

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BLM

Sundry Notices and Reports on Wells

1. Type of Well

Gas

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address & Phone # of Operator

P. O. Box 840, Farmington, NM 87499
505 327-9801

4. Location of Well, Footage, Sec, T, R, M

1095' FNL & 1525' FEL
Sec 29, T26N, R12W

5. Lease Number

NM 80560223

6. If Indian, Allot or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Frew Federal #3

9. API Well No.

10. Field and Pool

Basin Fruitland Coal

11. County and State

San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent☐ Abandonment☐ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut Off☐ Altering Casing☐ Conversion to Injection☒ Other Well History

13. Describe Proposed or Completed Operations

Per your 7-23-91 letter, attached is the well history showing the recompletion to the Fruitland. The well is shut-in due to line pressure. We asked permission to flare gas in a sundry dated 7-16-91 so we can test the well.

RECEIVED
AUG 08 1991.
OIL CON. DIV.)
DIST. 3

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

Signed

Title

Engineer

DATE JULY 30 1991

George F. Sharpe

(This space for Federal or State office use)

Approved by

Title

FARMINGTON RESOURCE AREA

Date

Condition of Approval, if any:

BY

Sms

NM000

FREW FEDERAL NO. 3

March 19, 1991

Day No. 1

Summary: RU. Clean out to TD.

Detail: MIRU J. C. Well Service. ND wellhead. POH w/ 33 jts of 2-3/8" EUE tbg (tally out). TIH w/ tbg, sawtooth collar on bttm. Tag fill @ 1050'. Clean out to PBTD of 1075'. Circ hole clean. POH. SWI. SDON. (ARM)

March 20, 1991

Day No. 2

Summary: Run Moyno Downhole pump.

Detail: TIH w/ Moyno pump, tbg string. Land tbg. NU wellhead. TIH w/ Moyno pump, rod string. Space out rotor tool. Install drivehead. SWI. Release rig. SDON. (ARM)

Production String:

29 jts	2-3/8" 8rd tbg EUE	927.46
1 jt	2-7/8" 8rd tbg EUE	29.93
1 ea	Strator Tool	14.48
4'	Perf sub 2-3/8" EUE 8rd	4.20
1 jt	2-3/8" 8rd EUE	31.36
1 jt	2-3/8" 8rd EUE Mud Anchor	31.70
		<u>1039.13</u>
	KB 5.00	<u>5.00</u>
		1044.13' KB

Rod String: Rotor tool
4' x 3/4" pony
37 x 3/4" rods (ryton)
4' x 3/4" pony
22' x 1-1/4" polish rod

March 21, 1991

Day No. 3

Pump and tank hooked up by CF&M.

11:00 am. Pump started. Static FL: 351'; Tbg: 20 psi; Csg: 135 psi.

4:00 pm. Pumped up very gas cut. FL: 861'; Tbg: 0; Csg: 90 psi.

9:00 pm. Still pumping very gas cut. FL: 861'; Tbg: 0; Csg: 90 psi.

Shut unit down for fear of ruining starter on Moyno pump. (TLM)

FREW FEDERAL NO. 3

March 22, 1991 Day No. 4

Turned Moyno pump back on. Left running. (TLM)

March 23, 1991 Day No. 5

Summary: Clean out and install Moyno pump.

Detail: Move in Ram and RU unit. TOOH with rods and rotor tool. ND WH. RIH, tag fill at 1060'. TOOH with tbg and stator tool. TIH with sand bailer, CO to PBTD @ 1075'. TOOH TIH with tubing and Moyno pump assembly. Land tbg. TIH with rod and rotor tool. Space out rotor tool. Install hyd drive head. Return well to production. Took well 35 min to pump up. Rel rig. (ARM)

Tubing

2-3/8" Pup jt	8.25
2-3/8" Perf Sub	4.20
2-3/8" 1 Jt	31.36
Stator tool	14.48
2-7/8" 1 Jt	29.93
30 jts 2-3/8"	956.16
8' + 10' Pup 2-3/8"	<u>18.38</u>
	1062.76

Rods

Rotor Tool
39 - 3/4" ryton rods
6' pony 3/4"
22 - 1-1/4" polish rod

40' of 1" pipe in side tubing below stator tool.

