

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 080384B	
2. NAME OF OPERATOR Merrion Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 840, Farmington, New Mexico 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FSL and 1650' FWL		8. FARM OR LEASE NAME Hickman A	
14. PERMIT NO.		9. WELL NO. 1R	
15. ELEVATIONS (Show whether DF, RT, or GL) 6080' GL		10. FIELD AND POOL, OR WILDCAT Gallegos Gallup	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T26N, R12W		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Drilling history</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilling history is attached.

Please file a copy of the temp. survey

RECEIVED
JUN-5 1987
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Operations Manager

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
DATE 5/27/87

DATE JUN 04 1987

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side

110000

HICKMAN A 1R

5/15/87 Day No. 1

Current Operation: drilling.

MIRU, drill rat hole, mouse hole, spud 12-1/4" surface hole to 228' KB. T.O. Run 5 joints 8-5/8" 24 lb/ft J-55 surface casing to 227' KB and cemented with 175 sx Class B cement with 3% CaCl₂. TOC @ surface. Plug down at 7:15 p.m. TOH with 12-1/4" bit no. 1 at 228'. TIH with 7-7/8" bit no. 2. (Four Corners Drilling)

5/16/87 Day No. 2

TD - 2530'. Current Operation: drilling.

Mud weight 8.6, viscosity 28, water loss 14. Continuing to drill with 7-7/8" bit no. 2. Surveys run as follows: 736' - 1; 1238' - 1-1/2; 1551' - 1. (Four Corners Drilling)

5/17/87 Day No. 3

TD - 2559'. Current Operation: back-off. Fishing for stuck drill collars and bit @ 2,470' KB.

Mud weight 8.6, water loss 8.6. TOH with bit no. 2 at 2559'. Surveys run as follows: 2052' - 3/4; 2522' - 3/4. (Four Corners Drilling)

5/18/87 Day No. 4

TD - 3249'. Current Operation: drilling.

Mud weight 8.6, viscosity 35, water loss 10. TIH with 7-7/8" bit no. 3. Survey run as follows: 3022' - 3/4. (Four Corners Drilling)

5/19/87 Day No. 5

TD - 4154'. Current Operation: drilling.

Mud weight 9.0, viscosity 34, water loss 10. TOH with 7-7/8" bit no. 3. at 3626'. TIH with 7-7/8" bit no. 4 Survey run as follows: 4013' - 1/2. (Four Corners Drilling)

5/20/87 Day No. 6

TD - 4908'. Current Operation: drilling.

Mud weight 9.0, viscosity 34, water loss 9. Continuing to drill with bit no. 4. Survey run at 4550 - 1. (Four Corners Drilling)

5/21/87 Day No. 7

TD - 5280'. Current Operation: trip. Progress: 372'.

Mud weight 9.2, viscosity 34, water loss 8.5. Trip out with bit no. 4 at 5280'. Survey run at 5280' - 1/2. Logged. (Four Corners Drilling)

HICKMAN A1R

5/22/87 Day No. 8

Long string casing. Driller's TD - 5280'. Casing TD - 5280' KB.

<u>ITEM</u>	<u>LENGTH</u>	<u>DEPTH 'KB</u>
Guideshoe	.80	5278
Jt. #1, Shoe Jt.	40.14	
Float Collar	1.78	5235.38
Jt. #2-28, 27 jts. casing	1087.67	
Stage Tool	1.68	4146.03
	<u>4151.38</u>	
	5283.35	

Circulated the last jt. down. Circulated to lower viscosity to 52-56 sec. viscosity. Rigged up Western Co. to cement 1st Stage as follows: Pump 15 Bbls water ahead of 225 sx Class 'H' cement with 2% gel. 15.4 #/gal, yield 1.22 cu.ft/sk. (274.5 total cu.ft.) 48.8 total Bbls slurry. Shut down. Wash pump and lines. Dropped plug. Displace with 16 Bbls water and 67 Bbls mud. Plug down @ 1:15 p.m. Bled pressure off float. Held good. Dropped opening bomb. Wait 25 minutes. Opened stage tool. Circulated between stages.

Cement 2nd Stage as follows: 15 Bbls water ahead of 600 sx Class 'B' cement with 2% chemical extender, 12.5 #/gal, yield 2.06 cu.ft/sk. (1236 cu.ft. cement), 220 Bbls slurry, followed by 100 sx Class 'H' with 2% gel, 15.4 #/gal, yield 1.22 cu.ft/sk (122 cu.ft.). Displace with 66 Bbls water. Pressure up to 2200 psi. Bled pressure off. Tool closed. Rigged down Western Co. Rigged down BOPs. Set casing in slips. Cut off casing. Released rig.

Casing description: all 4.5" 10.5#/ft MKK new casing. 131 joints total. (CCM)

Rig up Welex. Run IES/Induction and Compensated Density Logs. Rig down Welex. Prepare to run 4-1/2" casing. (LDE)

5/23/87 Day No. 9

Wilson Service ran temperature survey. Top of cement at 1500', TD 4100'. (CCM)

5/27/87 Day No. 13

WOC. (SSD)