

District I
PO Box 1900, Hobbs, NM 88241-1900
District II
PO Drawer DD, Arrola, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Mountain States Petroleum Corp. PO Box 3531 Midland TX 79702		OGRID Number 147701
		Reason for Filing Code CH Effective 3/1/96
API Number 30 - 0 45-08363	Pool Name Totah Gallup	Pool Code 59750
Property Code 18132	Property Name Navajo Tribal H	Well Number 12

II. Surface Location

UL or lot no. E	Section 14	Township 29N	Range 14W	Lot Ida	Feet from the 1830	North/South Line North	Feet from the 810	East/West Line West	County San Juan
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Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
" Lee Code N	" Producing Method Code P	" Gas Connection Date	" C-129 Permit Number	" C-129 Effective Date	" C-129 Expiration Date				

III. Oil and Gas Transporters

" Transporter OGRID	" Transporter Name and Address	" POD	" O/G	" POD ULSTR Location and Description
009018	Giant Refining Co. P O Box 12999 Scottsdale, AZ 85267	0526210	0	E-14-29N-14W

IV. Produced Water

" POD 0526250	" POD ULSTR Location and Description E-14-29N-14W
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V. Well Completion Data

" Spud Date	" Ready Date	" TD	" PBTB	" Perforations
" Hole Size	" Casing & Tubing Size	" Depth Set	" Sacks Cement	

VI. Well Test Data

" Date New Oil	" Gas Delivery Date	" Test Date	" Test Length	" Tbg. Pressure	" Cag. Pressure
" Choke Size	" Oil	" Water	" Gas	" AOF	" Test Method

" I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Brian M. Sirgo

Title: Agent

Date: March 4, 1996

Phone: 915/685-0878

OIL CONSERVATION DIVISION

Approved by:

Title: SUPERVISOR DISTRICT #3

Approval Date:

MAR 15 1996

" If this well changes of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Robert L. Bayless

Printed Name

Sole Proprietor

Title

02/29/96

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2198

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo H

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Totah Gallup

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 14, T29N, R14W

12. COUNTY OR PARISH 13. STATE

San Juan N. Mex.

OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1830' FNL and 810' FWL

RECEIVED

FEB 04 1985

14. PERMIT NO

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5214' KB

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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.) *

Workover as per attached.

RECEIVED
FEB 08 1985
OIL & GAS DIV.
DIST. 3

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

SIGNED

TITLE Operations Manager

ACCEPTED FOR RECORD
DATE 1/31/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side

NMOCG

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.

MERRION OIL & GAS CORPORATION

Navajo H-12 Production

1/8/85 Move in, rig up Spartan Well Service. Set 4 new anchors. Pulled and layed down 3 rods. Rigged up MoTe and hot oiled down tubing with 65 Bbls of hot oil. Trip out of hole with rods and pump. Pulled on tubing. Tubing stuck. Turned to right and unset tubing anchor. Trip out of hole with 2-3/8" tubing, perforating sub and mud anchor. Shut down overnight.

1/9/85 Nippled up BOPs. Hydrotested 2-3/8" tubing to 5000 PSI with Model C retrievable bridge plug. Hydrotested 65 stands and could not get through paraffin. Will lay down stands that will not test and replace. Shut down overnight.

1/11/85 Tripped in hole with 2-3/8" tubing and Model A tension packer. Set packer @ 1874 and pressure test casing to 3500 PSI below 1874. Held. Tripped tubing and packer out of hole. Dropped 5 gal. sand on bridge plug. Rig up Dowell to squeeze. Mix and pump 50 sx Class H with 2% CaCl and 6% D-60, Density 15.6 #/gal. Hield 1.18 cu. ft./sk. Displaced with 21 Bbls water and slowed rate down to 1/2 BPM. Displaced to 23 Bbls gone. Shut in and waited 5 minutes.

Pumped 1/2 Bbl	5 minutes	300 PSI
1/2 Bbl	5	300
1/2 Bbl	15	300
1/2 Bbl	15	300
1/4 Bbl	15	300
1/4 Bbl	15	300
1/4 Bbl	20	300
1/4 Bbl	25	300
1/4 Bbl	25	600
1/4 Bbl	20	1500

Total displacement: 26-1/2 Bbls.