March 24, 1991 Day No. 6

Detail: Well pumped overnight, made approximately 10 bbls of H₂O. Torquing up slightly. Torque shut down, adjusted accordingly. FL @ 829'. Perf'd sub @ 1050'. (TLM)

March 25, 1991 Day No. 7

Detail: Unit down. Started. Rods torquing quite badly. Left down. No wtr produced. (TLM)

March 26, 1991 Day No. 8

Detail: Shot FL. Static FL @ 766'. Unit down 24 hrs. (TLM)

FREW FEDERAL NO. 3

March 27, 1991

Day No. 9

Summary: Swab test

Detail: Move on Ram and rig up. Pulled rotor and rods uphole 2', could not go back down. TOOH with rods and rotor. ND WH. TOOH with tbg and stator tool (had a 5' fill around bottom of tubing and inside of mud anchor). TIH with tubing, SN on bottom. RUTS 1st run FL @ 825', swabbed tbg dry, rec 17 bbls wtr. 1 hr test - FL stayed at 1000', rec 1.6 bbl fluid. Small amount sand and coal. SWI. SDFN. CP 100 psi, Tbg would not flow. Total fluid rec 18.6 bbls wtr. (ARM)

March 28, 1991

Day No. 10

Summary: Swab test. Run Moyno pump.

Detail: Check pressure: Csg 140 psi; Tbg 120 psi. Open tbg. Well flowed 1-1/2 hrs. Csg pressure dropped from to 120 psi. Started swabbing. First run FL 950'. Fluid gas cut, recovered 5 Bbl water. 1 hr test: recovered 1.5 Bbl water, FL 950'. POH w/ tbg. Run Hydro bailer. Clean out 20' fill to 1075'. POH. TIH. Swab test. Recovered 10 Bbl water. 1 hr test: Fluid entry 1.6 Bbl/hr. Well would flow 1-2 min after each run. Csg pressure after 3 hr: 100 psi. POH w/ tbg. TIH w/ Moyno pump assembly. Land tbg. TIH w/ rotor and rods. Install Hydro drivehead. Return well to production. Set pump for 26 Bbl/ day. Fluid to surface @ 6:15 pm. Csg 85 psi. Release rig. (ARM)

Tbg:	1 jt	2-3/8" mud anchor	31.36'
		2-3/8" perf sub	4.20'
		Starter tool	14.48'
	1 jt	2-7/8" tbg	29.93'
	30 jts	2-3/8" tbg	956.16'
	2-3/8' x 8' x 10' Pup jts		18.38'

Rods:		Rotor tool
	39	3/4" Ryton rods
	6'	3/4" Pony rods
	22	1-1/4" Polish rod

22' of 1" pipe inside tbg below starter tool.

FREW FEDERAL NO. 3

June 4, 1991

Day No. 1

Summary: Temporarily installed evaporator from Evaporative Systems. Not in operation. (CCM)

June 5, 1991

Day No. 2

Summary: Moyno pump locked up.

Detail: RU J.C. Well Service. Pulled stator out of housing. Pumped 15 Bbls water dn tbg. Hung back on. Pumped 5 min and locked up again. POH w/ rods and stator. Pulled tbg and stator housing, mud anchor partially stuck on bttm. Ran hydro-static bailer. Cleaned out 8' of sand and bailer stopped working. POH w/ bailer. SDON. (CCM)

June 6, 1991

Day No. 3

Detail: Ran sandline. Sand pump, made 8 runs. Dump full of sand every run. Not making any hole. Sand coming in from perfs faster than we could bail it out. Ran 2-3/8" tubing, circulated 15' to bottom. Rev clean, pulled above perfs. SDON. (CCM)

June 7, 1991

Day No. 4

Detail: Tagged sand , 2' total on bottom overnight. Pulled tubing above perfs. Swabbed 2 hrs, fl started at 500' KB. Stabilized at 900', tagged sand, had 2 more feet come in. Circ 4' sand out, pulled up & swabbed 1 hr. SDON, wait for sand entry.