

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse 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. NM 04073	
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 2250' FNL and 750' FEL		8. FARM OR LEASE NAME Megabyte Com	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7462' KB, 7449' GL		10. FIELD AND POOL, OR WILDCAT NE 1/4 Sec. 30, T26N, R2W Undesignated Gallup/Dak	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T26N, R2W	
		12. COUNTY OR PARISH Rio Arriba	
		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) Completion History <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.) \*

Completion history for the above well is attached.

RECEIVED  
JUL 13 1987  
OIL CON. DIV.  
DIST. 3

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

SIGNED [Signature] TITLE Operations Manager ACCEPTED EC 2 DATE 6/29/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL 18 1987

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

FARMINGTON RESOURCE AREA  
BY SMW

\*See Instructions on Reverse Side  
NMOCC

MEGABYTE NO. 1

5/19/87 Day No. 1

MIRU RAM rig. Nipple up BOPs. PU and run 4-3/4" cone bit and casing scraper with 2-7/8" EUE 6.5 #/ft J-55 tubing. Drilled out 6' of cement on top of stage tool. Drilled out stage tool @ 3959' KB. Circulated hole clean. SDON. (CCM)

5/20/87 Day No. 2

TIH to 2nd Stage Tool @ 6,236' KB and drilled out. Pick up pipe to 7748' KB and cleaned out to 7,808' KB. Started drilling hard. Circulated clean. Pulled tubing to 7500' KB. Rigged up Western. Rolled hole with 10 Bbls gel plug. Loaded hole with 1 gal/1000 aquaflo water, spotted 250 gal. 7.5% HCL with surfactant. TOH with 2-7/8" tubing, bit, and scraper. Rigged up Blue Jet to run Gamma-Ray and Cement Bond Log. Gamma-Ray not working right. Ran CBL from 7,808' KB - PBTD to TOC 1st Stage @ 6,850' KB. Cement Bond excellent. Pulled to 2nd Stage Tool @ 6,236' KB and logged to TOC @ 5,300' KB. Pulled to 3rd Stage Tool and logged to TOC @ 3,640' KB. Pulled CBL. Rigged up Western Co. Pressure test casing, 4,000 psi for 15 minutes. Held good. Rigged down Western. Rigged up Blue Jet. Ran Gamma-Ray collar correlation log from PBTD - 7,808' KB to 5,800' KB to correlate. SDON. (CCM)

MEGABYTE NO. 1

5/21/87 Day No. 3

Rig up Blue Jet, Inc., perforate first stage - 'C' zone with 0.38" diameter holes per induction log as follows: 7286', 7300', 7322-7342' (10 holes), 7344'-7364' (10 holes), 7375'-7395' (10 holes), 7395'-7415' (10 holes), 7425', 7433', 7446', 7468', 7483'; total 47 holes. Rig up Western Co. Breakdown perfs. Pump 500 gal 15% HCL, 1 gal/1000 gal aquaflow and drop 100 ball sealers. Displace @ 35 BPM to max pressure 4,000 psi. Flow back, retrieved 96 balls with junk basket, 41 hits. Frac Mancos 'C' zone with 30 lb. gel water, 1 gal/1000 aquaflow as follows:

<u>FLUID</u>	<u>TYPE</u>	<u>FLA</u>
12,500 gal.	Gal Pad	40#/1000
15,000 gal.	1 #/gal. 20/40 sand	25#/1000
20,000 gal.	2 #/gal. 20/40 sand	15#/1000
10,000 gal.	3 #/gal. 20/40 sand	None
7,300 gal.	Flush Water	

Average rate - 50 BPM  
Average pressure - 2,000 PSIG  
Total Sand - 85,000 lbs. 20/40  
Total Water - 1,551 Bbls  
ISDP - 1,000 PSIG down to 600 PSIG in 5 minutes.

