



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

JERRY APODACA  
GOVERNOR

NICK FRANKLIN  
SECRETARY

June 19, 1978

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

J. Gregory Merrion  
P. O. Box 507  
Farmington, New Mexico 87401

Administrative Order NSL-961

Gentlemen:

Reference is made to your application for a non-standard location for your Hi Roll Well No. 2 located 2000 feet from the South line and 1850 feet from the West line of Section 35, Township 27 North, Range 13 West, NMPM, Nipp-Pictured Cliffs Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY,  
Division Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
U. S. Geological Survey - Farmington

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

1. Type of Well  
Oil ☐ Gas ☒  
Well ☐ Well ☒ Other ☐

2. Name of Operator

Merrion Oil &amp; Gas Corporation (14634)

3. Address and Telephone No.

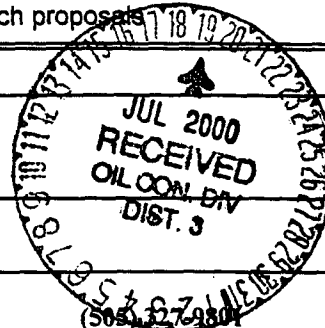
610 Reilly Avenue, Farmington, NM 87401-2634

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

2000' fsl &amp; 1850' fwl (ne sw)

Section 3, T24N, R6W

35-27N-13W



5. Lease Designation and Serial No.

NM-33047

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hi Roll No. 2

9. API Well No.

30-045-23033

10. Field and Pool, or Exploratory Area

WAW Fruitland/PC

11. County or Parish, State

San Juan County,  
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 \_\_\_\_\_☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on 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.)\*

Merrion Oil &amp; Gas proposes to plug and abandon the subject wellbore. A detailed procedure will follow.

200 JUL 12 PM 12:27  
OIL CON. DIV.

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

Signed

Connie S. Dinning

Title

Engineer

Date

7/10/00

(This space for Federal or State office use)

Approved By

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTRECEIVED  
BLMFORM 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

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Merrion Oil &amp; Gas Corporation (14634)

## 3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

(505) 327-9801

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

2000' fsl & 1850' fwl (ne sw)  
Section 35, T27N, R13W

## 5. Lease Designation and Serial No.

NM-33047

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

HI ROLL No. 2

## 9. API Well No.

30-045-23033

## 10. Field and Pool, or Exploratory Area

WAW Fruitland Sand P.C.

## 11. County or Parish, State

San Juan County,  
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 Frac Report☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water(Note: Report results of multiple completion on  
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.)

4/10/98 MIRU JC Well Service. Pull 38 joints of 1", IJ, 1.72#, J-55, 10rd tubing- out on Dash float for later use.  
Ran slick line to check for fill, PBTB @ 1315', BP 1270', fill to 1292' GL. SD for holiday and weekend.4/14/98 RU Petro WL. Perforated additional Pictured Cliffs intervals from 1234'-1248' with bi-wire, 2-1/8" charges - 4 SPF.  
Gun stuck in hole. Wireline broke 1' above rope socket. RD WL. RU JC Well Service pole rig. TIH with  
overshot on 1" tubing. Pushed fish to bottom, latched onto fish. TOH with collar locator rope socket,  
bi-wire still in hole. Release rig. SDON.

\*\*\* CONTINUED OTHER SIDE \*\*\*

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

Signed

Steven S. Dunn

Title Drlg &amp; Prod Manager

Date 4/23/98

(This space for Federal or State office use)

Approved By

Title

Date

MAY 1998

Conditions of approval, if any:

FARMINGTON DISTRICT OFFICE

**4/15/98** RU Dowell. Conduct step-down test using 25# linear gel. Inject at 24.0 BPM. Pressure up to 2050 psi. Steadily broke back to 1330 psi. Test results:

<u>Q (BPM)</u>	<u>Press</u>
24.0	1330
18.7	990
10.7	560
0	0

Calculated perf friction pressure = 360 psi (22 out of 100 perfs open). Tortuosity = 390 psi. Leak off = .04 (perm = 26 md). Use BH frac press = 550 psi (.44 psi/ft) + 390 psi = 910 psi to calculate N<sub>2</sub> rates for job. Used 330 scf/bbl N<sub>2</sub>.

Frac well as follows with 70Q N<sub>2</sub> foam:

<u>BH</u> <u>Sand</u> <u>Conc</u>	<u>Stage</u> <u>Slurry</u> <u>Vol. Bbls</u>	<u>Slurry</u> <u>Rate</u> <u>BPM</u>	<u>BH</u> <u>Rate</u> <u>BPM</u>	<u>Surf</u> <u>Press</u>	<u>Comments</u>
Pad	71.5	9.0	30.7	1450	Put in 1/2# slug
1#	1.3	11.0	30.6	1370	AZ
2#	44.8	11.1	30.1	1440	AZ
3#	45.6	12.6	29.9	1530	AZ
4#	51.1	13.7	29.9	1610	AZ
5#	31.2	15.0	30.2	1690	AZ
5#	16.6	15.1	30.2	1684	Resin coated
Flush	4.0	15.1	30.2	1484	
ISIP	0	0		940	

SI Well 45 mins to RD Dowell. Pumped total of 46,800 Arizona and 12,300 resin coated 20/40 sand. Blowback well on 1/4" choke. Blew foam 1.0 hr and died. WO rig to Clean

**4/16/98** RIH w/ slickline, tag fill @ 102' above top perf. WO rig.

**4/21/98** MOL and RU JC Well Service 4/21/98. Spot pump and pit. Found well dead. PU 2-1/4" bit, bit sub and RIH on 1-1/4" EUE tubing. Tagged up on sand fill at 1132' GL. PU power swivel and break circulation. CO sand with good returns. CO to 1253' before losing all returns to formation. LD power swivel and TOH with tubing and bit. PU bailer and prep to RIH. Note: Circulated out 20/40 sand containing very little resin coated sand.

**4/22/98** Found well dead. RIH with bailer and tag sand at 1249'. CO with bailer to approx. 1251'. Unable to work down any further. Attempted to rotate bailer and adjust pump rate with no success. Called for nitrogen. TOH and LD bailer. RIH with notched collar on bottom of 1-1/4" EUE tubing. RU Halliburton and est. circulation with 1000 scf of nitrogen. CO to 1266', unable to work past 1266'. Cut nitrogen and PU power swivel. CO approx. 4' to 1270', quit making progress and pipe started to torque up. Started making metal (looks like aluminum chunks) in returns. Cut nitrogen and RD Halliburton. LD power swivel and TOH. Install 2-7/8" ball valve on top of casing and shut well in. RD JC Well Service.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT--" for such proposals.

