

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

Operator Name and Address. Merrion Oil & Gas Corp. 610 Reilly Avenue Farmington, NM 87401-2634		OGRID Number 014634
Property Code 20851	Property Name HAVASU	API Number 30-045-29458
DIST. 3		Well No. 1

RECEIVED
MAY - 9 1997
OIL CON. DIV

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
P	22	32N	13W	SESE	790	south	790	east	San Juan

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
71629									
Basin Fruitland COAL					5/320				
Proposed Pool 1					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 5924'
Multiple No	Proposed Depth 1230'	Formation Fruitland Coal	Contractor Not chosen	Spud Date June, 1997

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#	120'	84	Surface
7-7/8"	5-1/2"	15.5#	1230'	165	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.
Merrion proposes to drill 12-1/4" hole with native mud to 120' and set 8-5/8" surface casing cementing to surface with 84 sxs Class 'B' with 2% CaCl2 (99 cu.ft.). Will drill 7-7/8" hole to TD @ 1230' with mud. Run open hole surveys. Will set 5-1/2", 15.5#, J-55 production casing to 1230', cementing from top of Main Fruitland Coal at est. 1130' back to surface with 24 sxs (29 cu.ft.) lead 'B' cement followed by 90 sxs (185 cu.ft.) 'B', with 2% SMS followed by 51 sxs (62 cu.ft.), tail 'B' cement. Will test Main Fruitland Coal thru perfs 1130'-72'. Will fracture stimulate and put on beam pump for production test. Drilling operations below surface will be conducted with BOP in place, min. working press 1000 psi. (Note: Cmt volumes for prod csg will be adjusted based on Caliper log.)

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

Signature: 

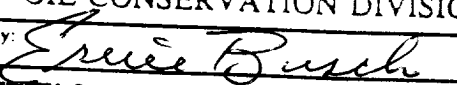
Printed name:
Steven S. Dunn

Title:
Drilg & Prod Manager

Date:
5/7/97

Phone:
(505) 327-9801

OIL CONSERVATION DIVISION

Approved by:  5-12-97
Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3
Approval Date: MAY 12 1997 Expiration Date: MAY 12 1998

Conditions of Approval:

Attached ☐

12-10799
Hole C-108 For 2054

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.

1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.

2 Operator's name and address

3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.

4 Property code. If this is a new property the OCD will assign the number and fill it in.

5 Property name that used to be called 'well name'

6 The number of this well on the property.

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:

O	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 multiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

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

22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.

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.

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-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29458	² Pool Code 71629	³ Pool Name Basin Fruitland C 019 L
⁴ Property Code 20851	⁵ Property Name HAVASU	⁶ Well Number # 1
⁷ OGRID No. 014634	⁸ Operator Name MERRION OIL & GAS	⁹ Elevation 5924'

¹⁰ Surface Location

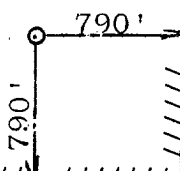
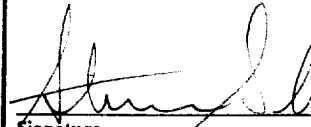
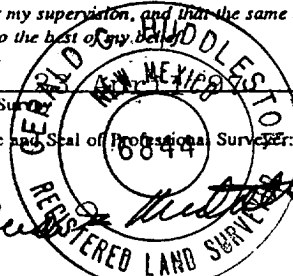

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	32 N	13 W	SESE	790	South	790	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

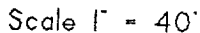
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 5/320	¹³ Joint or Infill N	¹⁴ Consolidation Code P	¹⁵ Order No. 19-10799 Applied for NSL (Hearing held 5/1/97)
--	------------------------------------	---------------------------------------	--

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

16		RECEIVED MAY - 9 1997 OIL CON. DIV. DIST. 3	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature:  Printed Name: Steven S. Dunn Title: Drlg & Prod Manager Date: 5/7/97
			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 belief. Date of Survey:  Signature and Seal of Professional Surveyor:  Certificate Number: 6844

well pad and section



cut

iii



Access

C 4'

F 2

5924 grd.

C 2

40.

100

reserve pit	C	O
-------------	---	---

15'

F 2