Run wireline set Baker RBP and set @ 7,275' KB per induction log. Pressure test plug to 4,000 PSIG for 15 minutes. Perforate 2nd Stage Mancos, 'A' and 'B' zones with 4" casing guns, 0.38" holes, per induction log as follows:

7146' - 7166', 10 holes  
7166' - 7186', 10 holes  
7202' - 7222', 10 holes  
7222' - 7242', 10 holes  
7248' - 7264', 6 holes

Total 46 holes. Breakdown perfs, pump 750 gal 15% HCL, 1 gal/1000 aquaflow, and drop 100 ball sealers. Displace to perfs. SD @ max. pressure 4,000 PSIG. Flow back. Retrieve 7 balls with junk basket. Frac 2nd Stage 'A' and 'B' zone with 30 lb. gel, 1 gal/1000 aquaflow as follows:

<u>FLUID</u>	<u>TYPE</u>	<u>FLA</u>
12,500 gal.	Gal Pad	40#/1000
15,000 gal.	1 #/gal. 20/40 sand	24#/1000
20,000 gal.	2 #/gal. 20/40 sand	15#/1000
10,000 gal.	3 #/gal. 20/40 sand	None
6,950 gal.	Flush	

Average rate - 50 BPM  
Average pressure - 1,000 PSIG  
Total Sand - 81,000 lbs. 20/40  
Total Water - 1,501 Bbls  
ISDP - 900 PSIG down to 300 PSIG in 15 minutes.

Shut-in. SDON. (SSD)

MEGABYTE NO. 1

5/22/87 Day No. 4

Well dead. TIH with hydrostatic bailer. Tagged sand @ 7215' KB. Cleaned out 60' of sand and frac balls. Pulled plug. TOH with BP, retrieving head, hydrostatic bailer and 2-7/8" EUE tubing. TIH with 2-7/8" EUE tubing. Tagged sand @ 7673' KB. 135' of fill on bottom. 190' of rat hole below bottom perf. Pulled tubing to leave 220 joints tubing in the hole with reg. collar and SN on bottom. 7127' of tubing. Nippled down BOPs. Land tubing in wellhead. SDON. (CCM)

5/23/87 Day No. 5

Summary: swabbed 257 Bbls water.

Casing dead. Tubing on slight vacuum. Initial fluid level 1500' KB. Swabbed 10 hours. Recovered 257 Bbls water, 0 oil. Water gas cut. Some frac sand swabbed on last runs. Stabilized fluid level @ 2500' KB for last 4 hours. Casing pressure - 0 PSI. Shut well in until Tuesday. (CCM)

5/27/87 Day No. 9

Summary: Swabbed 333 Bbls fluid. 5-10% oil.

TP/CP - 350/500. Blew tubing down. Started swabbing. Initial fluid level @ 2,000'. Made 6 runs. Casinghead leaking. Bled casing down and fixed leak. Total runs today - 25. Total fluid recovered - 333 Bbls. 20% oil on first run, 5-10% on remainder. Stabilized fluid level @ 3500' KB. 590 total Bbls recovered since frac. (CCM)

5/28/87 Day No. 10

Summary: Total fluid recovered since frac including 30 Bbls flowed overnight - 808 Bbls. Color cut tank and had 63 Bbls free oil. 745 Bbls water recovered and 63 Bbls oil.

TP/CP - 650/650. Blew tubing down. Started swabbing. Initial fluid level @ 3,000' KB. 15% oil. Made 19 runs. 160 Bbls of fluid and tubing started flowing. Flowed 28 Bbls in 2.5 hours. Fluid cut approximately 25% oil. Casing 550 psi. Left tubing open to frac tanks overnight. 5/28/87 a.m. - well flowed 30 Bbls overnight and died. Casing 850 psi. (CCM)

MEGABYTE NO. 1

5/29/87 Day No. 11

Summary: Total fluid recovered since frac - 976 Bbls.  
CP - 850 psi. Tubing dead. Flowed 30 Bbls fluid overnight. Made 2 swab runs. 1st run fluid level @ 2500' KB. 2nd run fluid level @ 4000' KB. Well started flowing. Well flowed 16 Bbls fluid the first hour, approximately 25% oil. Flowed 4 Bbls second hour, same oil cut, casing 50 psi. Tubing died. Swabbed 88 more Bbls fluid from fluid level 4500' KB to 5500' KB. Casing 250 psi. 168 Bbls fluid recovered today includes 30 Bbls overnight production. (CCM)

5/30/87 Day No. 12

Summary: Total fluid recovered since frac - 1120 Bbls. Swabbed and flowed total of 144 Bbls today. Approximately 25% oil. Initial fluid level - 3500' KB. Ending level 5000' KB.  
Tubing dead. Casing 800 psi. Made 1 run. Fluid level @ 3500' KB. Tubing flowed 1.5 hours, 20 Bbls and died. Casing 500 psi. Check PBDT with sand line @ 7640' KB. Sand fill 157' below perfs. Resumed swabbing. Fluid level started at 4200' KB down to 5000' KB. 124 Bbls swabbed. Total fluid for today 144 Bbls. Casing 300 psi. Left tubing open to tank overnight. SDON. (CCM)