SUBMIT IN TRIPLICATE

## 1. Type of Well

Oil ☐ Well Gas ☒ Well ☐ Other

## 2. Name of Operator

Merrion Oil &amp; Gas Corporation

## 3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

(505) 327-9801

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

2000' fsl &amp; 1850' fwl (ne sw)

Section 35, T27N, R13W

## 5. Lease Designation and Serial No.

NM-33047

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

Hi Roll #2

## 9. API Well No.

30-045-23033

## 10. Field and Pool, or Exploratory Area

WAW Fruitland, PC

## 11. County or Parish, State

San Juan County,  
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 Routine Fracturing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water(Note: Report results of multiple completion on  
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.)\*

Merrion Oil &amp; Gas proposes to fracture the Pictured Cliffs in the subject wellbore according to the attached procedure.

RECEIVED  
MAR 30 1993  
OIL CON. DIV.  
DIST. 3

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

Signed

CSD

Connie S. Dinning

Title

Contract Engineer

Date

3/2/98

(This space for Federal or State office use)

Approved By

AS/ Duane W. Spencer

Title

Date

MAR 26 1998

Conditions of approval, if any:

# Merrion Oil & Gas Corporation

## Stimulation Procedure

February 17, 1998

<b>Well:</b>	<b>Hi Roll No. 2</b>	<b>Field:</b>	WAW Fr-PC
<b>Location:</b>	2000' fsl & 1850' fwl (ne sw) Sec 35, T27N, R13W, NMPM San Juan County, New Mexico	<b>Elevation:</b>	6039' RKB 6034' GL
		<b>By:</b>	Connie Dinning

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### **Procedure:**

#### ***Prior to Move-in***

1. Check wellhead configuration and complete detail sketch of equipment.
2. Dig small workover pit (10' X 10' X 6") to blow into while cleaning up.

#### ***Fracture Pictured Cliffs***

1. Move in, rig up JC Well Service pulling unit.
2. Lay casing vent line down wind. Stake down for use in clean out.
3. Open well to atmosphere and blow down. (see diagram next page)
4. Rig up BOPs & stripping head.
5. Unset 1" IJ tubing. Pick up additional 1" tubing, tag fill.
6. Tally out of hole.
7. RIH and clean out w/ bailer if fill is tagged above the perms (bottom perf @ 1,270').
8. POH w/ tubing.
9. Perforate additional PC interval 1,234' - 1,248', 4 spf, referenced to open hole induction log dated 5/20/78.
10. RD wireline company.
11. ND BOP & Companion Flange. RDMOL w/ JC Well Service.
12. Install master valve on 2-7/8" casing.
13. MIRU Stimulation Company.
14. RU flow back line with 1/2" positive choke.
15. Pump frac as detailed on attached procedure down 2-7/8".
16. RD stimulation equipment.
17. Open well to pit as soon as possible. Let flow back to clean up.
18. RIH w/ slickline to check for fill.
19. MIRU JC Well Service, re-run tubing and CO if necessary. Flange up wellhead.
20. RDMO

#### ***Surface Modifications***

1. Install meter run and tie to EPFS.
2. Install 2 phase heated separator.
3. Install rental compressor.
4. Return well to production.

Merrion Oil & Gas Corporation  
Wellbore Schematic

Hi Roll No. 2

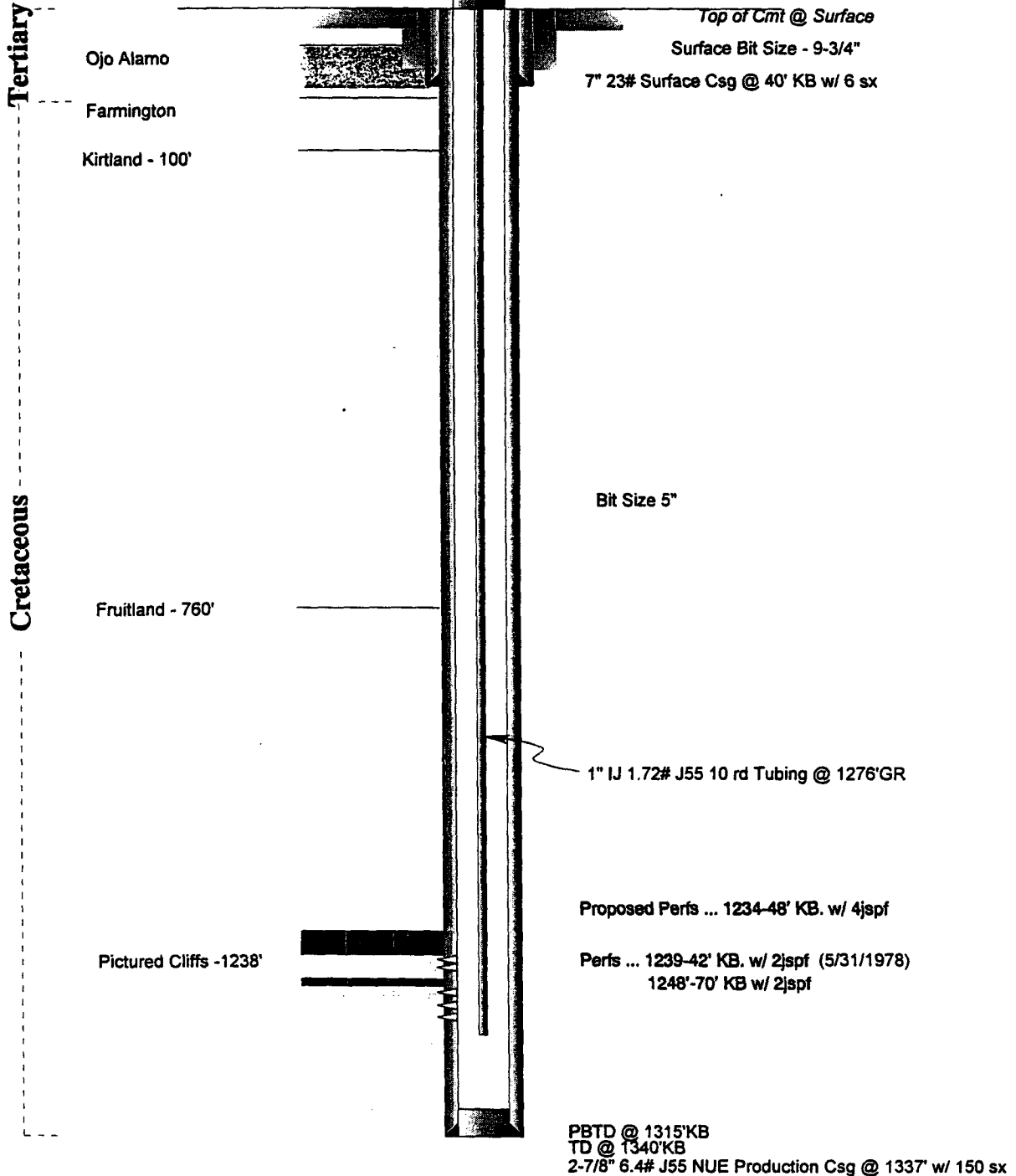
Current Wellbore Configuration

Location: 2000' fsl & 1850' fwl (ne sw)  
Sec 35, T27N, R13W, NMPM  
San Juan County, New Mexico