Held 1500 PSI 15 minutes.

Bled pressure off to 1000 PSI and shut in. (RD)

1/12/85 Trip in hole with 2-3/8" tubing, casing scraper and 3-7/8" bit.

Tagged cement @ 1500' KB. Drill out cement to 1800'. Cement soft. Shut down and let cement set up overnight.

1/13/85 Drill out cement and pressure test to 2000 PSI. Did not hold. Trip bit and 2-3/8" tubing out of hole. Rig up Dowell to squeeze. Mix and pump 50 sx Class H, 2% CaCl₂, yield 1.18 cu. ft./sk. Density 15.6 #/gal. Displace 24 Bbls water and slow down to 25 Bbls displaced. Shut down and wait 5 minutes. Pump 1/2 Bbls. PSI 600. Shut down and wait 5 minutes. Pump 1/2 Bbl, PSI 600. Shut down and wait 20 minutes. Pump 1/2 Bbl, PSI 600. Shut down and wait 20 minutes. Pump 1/2 Bbl, PSI 600 PSI. Shut down and wait 25 minutes. Pump 1/4 Bbl, PSI 750. Wait 20 minutes. Pressure up to 1500 PSI. Shut casing in.

Total displacement 27-1/4 Bbls.

1/15/85 Tripped in hole with 2-3/8" tubing, casing scraper and 3-7/8" bit.

Tagged cement @ 1366' KB. Drilled out cement to 1800' KB. Cement was not to hole @ 1843'. Dowell pump truck malfunction or possible second hole. Set up Dowell to squeeze again. Rig up Dowell and mix and pump 50 sx Class H w/2% CaCl₂. Yield 1.18 cu. ft./sk. Density 15.6 #/gal. Displaced with 25 Bbls water and shut down. Held 100 Lbs. Wait 5 minutes and pump 1/2 Bbl, held 1000 PSI. Wait 10 minutes and pump 1/2 Bbl, held 1500 PSI. Total displacement 26 Bbls. Shut in and left overnight. (RD)

1/16/85 Trip in hole with 2-3/8" tubing, casing scraper and 3-7/8" bit.

Tagged cement @ 1550' KB. Drilled out cement to 1841' KB. Pressure tested casing to 1000 PSI. Held. Tripped tubing, bit and scraper out of hole.

Tripped in hole with retrieving head. Tagged bridge plug @ 4840'. Rolled hole with 10 Bbl gel plug. Loaded hole with lease oil. Caught bridge plug and released. Tripped tubing and bridge plug out of hole. Shut down overnight.

1/18/85 Well flowed 8 Bbls overnight. Well dead. Tripped 2-7/8" Buttress frac string and Model R packer out of hole. Rigged up Petro to log. Tagged sand @ 4844' KB. 114' of fill. Rigged down Petro. Tripped in with 2-3/8" tubing and circulated sand out. Cleaned out to 4958' KB. Tripped out of hole. Rigged up Petro and logged from 4958' KB to 4200' KB. Pulled out logging tool and set bridge plug @ 4870' KB. Perforated Gallup in 2 runs with 3-1/8" casing guns as follows:

4801 - 03, 2 holes; 4807 - 13, 4 holes; 4823 - 25, 2 holes; 4836 - 42, 4 holes, 4846 - 52, 4 holes. Total 16 holes. Shut down overnight. (RD)

1/19/85 Trip in hole with Baker straddle tools and 2-3/8" tubing. Spot 15% HCL. 1 gal/1000 Aquaflo @ 4860' KB. Breakdown Gallup perfs as follows:

Perfs	BPM	PSI	ISIP
4846 - 52, 4 holes	3.5	2600	communicated
4836 - 42, 4 holes	2.2	2500	1500
4823 - 25, 2 holes	2.0	2800	1200
4807 - 13, 4 holes	2.5	2400	1100
4800 - 02, 2 holes	1.0	3200	1300

Trip out straddle tools and tubing.

