

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Designation and Serial No. SF-078391C
2. Name of Operator Merrion Oil & Gas Corporation (14634)	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' fsl & 1980' fwl K Section 36, T27N, R13W (NESW)	8. Well Name and No. Hanson B No. 2
	9. API Well No. 30-045-06138
	10. Field and Pool, or Exploratory Area Basin Fruitland coal
	11. County or Parish, State San Juan County, New Mexico

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☒ Recompletion (Basin Fruitland Coal)
☐ Final Abandonment Notice	☒ Plugging Back (Gallegos Gallup)
	☐ Casing Repair
	☐ Altering Casing
	☐ Other
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut-Off
	☐ Conversion to Injection
	☐ Dispose Water

(Note: Report results of multiple completion on Completion or Recompletion Report and Log form.)

13. 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.)*

- 2/2/98 MIRU TJR Well Service. Pulled rod 3325'. RU BOPs. Pull 20,000 over string weight (2-3/8") tubing stuck. RU WL spec, run free point 3257' where rods were backed off tubing free. Run back off tool and back off tubing. TOH with 2-3/8" tbg 3247' tbg. TIH with 5-1/2" csg scraper to 3247'. TOH.
- 2/3/98 TIH with 2-3/8" tbg & 5-1/2" pkr to 3228'. Circulate hole with water, set packer @ 3228'. Pump down tubing, press up to 1000 psi & held. PU on annulus, pumped into it at 350 psi at 1/2 bpm. TOH, found hole in casing between 1541' to 1511'. TOH. TIH w/2-3/8" tbg opened & spot 100' cement plug 12 sxs Class G, 1.18 yield, 15.6# at 3228'-3128'(+). TOH.
- 2/4/98 RU Blue Jet, run Caliper Log, DCL Log. Perf'd squeeze holes 2105'-06' and 1265'-66'. RD Blue Jet. TIH w/2-3/8" tbg w/cement retainer to 2058', set retainer. Pumped 65 sxs Class H cement. Pull out of retainer. Spot 10 sxs on top of retainer. Pull up to 1557', spot 15 sx plug 110'. TOH, TIH with 2-3/8" tbg and 5-1/2" cement retainer to 1245', set retainer. Est. rate out bradenhead. Pump 400 sxs Class H cement. Circulation stopped at 400 sxs. Stung out of retainer. Reverse circulation tubing and casing clean. TOH. All cement Class H, 15.6#, 1.18 yield, 5.2 GPS.

** CONTINUED OTHER SIDE **

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

Signed Steven S. Dunn Title Drlg & Prod ManagerDate 3/3/98

APR 06 1998

(This space for Federal or State office use)

Approved By

Title

Conditions of approval, if any:

FARMINGTON DISTRICT OFFICE

2/5/98 RU Blue Jet. Run temperature log. Cement top 450', tested casing to 3000 psi - OK. TTH with 2-3/8" tbg, tubing paraffin up, would not get swab below 200'. TOH. RU Blue Jet. Perf'd 1172'-1192' (4 spf). Set packer on 1 joint of 2-7/8" tubing at 31' to frac through.

2/6/98 RU Howco to frac. Frac vis. 1 joint 2-7/8" tbg and 5-1/2" pkr, set at 31' and 5-1/2" casing perforate 1172'-1192'. AR 25.0 BPM, Min rate 21.0 BPM, Max. rate 29.5 BPM. Avg. psi 1515. Max. sand con. .25 BH, Min. sand con. .25 BH, Total N2=182,800 scf, 995.7 SCF/bbl. Well screened out. Left well set for 45 mins to let gel break. Opened on 1/4" choke for 35 mins. Flowed nothing but N2. Opened on 2" flowed nothing but N2. Well dead in 3 hrs, did not flow one drop of water or foam, only N2. Left open all night.

2/7/98 RU B&R slick line to check sand fill. Perfs 1172'-1192'. Sand fill at 968'. FL @ 450'. Well did not flow. Left open on 2"

2/9/98 Well dead. PU packer set on 1 joint of 2-7/8" tbg. TTH with 2-3/8" tbg and sawtooth collar to 970', tagged sd. CO sand to PBTD @ 1257' KB. Reverse circulate. Pull up to 1150' and start swabbing. Swabbed 30 bbls fluid, 50' fluid entry after swab, 10 mins per swab run, 2 hrs of swabbing. Left open for night. No show of gas. Well dead. No flow on well. Made 1st swab run 50' fluid. Made 1 run every 15 mins, no fluid entry.

2/10/98 TOH with 2-3/8" tbg.

2/11/98 40 psi on csg, SI overnight. TTH with 2-3/8" tbg, tagged fill @ 1228'. Pull up to 1200'. Load hole with 2% KCl water, spot 250 gals 15% HCl with additives. TOH. RU Blue Jet & perf'd 1172'-92' (2 spf - 90 deg phasing). FL had fallen to 450'. TTH with 5-1/2" packer on 2-3/8" tbg, set at 938'. Pump step rate test: 1.8 BPM @ 247 psi, 2.4 BPM @ 476 psi, 3.8 BPM @ 965 psi. Broke back to 945 psi, went up to 996 psi, broke back to 980 psi, went up to 1022 psi, broke back to 980 psi. SD. ISIP 450 psi, on vac in 4 mins. Pumped 28 bbls, made 10 swab runs. Got 5 bbls in 5 runs, last 5 runs dry. TOH w/pkr. Run pkr on 1 jt 2-7/8" tbg & set 31' for free saver. RU Howco to frac, fluid 2% KCl water, 30# x-linked gel. Avg. rate 35 BPM 70% foam. Avg. press 2225, 20/40 Arizona sand, .8 to 1.6#/gal. DH 8043#, 90 SCF/bbls, 220,495 total N2 pumped. Screened out 2", flowed N2 & died. Started flowing gel and N2, very little foam. Died in about 45 mins. Left open. Well dead, pull pkr. TTH w/2-3/8" tbg, SN and sawtooth collar. CO sand to PBTD. Pull above perfs & swab. Swabbed back 15 bbls, fluid stayed @ 150' from SN. TTH, tagged fill 2'. TOH. Put SN 1 jt off bottom. TTH to land, tagged fill 35' above PBTD. Pulled above perfs.

2/12/98 CO to PBTD @ 1257' KB. Landed 38 jts of 2-3/8" tbg @ 1197' GL, SN @ 1165'. ND BOPs. NU WH. Started swabbing FL @ 900', swabbed 80 bbls, FL stayed @ 1115'-50' above SN. SI. RDMOL.

2/13/98