Date: Oct 4, 1996

Elevation: 6034' GL  
6039' RKB

Prepared by: Steven S. Dunn



# Merrion Oil & Gas Corporation

## Wellbore Schematic

Hi Roll No. 2

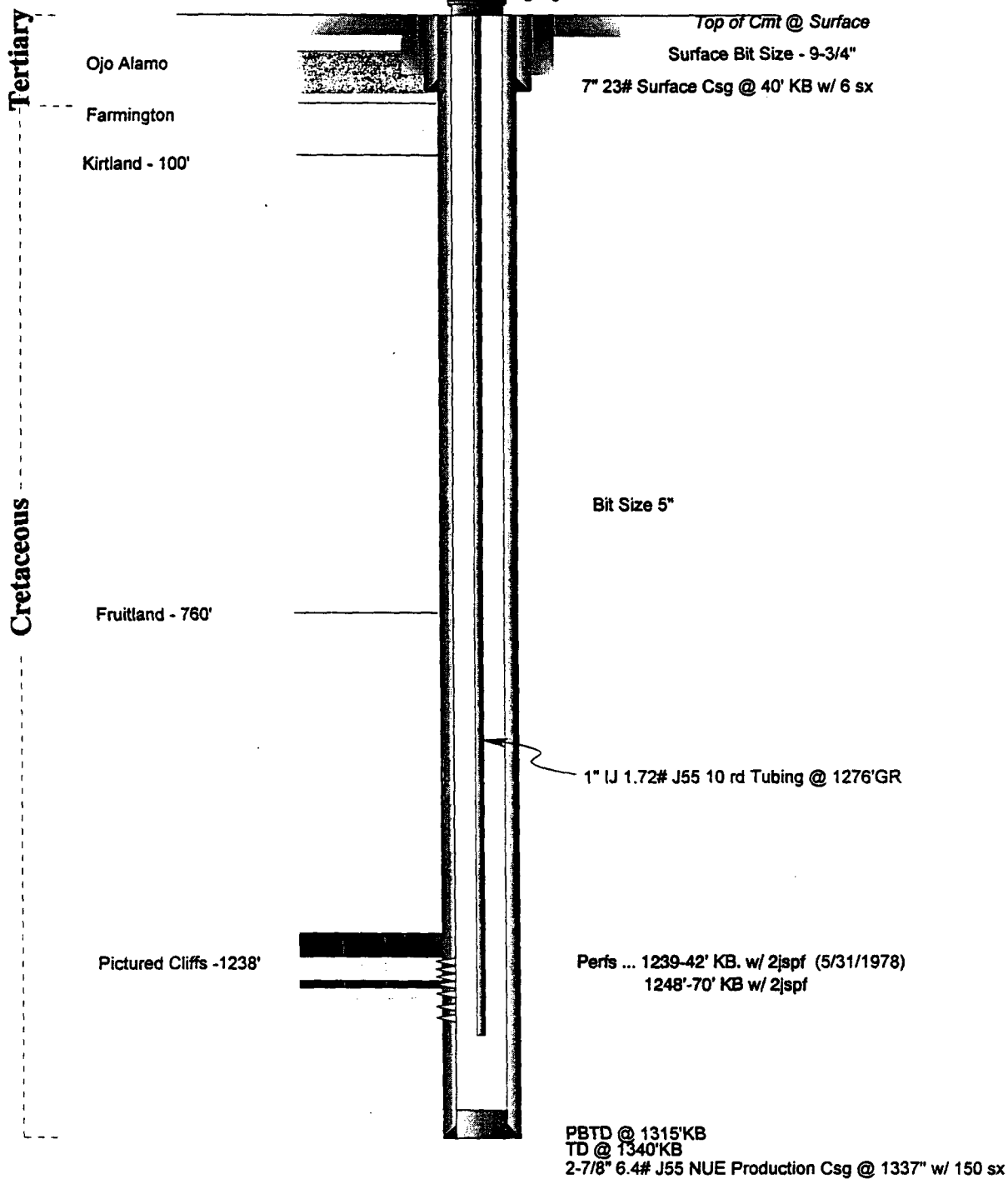
Proposed Wellbore Configuration

Location: 2000' fsl & 1850' fwl (ne sw)  
Sec 35, T27N, R13W, NMPM  
San Juan County, New Mexico

Date: February 5, 1998

Elevation: 6034' GL  
6039' RKB

Prepared by: Connie S. Dinning



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 33047

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hi Roll No. 2

9. API Well No.

30-045-23033

10. Field and Pool, or Exploratory Area

WAW PC-Fr

11. County or Parish, State

San Juan County, New  
Mexico

## 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

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Merrion Oil &amp; Gas Corporation

## 3. Address and Telephone No.

610 Reilly Ave Farmington NM 87401  
ph: (505) 327-9801

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

2000' fsl & 1850' fwl (ne sw)  
Sec 35, T27N, R13W, NMPM

## 12. CHECK APPROPRIATE BOX(s) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Re-perf &amp; Acidize</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

Merrion Oil & Gas requests approval to re-perforate the Pictured Cliffs interval over the existing perforations (1239'-42', & 1248'-70') with 2 jsfp and to acidize the perfs with 15% HCL. The well will then be back flowed to clean up and returned to production. A wellbore schematic is attached.

RECEIVED  
OCT 1 8 1996  
OIL CON. DIV.  
DIST 3RECEIVED  
BLM  
OCT 1 8 PM 1:10  
OIL CON. DIV.

COPIES: BLM+4, LAND+1, ACTG+1, WELL FILE+1

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

Signed

Steven S. Dunn

Title Operations Manager

Date October 7, 1996

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

OCT 1 1 1996

DISTRICT MANAGER

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.

