

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, 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-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

RECEIVED
OCT - 5 1994
OIL CON. DIV.
DIST. 3

APPLICANT FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE	
Operator Name and Address. Merrion Oil & Gas Corp. P. O. Box 840 Farmington, New Mexico 87499	
Property Code 15821	Property Name North Hospah 18
OGRID Number 014634	
API Number 30-031-26981	
Well No. 1	

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
A	18	18N	8W		550	north	625	east	McKinley

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 North Hospah, N North Hospah Dakota (054)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 6858
Multiple N	Proposed Depth 3250'	Formation Dakota	Contractor Not chosen	Spud Date Oct. 20, 1994

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	200' ±	150 sxs	Surface
7-7/8"	4-1/2"	10.5#	3250' ±	550 sxs	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Propose to drill 12-1/4" hole to 200' ±. Set 200'± of 8-5/8", 24# surface casing with 150 sx Class 'B' with 2% CaCl₂. Pressure test prior to drill out. Drill 7-7/8" hole to 3250'. A mud logger will be used and two drill stem tests are possible on the Hospah and Dakota sands. Will run open hole surveys and, if appears productive. Will run 3250'± of 4-1/2", 10.5# production casing and cement with 400 sx Class 'B' Econofil followed by 150 sx Class 'B' with 2% gel. BOPs will be a 10" - 2000 psi bag type preventer with blow line.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Steven S. Dunn

Title:

Operations Manager

Date:

10/04/94

Phone:

(505) 327-9801

OIL CONSERVATION DIVISION

Approved by:

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date:

OCT - 5 1994

Expiration Date:

OCT - 5 1995

Conditions of Approval:

Attached ☐

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

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|----------|--|----|--|
| 1 | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office. | 18 | Geologic formation at TD |
| 2 | Operator's name and address | 19 | Name of the intended drilling company if known. |
| 3 | API number of this well. If this is a new drill the OCD will assign the number and fill this in. | 20 | Anticipated spud date. |
| 4 | Property code. If this is a new property the OCD will assign the number and fill it in. | 21 | Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement |
| 5 | Property name that used to be called 'well name' | 22 | Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary. |
| 6 | The number of this well on the property. | 23 | The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report. |
| 7 | The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter. | | |
| 8 | The proposed bottom hole location of this well at TD | | |
| 9 and 10 | The proposed pool(s) to which this well is being drilled. | | |
| 11 | Work type code from the following table:
N New well
E Re-entry
D Drill deeper
P Plugback
A Add a zone | | |
| 12 | Well type code from the following table:
C Single oil completion
G Single gas completion
M Multiple completion
I Injection well
S SWD well
W Water supply well
C Carbon dioxide well | | |
| 13 | Cable or rotary drilling code
C Propose to cable tool drill
R Propose to rotary drill | | |
| 14 | Lease type code from the following table:
F Federal
S State
P Private
N Navajo
J Jicarilla
U Ute
I Other Indian tribe | | |
| 15 | Ground level elevation above sea level | | |
| 16 | Intend to mutiple complete? Yes or No | | |
| 17 | Proposed total depth of this well | | |

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Energy, Minerals & Natural Resources Department

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Revised February 21, 1994
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State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-031-20981	² Pool Code 96309	³ Pool Name North Hospah Dakota (OFL)
⁴ Property Code 15821	⁵ Property Name NORTH HOSPAH NO. # 18	⁶ Well Number # 1
⁷ OGRID No. 014634	⁸ Operator Name MERRION OIL & GAS CORPORATION	⁹ Elevation 6858'

¹⁰ Surface Location


UL or lot no. A	Section 18	Township 18N	Range 8W	Lot Idn	Feet from the 550	North/South line NORTH	Feet from the 625	East/West line EAST	County MCKINLEY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div data-bbox="349 1287 706 1542"><p>RECEIVED OCT - 5 1994 OIL CON. DIV. DIST. 3</p></div>	<div data-bbox="820 1032 1063 1287"><p>550 625</p></div>		<div data-bbox="1079 1032 1550 1138"><p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p></div>
			<div data-bbox="1079 1138 1550 1521"><p> Signature Steven S. Dunn Printed Name Operations Manager Title 10/04/94 Date</p></div>
			<div data-bbox="1079 1521 1550 2010"><p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief</p><div data-bbox="1161 1649 1485 1947"><p>DAVID G. HADDLESTON NEW MEXICO REGISTERED LAND SURVEYOR 6844</p></div><p>Date of Survey Signature and Seal of Professional Surveyor Certificate Number 6844</p></div>