

Distribution: O+4 (BLM); 1-Accounting; 1- Crystal; 1-File

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

2. Name of Operator

Merrion Oil & Gas Corporation (14634)

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

790' fnl & 1650' fwl (NENW)

Section 33, T25N, R06W

5. Lease Designation and Serial No.

SF-078875

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Canyon Largo Unit

8. Well Name and No.

Canyon Largo Unit No. 326

9. API Well No.

30-039-23264

10. Field and Pool, or Exploratory Area

Devils Fork Gallup

11. County or Parish, State

**Rio Arriba
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

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other **Repair Well**

☐ 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.)*

1/12/98 MIRU TJR Well Service. Unseat pump. Tried to hot oil, press up after 5 bbls oil. TOH with rods and pump, still could not pump down tubing. TOH with tubing.

1/13/98 Did not find any plugs in tubing. TIH with tubing. Made 1 swab run, FL at 1200' KB - 100% drlg mud. TOH with tubing.

1/14/98 TIH with Model C RBP and packer, set BP at 4986' KB. Pulled 1 stand, left pkr hanging.

1/15/98 Set 4-1/2" BP at 4986', 4-1/2" pkr set at 4920'. Test pkr to 800 psi - OK. Test annulus to 800 psi, bleed off to 665 psi in 15 mins. Circ hole with water, some mud and small amount of oil - very dirty water. PU pkr to 4147', test below pkr to 800 psi, lost 50 psi in 5 mins. Test above pkr to 800 psi, lost 245 psi in 15 mins. Set pkr at 4100', test to 800 psi dwn tbg, lost 50 psi in 5 mins. Test annulus to 800 psi, lost 50 psi in 5 mins. Unset pkr, made 3 swab runs.

1/16/98 Set 4-1/2" BP at 4986', drop standing valve in tubing. Tubing would not test. TOH. load casing, pumped 1/3 BPM at 1200 psi. Hydrotest test tubing in hole, found 2 bad collars.

**** CONTINUED OTHER SIDE ****

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

Signed Connie S. Dinning

Title Contract Engineer

Date 2/4/98

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

1/20/98
to
2/2/98

Set CIBP at 4200'. Press up on BP - held 900 psi. Pumped into holes at 1100 psi 1/2 bpm. TIH with 2-3/8" tbg with cement retainer on bottom. Set CR at 4082'. Pump 175 sxs 'G' neat cement, 11.6#, 1.18 yield, 35.7 bbls slurry. Pull out of CR, pull to 3320'. Reverse out, no cement. Trip in with 1 stand, reverse out, no cement. Trip in with 1 stand, reverse out, no cement. Trip in with 2 stands to 3632', reverse out, no cement. Spot 30 sxs 'G' neat cement, 2% CaCl₂, 15.6#, 1.18 yield, 4.8 bbls slurry. TOH to 3320', reverse out, small amount of cement. TOH to 3186' (2 stands). Squeeze 1/2 bbls 4 times, last pump held 1200 psi. No press on tubing or casing. TOH with 2-3/8" tubing and setting tool for cement retainer. PU 6 drill collars, 3-7/8" bit. TIH to top of cement at 3366'. RU power swivel, drill out first plug to 3590'. TIH to next cement plug at 3905'. Press test casing to 1400 psi for 15 mins - held OK. Drain pump and lines. Drill out 2nd plug @ 3905' and cement retainer. CO to CIBP @ 4200'. Press test - did not hold. Pumped into well 1/2 bpm at 1350 psi. SD pump, press drop to 1000 psi immediately, bled to 800 psi in 15 mins. TOH with 2-3/8" tbg, LD collars. Bit wore out, TIH with csg scraper to 4200'. TOH, TIH with 4-1/2" pkr, tst pkr to 2000 psi above BP - OK. Trip up hole until we found hole, upper squeeze hole, pumped into hole at 1/2 bpm at 1500 psi. Spot 25 sxs 'G' neat cement, 11.6#, 1.18 yield across hole 3510'-3479'. Pull up 250', reverse out, got good cement back. Trip out to 3127', reverse out. Washed packer good, set pkr and squeeze, would not squeeze, press up to 2500 psi and held. No press on tbg. Rel pkr. TOH. PU 3-7/8" bit and 6 ea. 3-1/8" collars. TIH to plug. Drid 250', good cement. TIH to BP at 4200'. Tst squeeze to 1000 psi for 30 mins - held OK. Swab well, dry to 4200'. SI for dry test. Dry test OK. Clean pit and fill with 2% KCl water. Load csg and drill CIBP at 4200'. TIH to 6245', tagged fill. PBTD @ 6395'. Bottom perf at 6286', 150' fill. TOH with 2-3/8" tbg and LD collars. CO to 6307' with bailer. TOH with production string. NU BOPs. Swab dirty water, mud, frac sand. TIH with 2-3/8" bailer. CO to 6394' KB PBTD. TOH, bailer full of thick drilling mud, lots of frac sand. Sand plugged some of the joints. Pumped the joints out with rig pump. TIH with bailer to 5000' above perms. TIH 5' fill, bail and TOH. TIH w/production string. Swabbed, getting small amount of mud. Cleaned up getting water and small amount of oil, started at 3100'. Fluid stayed at 5000'. Check FI came up 600' to 4400'. TIH, tagged fill 15' fill at 6379' KB. Land tubing, SN at 6235', 4' perf d jt, 31' mud anchor = 6270' bottom tbg. 193 jts 2-3/8", 8rd tbg. Run rods: 2 x 1/4" x 6' x 9' x 11' RHAC pump and rods. Put well on production 2/2/98.