NMOC

# Merrion Oil & Gas Corporation

## Wellbore Schematic

Hi Roll No. 2

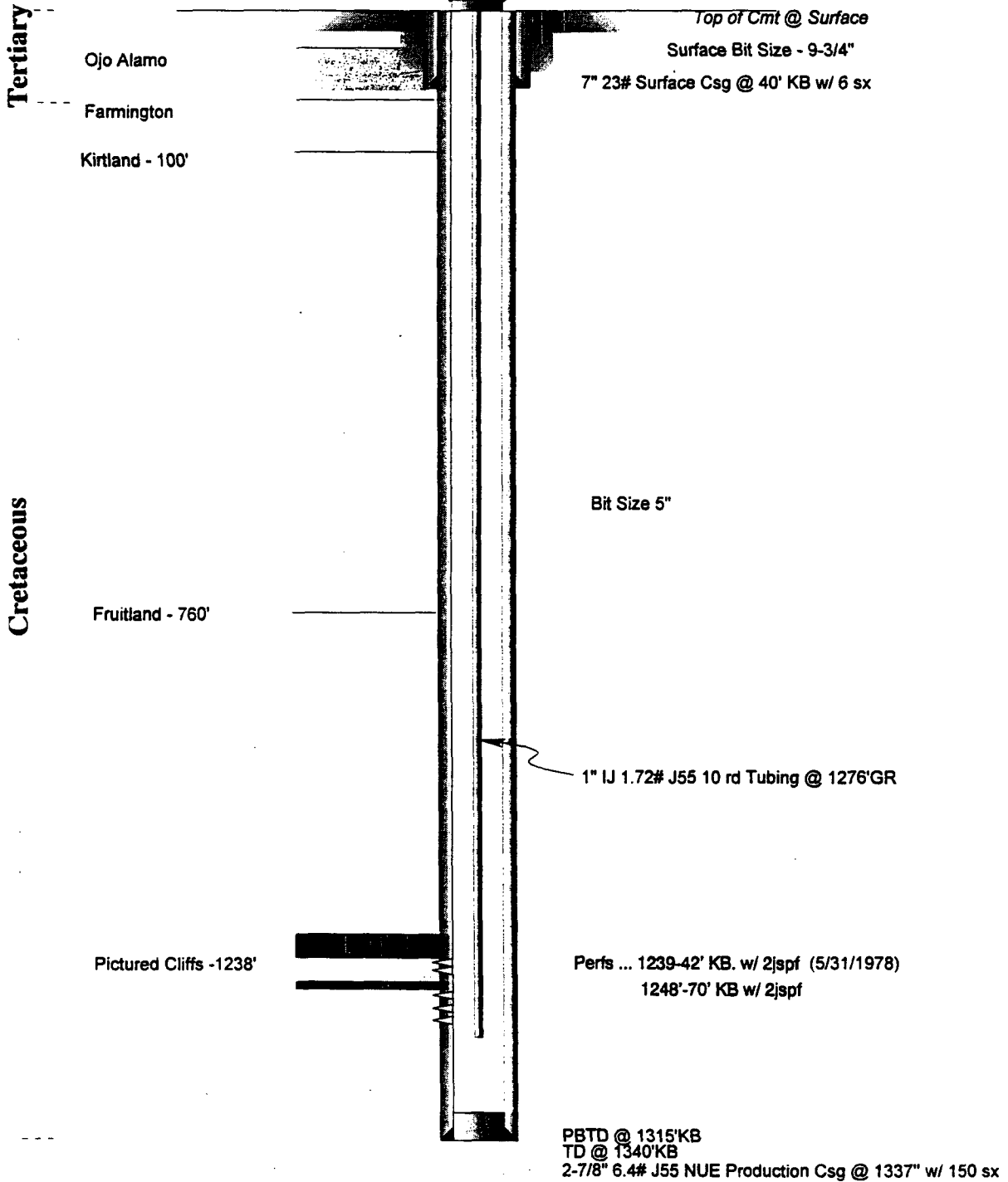
Current Wellbore Configuration

Location: 2000' fsl & 1850' fwl (ne sw)  
Sec 35, T27N, R13W, NMPM  
San Juan County, New Mexico

Date: Oct 4, 1996

Elevation: 6034' GL  
6039' RKB

Prepared by: Steven S. Dunn



All distances must be from the outer boundaries of the Section.

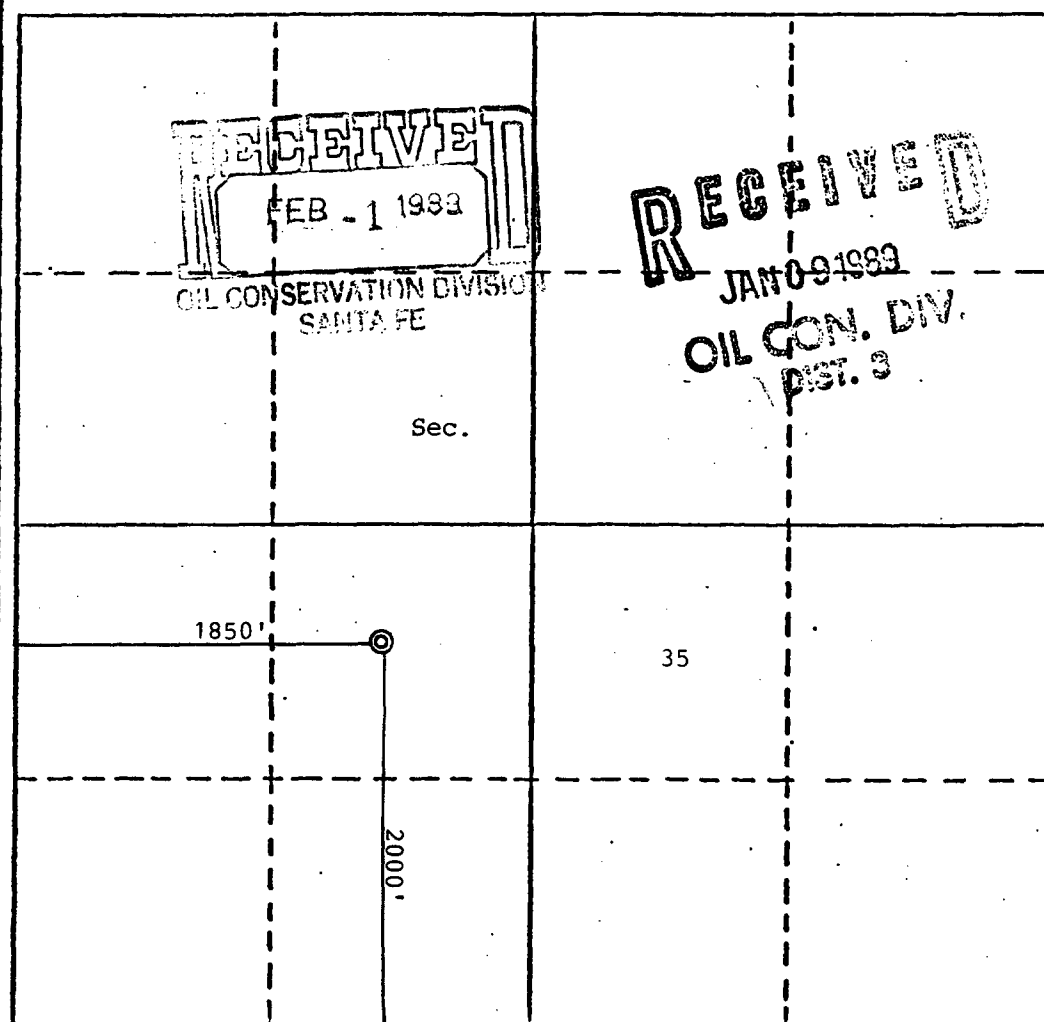
Operator <b>MERRION OIL &amp; GAS CORP.</b>			Lease <b>Hi Roll</b>		Well No. <b>2</b>
Unit Letter <b>K</b>	Section <b>35</b>	Township <b>27N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>2000</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6034' GL</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>WAW Fruitland Pictured Cliffs Sand</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



**CERTIFICATION**

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

Name: Steven S. Dunn  
Position: \_\_\_\_\_

Operations Manager  
Company: **MERRION OIL & GAS CORP.**

Date: **12/29/88**

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.

