

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BIM MAIL ROOMFORM 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

OCT 11 PM 1:49
070 FARMINGTON, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 840, Farmington, NM 87499

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

790' fsl & 790' fel
Section 29, T25N, R6W

7. If Unit or CA, Agreement Designation

Canyon Largo Unit

8. Well Name and No.

Canyon Largo Unit 357

9. API Well No.

30-039-23876

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

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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 Well 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.)*

9/25/95 MIRU Big 'A' Rig No. 16 on 9/25/95. Blew a small amount of gas pressure off well. Worked pump free and TOH with polished rod, 2' and 4' of 3/4" pony rods, 105 - 3/4" rods with rod guides, 109 - 5/8" plain rods, 39 - 3/4" plain rods, and 2" x 1-1/2" x 12' RHAC pump. ND WH & NU BOP. Pull donut and remove. PU extra joint of 2-3/8" tubing and tagged bottom. TOH with 194 jts of 2-3/8", 4.7#, J-55, EUE tubing, seating nipple, 4' perforated sub, and 21.85' orange peeled mud anchor. Tubing tally indicates with seating nipple was set at 6378' KB and the bottom of the mud anchor was at 6405' KB. There was 22' below mud anchor before the tubing tagged up which make PBDT at 6427' KB. One small holiday on joint #173 but otherwise tubing is in good condition. Some of the 3/4" rods with rod guides appear to be torqued and several are bent but usable. RU pump and pit. Will TIH with RBP and packer 9/26/95. Shut well in overnight.

9/26/95 PU Mountain States RBP and tension packer. TIH and set RBP at 5895' KB. Top Gallup perf at 6024' KB. Set packer at 5862' KB and pressure tested tubing and RBP to 1000# - held OK. Released packer and circulated 75 bbls of grey mud to pit with 2% KCl water. Set packer and pumped into annulus at 1 BPM at 1000#. Press dropped to 0# in 30 seconds. Spotted 5 gal of sand on RBP and pulled uphole with packer and isolated a small leak between 3947' KB and 4018' KB (0.5 BPM at 1000# - would hold 650# pressure). Also found larger leak between 338' KB and 370' KB. Could pump into the top leak at 2 BPM at 700# and circulated to surface through the braden head valve. TIH with packer and set at 3754' KB. Established injection rate into lower hole with 2% KCl water of 0.5 BPM at 1000#. Opened packer equalizer port. Mixed and pumped 30 sx of neat cement and displaced to the packer. Closed equalizer ports and squeezed cement into hole with a total of 16.8 BW. Maximum and final squeeze pressure was 1000#. Left top of cement at approx. 3900' KB. Shut well in overnight.

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

Signed Steven S. Dunn Title Operations ManagerDate 10/09/95

(This space for Federal or State office use)

Approved by _____

Title _____

Conditions of approval, if any: _____

ACCEPTED FOR RECORD

OCT 12 1995

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

*See Instructions, Reverse Side

NMOCD

BY 21

9/27/95 Worked stuck packer free and TOH. Lost small (2" x 1" x 1/4") piece of drag pad. RU Cementers Inc. on casing valve and established circulation at 2 BPM and 300# through bradenhead valve with 20 bbls of 2% KCl water. Mixed and pumped at total of 225 sxs of Class 'G' cement with 3% CaCl₂. Circulated 5 bbls of good cement to pit and closed bradenhead valve. Pumped 8 more bbls of cement into formation and injection pressure built up to 1000#. Displaced cement with 3.5 bbls of water at 2.5 BPM and 900-1000#. Pressure bled back to 100#. Hesitate last .5 bbls of displacement in two stages 30 mins apart. Pressure would build to 1000# but bled back. Left well shut in.

9/28/95 PU 3-7/8" three blade paddle mill and TIH. Tag cement at 211' KB. Drid cement stringers to 244', then hard cement to 380' KB. Press tested top squeeze to 500#. No drop in pressure in 15 mins. TIH and tagged bottom squeeze cement at 3865' KB. Drid good cement to 3957' KB. Circulated hole clean and SDON. Bottom of cement should be no lower than 4013' KB.

