

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

1. Type of Well:

☒ Oil Well ☐ Gas Well ☐ Other:

2. Name of Operator:

Merrion Oil & Gas Corp

3. Address & Phone No. of Operator:

610 Reilly Ave Farmington, NM 87401 505-324-5300

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

Unit H (SENE) 1930' FNL & 660' FEL, Sec. 17, T26N, R11W, NMPM

RECEIVED

AUG 16 2011

Farmington Field Office
Bureau of Land Management**5. Lease Number:**

SE-079679

6. If Indian, All. Or Tribe Name:

NA

7. Unit Agreement Name:

NA

8. Well Name & Number:

Delhi Taylor A #4

9. API Well No.:

30-045-05851

10. Field and Pool:

Gallegos Gallup

11. County and State:

San Juan County

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**Type of Submission:**☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment**Type of Action:**☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change of Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug & Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temp Abandon☐ Water Disposal☐ Water Shut-off☐ Well Integrity☐ Other:**13. Describe Proposed or Completed Operation:**

Merrion Oil & Gas Corporation on 7/12/11 P&A'd the above mentioned well. Please see the attached report.

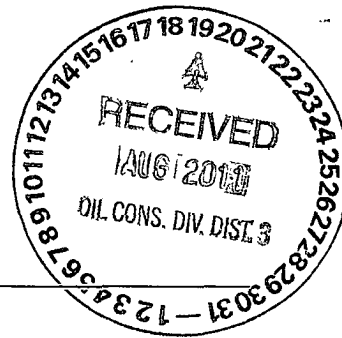
14. I hereby certify that the foregoing is true and correct.Signed Philana ThompsonTitle Regulatory Compliance Spec. Date _____

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

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



ACCEPTED FOR RECORD

AUG 17 2011

FARMINGTON FIELD OFFICE

NMOCD A

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Merrion Oil & Gas Corp

Delhi Taylor A #4

July 13, 2011

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1930' FNL & 660' FEL, Section 17, T-26-N, R-11-W

San Juan County, NM

Lease Number: SF-079679

API #30-045-05851

Plug and Abandonment Report

Notified NMOCD and BLM on 7/5/11

Plug and Abandonment Summary:

- 7/06/11 Assist rig off old location Water down new location with 80 bbls fresh water. MOL and RU. SI well. SDFD.
- 7/07/11 Open up well and blow down 10 PSI casing pressure. PU on tubing pulling 30K; string weight 20K. Strip off wellhead. Strip on wellhead with 7-1/16" 3M companion flange and BOP, test. TOH with 1-1/2" tubing, drilling mud on tubing. TOH and tally 158 joints 1-1/2" NU tubing with SN and saw tooth collar, 5282'. Round trip 2.875" gauge ring to 5240'. RIH with 3.5" CIBP and set at 5229'. TIH with tubing and tag BP at 5229'. Load casing and establish circulation. Attempt to pressure test casing; bled down from 500 PSI to 250 PSI in 30 seconds.
Plug #1 with CIBP at 5229' spot 20 sxs Class B cement (23.6 cf) inside casing from 5229' to 4746' to cover the Gallup interval.
PUH to 3635'. SI well. SDFD.
- 7/08/11 Open up well and blow down 2 PSI casing pressure; tubing on a vacuum. TIH and tag cement low at 5128'. Attempt to pressure test casing to 875 PSI; bled down to 850 PSI in 15 minutes. M. Gilbreath, BLM representative would not accept test. Required pin recorder. Set up recorder. Pressure test casing to 500 PSI for 10 minutes. Test accepted.
Plug #1b spot 12 sxs Class B cement (14.16 cf) inside casing from 5128' to 4838' to top off the Gallup top.
TOH with tubing. Perforate 3 squeeze holes at 2408'. Attempt to establish injection rate into squeeze holes; pressured up to 1000 PSI with slight bleed off. S. Mason, BLM, approved procedure change. TIH with open ended tubing.
Plug #2 spot 17 sxs Class B cement (20.06 cf) inside casing from 2460' to 2050' to cover the LaVentana top.
TOH with tubing. SI well and SDFD.
- 7/11/11 Open up well; no pressures. TIH and tag cement at 2164'. TOH with tubing. Perforate 3 squeeze holes at 1533'. Attempt to establish rate in perforations; pressured up to 1300 PSI with no bleed off. S. Mason, BLM, approved procedure change.
Plug #3a spot 14 sxs Class B cement (16.52 cf) with 2% CaCl₂ inside casing from 1588' to 1250' to cover the Pictured Cliffs top.
TOH with tubing and WOC. Dig out cellar. Pressure test bradenhead to 300 PSI; bled down to 150 PSI after 1 minute. Estimate TOC at 130'. Pressure test intermediate casing to 300 PSI. TIH and tag cement at 1349'. Perforate 3 squeeze holes at 1216'. Attempt to establish injection rate; pressured up to 1500#; no change. Bled off to 800 PSI in 1 minute. M. Gilbreath, BLM, approved procedure change.

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Plug and Abandonment Summary Cont'd:

Plug #3b spot 28 sxs Class B cement (33.04 cf) inside casing from 1276' to 600' to cover the Fruitland top.

TOH with tubing. Load casing with 1.5 bbls of water and squeeze 3.75 bbls into perforations at 1250 PSI. SI well with 800 PSI. SDFD.

7/12/11 Open up well; no pressure. TIH and tag cement at 1108'. TOH and LD tubing. Perforate 3 squeeze holes at 602'. Establish circulation down casing and out bradenhead with 2.5 bbls of water 1.5 bpm at 500 PSI.

Plug #4 with 190 sxs Class B cement (224.2 cf) down 3.5" casing from 602' to surface to cover the Kirtland, Ojo Alamo tops and the surface casing shoe, circulate good cement to surface. SI well and WOC. ND BOP. Dig out wellhead. Issue Hot Work Permit. Monitor well. Cut off wellhead. Found cement down 86' in 3.5" casing, 5' in 5.5" x 10-3/4" annulus and water standing inside 3.5" x 5.5" annulus. PU and RIH with poly pipe.

Plug #5 mix and pump 20 sxs Class B cement (23.6 cf) to top off casing, annulus and install P&A marker. RD. MOL. Rode rig and equipment to A-Plus Yard.

M. Gilbreath, BLM representative, was on location.