Date Surveyed \_\_\_\_\_

Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

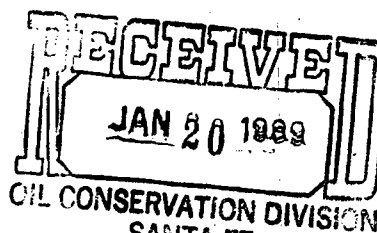
Certificate No. \_\_\_\_\_

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

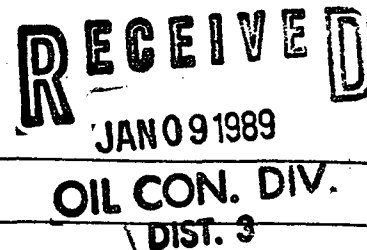
NO. OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501



Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS



I. Operator  
MERRION OIL & GAS CORP.

Address  
P. O. Box 840, Farmington, N.M. 87499

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain)  
New Pool

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hi Roll	Well No. 2	Pool Name, including Formation WAW Fruitland Pictured Cliffs Sand	Kind of Lease State, Federal or Fee Federal	Lease No. NM33047
Location Unit Letter K, 2000 Feet From The South Line and 1850 Feet From The West Line of Section 35 Township 27N Range 13W, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

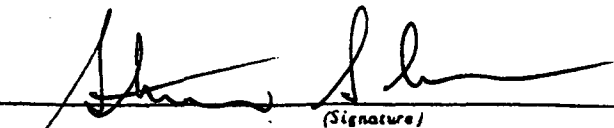
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.	P. O. Box 990, Farmington, N.M. 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
	Yes 6/17/80

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

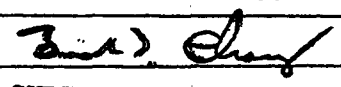
VI. CERTIFICATE OF COMPLIANCE

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

  
Operations Manager  
(Title)  
1/4/89  
(Date)

OIL CONSERVATION DIVISION

JAN 09 1989

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY   
TITLE SUPERVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

NO. OF COPIES FILED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104  
Effective 1-1-65

Operator

MERRION OIL & GAS CORPORATION

Address

P.O. Box 1017 Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)

New Well ☐

Recompletion ☐

Change in Ownership ☐

Change in Transporter of:

Oil ☐

Casinghead Gas ☐

Dry Gas ☐

Condensate ☐

Other (Please explain)

Change of operator

If change of operator

and address of previous owner J. Gregory Merrion & Robert L. Bayless P.O. Box 507, Farmington, NM 87401

I. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease
Hi Roll	2	WAW Fruitland/Pic. Cliffs	State, Federal or Fee Federal	NM330
Location				
Unit Letter K	2000	Feet From The South	Line and 1850	Feet From The West
Line of Section 35	Township 27N	Range 13W	NMPM,	San Juan

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
El Paso Natural Gas Company	P.O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected?	When
	yes	06-17-80

If this production is commingled with that from any other lease or pool, give commingling order number:

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

VI. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top able for this depth or be for full 24 hours)

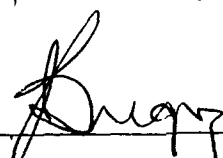
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VII. CERTIFICATE OF COMPLIANCE

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

  
(Signature)

J. GREGORY MERRION, PRESIDENT

(Title)

November 16, 1981

(Date)

OIL CONSERVATION COMMISSION

APPROVED

BY

TITLE

FOR SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the dev tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of cond

EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

## CORRECTED COPY

NOTICE OF GAS CONNECTION

DATE June 25, 1980

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Merrion & Bayless  
OperatorHigh Roll #2  
Well Name93-106-01      25712-01  
Meter Code      Site CodeK      35-27-13  
Well Unit      S-T-RWAW Fruitland Pictured Cliff  
PoolEl Paso Natural Gas Company  
Name of PurchaserWAS MADE ON June 17, 1980,  
DateFIRST DELIVERY June 17, 1980  
DateAOF -CHOKE -El Paso Natural Gas Company

Purchaser

Original signed by W.M. Rogers

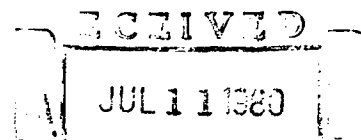
Representative

Chief Dispatcher

Title

cc: Operator **Farmington**  
Oil Conservation Commission - 2  
Proration - El Paso

File

OIL CONSERVATION DIVISION  
SANTA FE

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LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-11  
Effective 1-1-65

Operator J. Gregory Merrion & Robert L. Bayless	
Address P.O. Box 507, Farmington, NM 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hi Roll	Well No. 2	Pool Name, including Formation WAW Fruitland/Pic. Cliffs	Kind of Lease State, Federal or Fee Federal	Lease No. NM-33047
Location Unit Letter K ; 2000 Feet From The South Line and 1850 Feet From The West				
Line of Section 35 Township 27N Range 13W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Co.	P.O. Box 990, Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					yes	06-29-78

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING SIZE		TUBING SIZE		DEPTH SET	SACKS CEMENT		
OIL CONSERVATION DIVISION SANTA FE								

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

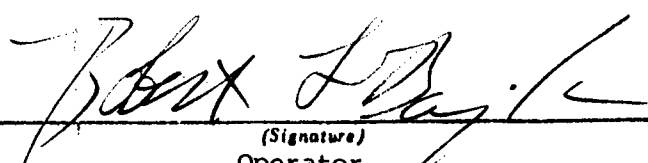
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

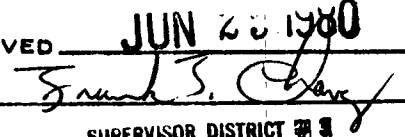
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

  
(Signature)  
Operator  
(Title)  
06-24-80  
(Date)

OIL CONSERVATION COMMISSION

APPROVED  JUN 20 1980, 19  
BY  
TITLE SUPERVISOR DISTRICT #3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE June 25, 1980