5/31/87 Day No. 13

Summary: Total recovery today 28 Bbls. Total fluid recovered since frac 1148 Bbls. 140 Bbls oil recovered in frac tank to date.  
Tubing dead, casing 750 psi. Initial fluid level 4000' KB. Initial swab run, 17 Bbls recovered, 65% oil, well flowing. Shut-in, installed adjustable flow choke in flow line. Casing 650 psi, tubing 200 psi. Opened on 1/4" choke setting. After 1 hour flowing 3 Bbls fluid. Casing 700 psi, tubing 100 psi. 2nd hour open choke some to 3/8". Casing after 1 hour 630 psi, tubing 100 psi. 5 Bbls fluid 2nd hour. 3rd hour left choke on 3/8", casing 630 psi, tubing 100 psi. Made 3 Bbls fluid, left choke on 3/8" setting overnight. SDON. (CCM)

6/1/87 Day No. 14

2 Bbls total fluid flowed overnight. Tubing dead. Casing 800 psi. Left open overnight. (CCM)

6/2/87 Day No. 15

Summary: Swabbed and flowed 83 Bbls total fluid. Estimate 35% oil cut. Ran tracer log. Total recovery to date - 1231 Bbls.  
Tubing dead, casing 800 psi. No fluid production. Made swab run. Fluid level @ 4500' KB. Pulled 14 Bbls. Tubing started flowing. Installed adjustable flow choke, set on 3/8". Casing 800 psi, tubing 200 psi. Flow from well - 8:30 - 9:30: 8 Bbls fluid, casing 650 psi, tubing 60 psi. 9:30 - 10:30: 5 Bbls fluid, casing 650 psi, tubing 60 psi. 10:30 - 11:30: 4 Bbls fluid, casing 650 psi, tubing 40 psi. Removed choke. Open through 2" 1 hour. Made 2 Bbls fluid. Tubing still gassing after 1 hour. Casing 700 psi. Ran log W.A.L.G. wireline, ran Gamma-ray tracer log. Tagged sand @ 7640' KB. Made 1 run W.A.L.G. wireline. Made 7 swab runs. Starting fluid level @ 5000' KB. Pulled 11 Bbls fluid. Fluid level 5000' KB. 50 Bbls fluid recovered today. Casing 300 psi. Left tubing open to tank. SDON. (CCM)

MEGABYTE NO. 1

Day No. 16 6/3/87

Summary: Swabbed and flowed 103 Bbls total fluid. Estimate average 35% oil. Total fluid recovered - 1,336 Bbls.

Tubing dead, casing 850 psi. No production overnight. Made swab run.

Fluid level @ 4500' KB, 17 Bbls, 80% oil.

8:30-9:30: set choke - 30/64. Flowed 8 Bbls, casing 620 psi, tubing 20 psi, 25% oil cut.

9:30-10:30: 5 Bbls, casing 650 psi, tubing 20 psi, 25% oil cut.

10:30-11:30: 2 Bbls, casing 650 psi, tubing 0 psi, 30% oil cut.

11:30 - logged off. Made one run, fluid level @ 4500' KB. 50% oil on swab run. Casing 550 psi, tubing 100 psi after swab kicked off flowing.

11:45-12:45: 40/64 choke setting, 3 Bbls, casing 550 psi, tubing 100 psi.

12:45 - made one swab run, fluid level @ 4800' KB. 50% oil on swab run, 12 Bbls. Started flowing, casing 550 psi, tubing 100 psi. Flowed 2 hours.

1:00-2:00: choke 40/64, 2 Bbls, 25% oil.

2:00-3:00: choke 40/64, 2 Bbls, casing 500 psi, tubing 40 psi. Well died.

Blew tubing down. Removed choke. Started swabbing. Made 7 runs. Fluid level @ 4700' KB. Swabbed down to 5500' KB. Casing 350 psi. Recovered 52 Bbls.

6/4/87 Day No. 17

SIP - 0/800 psi. Made swab run. Fluid level @ 4500'. Recovered 12 Bbls fluid, 50% oil. Left flowing on 32/64 choke. Rig down, move off completion rig. 12:00 well dead, pressures 0/250 psig. (SSD)

6/5/87 Day No. 18

Turn well on through production unit. TP/CP - 400/400. (TLM)