9/29/95 Continue drilling cement. At 3985', tubing kept plugging up and metal shavings were noticed in returns. TOH to inspect mill. All of the missing piece of the packer drag pad was stuck in the mill. PU 4-1/2" casing scraper on top of 3-7/8" mill and TIH. Continued drilling cement. Drilled out of cement at 3990' KB. Circ hole clean and press tested to 500# - held OK. Hang back swivel and TIH. Circ 20' of fill off RBP. Circ hole clean with 2% KCl water and TOH. SD for weekend.

10/02/95 PU Mountain States compression packer and TIH. Set packer at 3690' KB. Press tested lower squeeze hole to 1000# - held OK. TIH to RBP and circulated sand off RBP. Pull up 1 stand and RU to swab. Made several swab runs with sinker bars, knife, and undersized cups, before standard sized cups would fit, due to paraffin buildup inside the tubing. Swabbed fluid level to 5100'. SD and dry tested for 1 hour. No fluid buildup. TIH and released RBP. TIH and set RBP below lowest set of perfs at 6370' KB. Pulled up and set packer between lower and middle sets of perfs at 6279' KB. RU to swab. Very slight blow of gas from the tubing and a stronger blow from the casing. SWI. SDON

10/03/95 At 8:00 Pressures: SITP 0#, SICP 100#. Made 5 swab runs from lower set of perfs. FL dropped from 5100' to the packer at 6279' in 3 runs. Last 2 swab runs were an hour apart. Did not tag a fluid level and did not recover any fluid during last two runs. RD lubricator and discovered that swab mandrel was broken. Released packer and TOH with tubing. Recovered swab mandrel and cups. TIH with packer and tubing as before but did not set packer. Made 6 swab runs from the packer. Fluid level dropped from 5100' to 5950'. Recovered approximately 6 bbls of gas cut/oil water foam. Casing press built to 85# and was building at about 10# per run. Shut well in overnight.

10/04/95 At 8:00 Pressures: SITP 0#, SICP 180#. Blew casing down and made 3 swab runs. Fluid level dropped from 5600' to 5900'. All runs were from the seating nipple at 6279'. Recovered approx. 2 bbls of gas cut fluid. Sample from the third run was 90% oil and 10% water. Gas continued to vent from the casing. Connected swab line to flowline to swab directly to the stock tank. Made four more swab runs and fluid level stabilized around 6100'. Recovered 4.25 bbls. Samples now indicate 100% oil. Made 5 more swab runs at 30 min intervals. FL dropped from 6100' to 6180'. Average recovery was 0.25 bbls/run or 12 bbl/day. Well still venting gas from the casing. Set packer at 6279' to isolate lower perfs. Made 3 swab runs. FL dropped to the packer after two runs and the third run had no recovery. Released packer, TIH and retrieved RBP, and start TOH. Pulled 20 stands and shut down due to high winds.

10/05/95 Continue TOH with tubing, RCP and RBP. LD RCP and RBP. TIH with mud anchor, perforated sub, seating nipple and 194 lbs of 2-3/8" tbg. Landed tubing at 6403.93' KB. Seating nipple at 6378.08' KB. ND BOP. NU WH. Ready rig to run rods. Check pump on surface - OK. TIH with 2" x 1-1/4" x 11' RHAC pump, 39 - 3/4" plain rods, 111 - 5/8" plain rods, 103 - 3/4" rods with guides, 6' - 3/4" pony, 2' - 3/4" pony, 4 - 3/4" pony and polish rods. (Used 12 new lbs of 5/8" plain rods and LD 10 - 5/8" and 2 - 3/4" bent and/or stretched rods.) Space out and set rods. RU horse head and bridle. Could not start pumping unit (no spark plug wire). RDMOL on 10/5/95.