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Merrion & Bayless

Operator

High Roll #2-~~AJ~~

Well Name

93-106-01

Meter Code

25712-01

Site Code

K

Well Unit

35-27-13

S-T-R

WAW Fruitland Pictured Cliff

Pool

El Paso Natural Gas Company

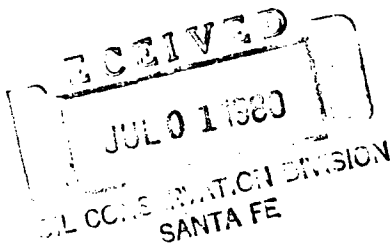
Name of Purchaser

WAS MADE ON June 17, 1980,

Date

FIRST DELIVERY June 17, 1980

Date

AOF -CHOKE -El Paso Natural Gas Company

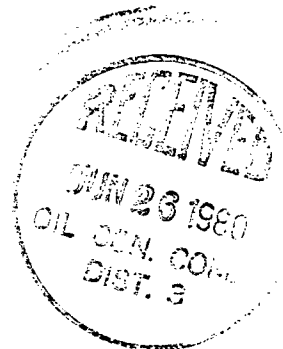
Purchaser

  
Representative
Chief Dispatcher

Title

cc: Operator Farmington  
Oil Conservation Commission - 2  
Proration - El Paso

File



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other
2. NAME OF OPERATOR  
J. Gregory Merrion & Robert L. Bayless
3. ADDRESS OF OPERATOR  
P. O. Box 1541, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2000 FSL & 1850 FWL  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) run siphon string

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☒

RECEIVED

APR 14 1980

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

4-04-80 Rig up swabbing unit. Run siphon string to 1280'. Rig up to sell gas.

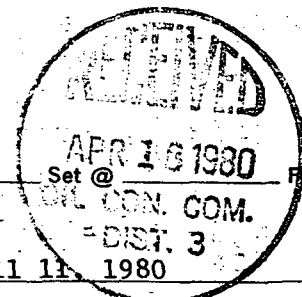
Subsurface Safety Valve: Manu. and Type

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

SIGNED J. W. Bayless TITLE Operator DATE April 11, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



ACCEPTED FOR RECORD

APR 17 1980

\*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT  
BY [Signature]

ROBERT L. BAYLESS

PETROLEUM CENTER BUILDING

P. O. BOX 1541

FARMINGTON, NEW MEXICO 87401

(505) 325-5093

July 18, 1978

New Mexico Oil Conservation Commission  
1000 Rio Brazos  
Aztec, NM 87410

RE: Pipeline Connection  
Hi Roll #1, #2, #4  
Section 35, T27N, R13W  
San Juan County, NM  
NIPP/WAW Pool

Gentlemen:


Please accept this as notice that the above mentioned wells were first connected and delivered into the Merrion & Bayless gathering system on June 29, 1978. This gathering system delivers into El Paso Natural Gas Company through a master meter.

Please advise if you have other requirements.

Yours truly,

MERRION & BAYLESS

By

  
ROBERT L. BAYLESS

RLB/eh



## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

<b>1. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		<b>7. UNIT AGREEMENT NAME</b> 	
<b>2. TYPE OF COMPLETION:</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		<b>8. FARM OR LEASE NAME</b> Hi Roll	
<b>3. NAME OF OPERATOR</b> J. Gregory Merrion and Robert L. Bayless		<b>9. WELL NO.</b> 2	
<b>4. ADDRESS OF OPERATOR</b> P.O. Box 1541, Farmington, NM 87401		<b>10. FIELD AND POOL, OR WILDCAT</b> WAW Fruitland Pic. Cliff	
<b>5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</b> At surface 2000 FSL and 1850 FWL At top prod. interval reported below same At total depth same		<b>11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA</b> Sec. 35, T27N, R13W	
<b>14. PERMIT NO.</b> 		<b>DATE ISSUED</b> 	
<b>15. DATE SPUDDED</b> 5/24/78		<b>16. DATE T.D. REACHED</b> 5/26/78	
<b>17. DATE COMPL. (Ready to prod.)</b> 5/31/78		<b>18. ELEVATIONS (DF, RES, RT, GR, ETC.)*</b> 6034 ft. GL	
<b>19. ELEV. CASINGHEAD</b> 		<b>20. TOTAL DEPTH, MD &amp; TVD</b> 1340 ft.	
<b>21. PLUG, BACK T.D., MD &amp; TVD</b> 1315 ft.		<b>22. IF MULTIPLE COMPL. HOW MANY*</b> 	
<b>23. INTERVALS DRILLED BY</b> 		<b>ROTARY TOOLS</b> 0-TD	
<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*</b> 1238 ft. - Picture Cliff		<b>25. WAS DIRECTIONAL SURVEY MADE</b> no	
<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> IES Induction, Comp. Density		<b>27. WAS WELL CORED</b> no	
<b>28. CASING RECORD (Report all strings set in well)</b>			
<b>CASING SIZE</b>	<b>WEIGHT, LB./FT.</b>	<b>DEPTH SET (MD)</b>	<b>HOLE SIZE</b>
7"	23 lb./ft.	40 ft.	9-3/4"
2-7/8"	6.4 lb./ft.	1337 ft.	5"
<b>CEMENTING RECORD</b>		<b>AMOUNT PULLED</b>	
6 sacks			
150 sacks			
<b>29. LINER RECORD</b>			
<b>SIZE</b>	<b>TOP (MD)</b>	<b>BOTTOM (MD)</b>	<b>SACKS CEMENT*</b>
<b>30. TUBING RECORD</b>		<b>PACKER SET (MD)</b>	
<b>SIZE</b>	<b>DEPTH SET (MD)</b>		
<b>31. PERFORATION RECORD (Interval, size and number)</b>			
1239'-42'	.430"	2 PF	
1248'-70'	.430"	2 PF	
<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>		<b>DEPTH INTERVAL (MD)</b>	
<b>33. PRODUCTION</b>			
<b>DATE FIRST PRODUCTION</b> 5/31/78	<b>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</b> Flowing		<b>WELL STATUS (Producing or shut-in)</b> Shut in
<b>DATE OF TEST</b> 5/31/78	<b>HOURS TESTED</b> 1/2	<b>CHOKE SIZE</b> 1-1/4"	<b>PROD'N. FOR TEST PERIOD</b> 
<b>FLOW. TUBING PRESS.</b>	<b>CASING PRESSURE</b> 18.5 PSIG	<b>CALCULATED 24-HOUR RATE</b> 	<b>OIL—BBL.</b> 
			<b>GAS—MCF.</b> 1080 MCF/day
			<b>WATER—BBL.</b> Trc. fresh
			<b>OIL GRAVITY-API (CORR.)</b> 
<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b> vented			<b>TEST WITNESSED BY</b> Steven S. Dunn
<b>35. LIST OF ATTACHMENTS</b> 			
<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>			
<b>SIGNED</b> Steven S. Dunn		<b>TITLE</b> Engineer	<b>DATE</b> 06-02-78

**\* (See Instructions and Spaces for Additional Data on Reverse Side)**

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 83. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COINED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Ojo Alamo	Under Surface	100 ft.	Fresh Water	Kirtland	100 ft.
Pic. Cliff	1238'	unknown	Gas	Fruitland	760 ft.
				Pic. Cliff	1238 ft.

