-12.7	242.7	18.79	11.5	16.8
5255	7	62.2	S79.19°E	5168.9	248.9	-13.9	248.8	15.28	-11.4	-11.4
5262	7	61.5	S80.00°E	5172.3	255.1	-15.0	254.9	14.09	-9.7	-11.6
5293	31	66.4	S82.00°E	5185.9	282.9	-19.4	282.4	16.83	15.8	-6.5
5303	10	68.5	S84.00°E	5189.7	292.1	-20.5	291.6	27.89	20.9	-20.0
5313	10	70.9	S84.00°E	5193.2	301.5	-21.5	300.9	24.00	24.0	0.0
5324	11	73.5	S84.00°E	5196.5	312.0	-22.6	311.3	24.18	24.2	0.0
5346	22	78.1	S83.00°E	5201.9	333.3	-25.0	332.5	21.15	20.7	4.5
5356	10	80.5	S82.00°E	5203.8	343.1	-26.3	342.2	26.03	24.1	10.0
5377	21	83.9	S85.41°E	5206.6	363.9	-28.6	362.9	22.92	16.3	-16.2
5382	5	84.4	S85.34°E	5207.1	368.9	-29.0	367.9	10.29	10.2	1.4
5388	6	84.8	S84.81°E	5207.7	374.8	-29.5	373.8	10.84	6.3	8.8
5406	18	85.6	S84.14°E	5209.2	392.8	-31.2	391.7	5.54	4.1	3.7

DRILEX SYSTEMS, INC.

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WELL NAME : MEDIA ENTRADA UNIT #2, WELL NO 2-HST
LOCATION : SANDOVAL COUNTY, NEW MEXICO
:
DRILEX REP : TOM TRUNK
No Interpolation

Page 2 of 2
Date 10-20 / 11-19-95
Filename : ME2HST

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MD	C\L	INC	DIR	TVD	VS	LAT	DEP	D'LEG	BUILD	TURN
ft	ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
5420	14	86.9	S83.87°E	5210.1	406.8	-32.7	405.6	9.69	9.5	1.9
5437	17	88.7	S84.22°E	5210.8	423.7	-34.4	422.5	11.07	10.9	-2.1
5454	17	90.7	S84.51°E	5210.9	440.7	-36.1	439.4	11.36	11.2	-1.7
5487	33	90.5	S87.18°E	5210.5	473.7	-38.5	472.3	8.10	-0.4	-8.1
5519	32	88.8	S88.46°E	5210.7	505.6	-39.7	504.3	6.62	-5.3	-4.0
5547	28	89.5	N89.46°E	5211.1	533.5	-39.9	532.3	7.77	2.3	-7.4
5581	34	90.3	N88.63°E	5211.2	567.3	-39.4	566.2	3.45	2.4	-2.4
5613	32	90.6	N89.42°E	5210.9	599.0	-38.8	598.2	2.68	1.0	2.5
5645	32	90.9	N89.56°E	5210.5	630.8	-38.6	630.2	0.95	0.8	0.4
5677	32	90.8	N88.49°E	5210.0	662.6	-38.0	662.2	3.37	-0.4	-3.3
5711	34	91.1	N88.55°E	5209.5	696.3	-37.1	696.2	0.87	0.9	0.2
5743	32	91.5	N88.45°E	5208.8	728.0	-36.3	728.2	1.32	1.3	-0.3
5776	33	90.8	N88.16°E	5208.2	760.7	-35.3	761.2	2.35	-2.2	-0.9
5798	22	90.8	N88.55°E	5207.9	782.5	-34.7	783.2	1.81	0.4	1.8
5822	24	90.9	N88.98°E	5207.5	806.3	-34.2	807.2	1.83	0.4	1.8

Origin of Bottom Hole Closure WELLHEAD CENTRE
Bottom Hole Closure 808 ft 92.4°

WHIPSTOCK SET 5240 ft. - 5255 ft. IN 4 1/2 IN. 11.6#
PER ft. LINER