Rig up Western Co. to frac. Frac Gallup as follows: Gelled Oil

10,000 Gal.	Gel Pad
5,000 Gal.	1 #/gal. 20/40 sand
10,000 Gal.	2 #/gal. 20/40 sand
5,000 Gal.	3 #/gal. 20/40 sand
1,890 Gal.	Flush

Average treating pressure - 3300.

Maximum pressure 4100.

Average Injection rate - 15 BPM.

Total Sand - 40,000 Lbs.

ISIP 2500. Shut in pressure after 15 minutes - 1400 PSI.

Shut in 3 hours and opened to frac tank through 3/4" adjustable choke set on 32/64. Total load oil to recover - 758 Bbls.

1/20/85 Well flowing. Made 220 Bbls overnight after frac. (CCM)

1/21/85 Well flowing. Made 25 Bbls overnight. (CCM)

This AM: Well dead. Made 6 Bbls overnight. Pulling frac string.

1/22/85 Made 6 Bbls oil overnight. Tubing and casing dead. Trip out with Model R Packer, 2-7/8" Buttress - (frac string). Trip in 2-3/8" tubing and retrieving head. Clean out 25' sand on top of bridge. Caught bridge plug at 4870' KB. Trip out. Tripped back in with production string. Tag sand at 4918' KB. 40' sand fill. Trip out. Shut down overnight.

1/23/85 Trip in hole with tubing pumping string, had 40' of sand fill. Trip out of hole with pumping string. Trip in hole with tubing and saw tooth collar. Circulated out 40' of sand. Trip out of hole. Trip in hole with tubing pumping string and 160 joints of 2-3/8" EUE tubing. 4870.60' of tubing threads off. Seating nipple at 4881' KB. 4 perforated sub and 15' mud anchor. Ran 5/8" and 3/4" rod string with top hold down pump from Baldwin. Hung on pumping unit. Started unit and left well pumping to Navajo H tank battery. Released Spartan Well service and shut down overnight.

Oil shake out of frac tanks:

1st tank-280 Bbls oil with 0.2% BS&W. 2nd tank-393 Bbls gelled oil with 2.5% BS&W. 3rd tank-338 Bbls gelled oil with 4.0% BS&W. Caught samples out of the 2nd and 3rd tanks and took them to Western Company. They broke the gel in the samples and are to treat the oil Wednesday.

1/24/85 Unit down. No production. Rig moved off.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 12:18

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14-20-603-2198
2. Name of Operator Robert L. Bayless		6. If Indian, Allottee or Tribe Name Navajo Tribe
3a. Address P. O. Box 168 Farmington, New Mexico 87499	3b. Phone No. (include area code) (915) 685-0878	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1830' FNL & 810' FWL Sec. 14, T29N, R14W		8. Well Name and No. Navajo Tribal H #12
		9. API Well No. 30-045-08363
		10. Field and Pool, or Exploratory Area Totah Gallup
		11. County or Parish, State San Juan County, NM

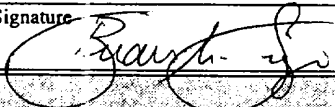
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See attached procedure.

RECEIVED
JUN 4 1998
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Brian M. Sirgo		Title Agent
Signature 		Date 5/14/98
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by A/ Duane W. Spencer	Title	Date JUN - 2 1998
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

Robert L. Bayless
Abandonment Procedure
Navajo H No. 12

1. Move in and rig up. Blow down well if neccessary. Rig up BOP.
2. Tally in hole with 2 3/8 tubing. Tag existing cement plug at 4969'.
3. Spot a 28 sx cement plup from 4565' to 4465' (50' above Gallup top).
4. Spot a 28 sx cement plug from 1785' to 1685' (50' above Mesa Verde top).
5. Spot a 28 sx cement plug from 800' to 700' (50' above PC top).
6. Set surface plug from 211' to surface in and out of 4 1/2 casing with 75 sx cement.
7. Nipple down. Cut off and install dry hole marker.