39. WELL COMPLETION OR RECOMPLETION RECORD

40. GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

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	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C  
Effective 1-1-65

I. Operator

Merrion & Bayless

Address

Box 507, Farmington, NM 87401

Reason(s) for filing (Check proper box)

New Well



Change in Transporter of:

Recompletion



Oil



Dry Gas



Change in Ownership



Casinghead Gas



Condensate



Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Hi Roll	2	WAW Picture Cliff	State, Federal or Fee State	NM 3304
Location				
Unit Letter	K	2000	Feet From The	South
Line and	1850	Feet From The	West	
Line of Section	35	Township	27N	Range
			13W	NMPM, San Juan
County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil	or Condensate	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas	or Dry Gas	Address (Give address to which approved copy of this form is to be sent)
J. Gregory Merrion & Robert L. Bayless		
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
Is gas actually connected?	When	
No	As soon as possible	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
5/24/78	5/31/78	1340 ft.	1315 ft.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
6034 ft. G.L.	Picture Cliff	1238 ft.	NA					
Perforations	Depth Casing Shoe							
1239'-42', 1248'-70'								
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
9-3/4"	7"	40 ft.	6 SX					
5"	2-7/8"	1337 ft.	150 SX					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top all able for this depth or be for full 24 hours)

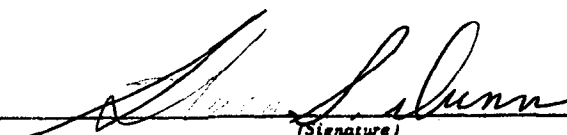
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.

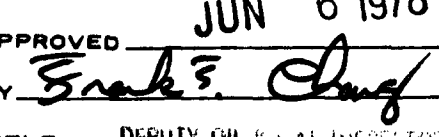
GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
1080 MCF/day	1/2 hr.	-0-	
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Back Pressure	None	18.5 PSIG	1-1/4"

VI. CERTIFICATE OF COMPLIANCE

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

  
(Signature)  
Engineer  
(Title)  
6-5-78  
(Date)

OIL CONSERVATION COMMISSION  
JUN 6 1978  
APPROVED  
BY   
TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3  
This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for all wells on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM 33047

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hi Roll

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WAW Fruitland Pic. Cliff

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

Sec. 35, T27N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR

J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

2000 FSL and 1850 FWL

14. PERMIT NO.

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

6034' GL

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) Spud, Drill, Log, Cement, Perf. ☒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 perti-  
nent to this work.)\*05-24-78 Move in L & B Speed Drill. Spud 9-3/4" hole to 41 ft. Set 40 ft. of 7"  
surface casing with 6 sacks. Drilling 5" hole.

05-25-78 Drilling @ 1000 ft.

05-26-78 TD @ 1340 ft. Rig up Birdwell. Ran IES Induction and Compensated Density  
Logs. SDON.05-27-78 Ran 57 joints 2-7/8" EUE 6.4 lb./ft. production string and set @ 1337 ft.  
G.L., PBTD @ 1315 ft. Rig up Fleet Cementers and cemented with 150 sacks  
Class "G". Returned 20 sacks est. to surface. WOCT.05-31-78 Rig up Drake Well Service and McCullough Wireline. Ran sinker bars to TD.  
Ran Gamma Ray Correlation Log. Swabbed well down and perfed as follows (per  
Induction Log): 1239-42' w/2 PF 2-1/8" glass jets and 1248-70' w/2 PF  
2-1/8" glass jets. Well came in making 1,080 MCF/day after 30 minutes flowing  
with slight mist of fresh water. Five minute SIP - 220 PSIG. Shut in  
Waiting pipeline connection.

RECEIVED

JUN 05 1978

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

SIGNED

TITLE

Engineer

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

06-01-78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

JUN 8 1978

OIL CON. COM.  
DIST. 3

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-23033

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

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

At surface

2000 FSL and 1850 FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14 miles south of Farmington

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

1850'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2400'

19. PROPOSED DEPTH

1300'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6034' GL

22. APPROX. DATE WORK WILL START\*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	5-1/2"	15.5#	30 ft.	10 sacks
4-3/4"	2-7/8"	6.4#	1300 ft.	100 sacks

Will drill 7-7/8" hole to 30 ft. and set 30 ft. of 5-1/2", 15.5# casing with 10 sacks cement. Will drill 4-3/4" hole to 1300 ft. and run logs. If appears productive, will run 1300 ft. of 2-7/8", 6.4#, J-55 casing and cement with 100 sacks. Will perforate and stimulate as required. Minimum specifications for pressure control equipment which is to be used - none required. Circulating medium will be clear water and natural mud and water loss control additives. The gas from this formation is not dedicated.

ESTIMATED TOPS:

Formation	Depth
Ojo Alamo	Below Surface Alluvium
Kirtland	156 ft.
Fruitland	1050 ft.
Picture Cliff	1256 ft.

Content  
Water

Natural Gas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Robert L. Bayless*

TITLE

Co-Owner

DATE

May 3, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*Sh 3 rah*  
*Shel C-104 for NSL*

\*See Instructions On Reverse Side

RECEIVED

MAY 4 1978

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

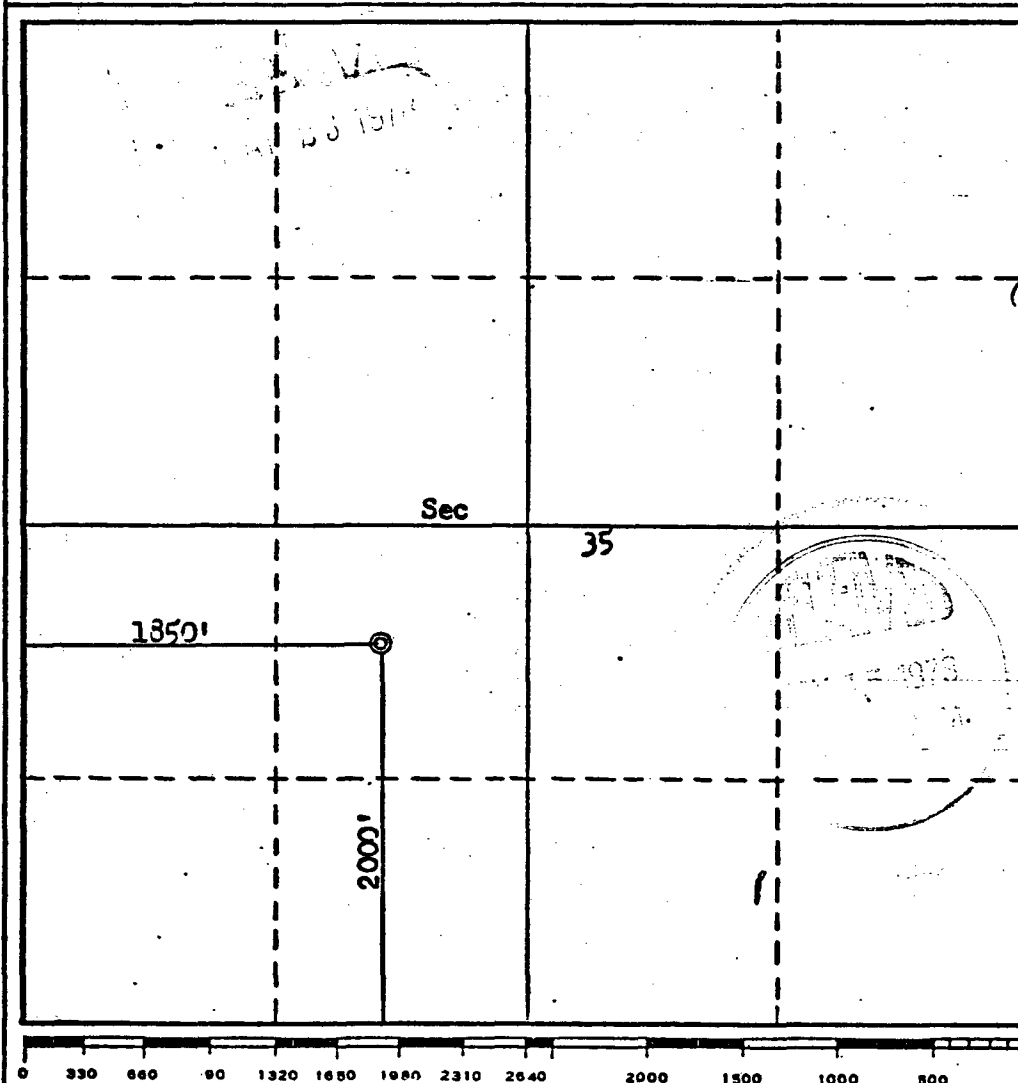
Operator <b>Merrion &amp; Bayless</b>			Lease <b>H1 Roll</b>		Well No. <b>2</b>
Unit Letter <b>K</b>	Section <b>35</b>	Township <b>27N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>2000</b> feet from the <b>South</b> line and		<b>1850</b> feet from the <b>West</b> line			
Ground Level Elev. <b>6034</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>W&amp;W Fruitland</b> <del>W&amp;W</del> <b>Pictured Cliffs</b>		Dedicated Acreage <b>160</b>	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

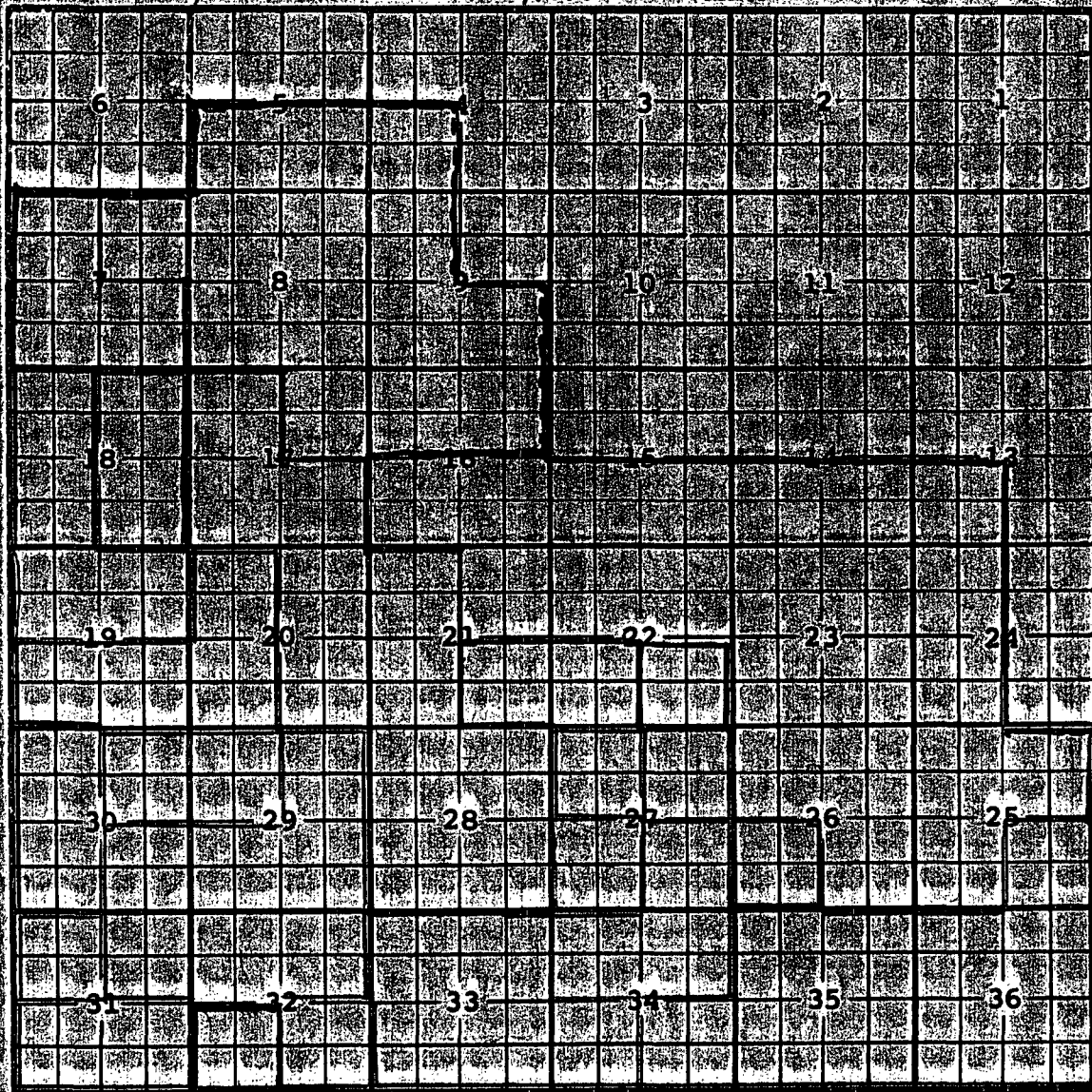
Name  
**Robert L. Bayless**  
Position  
**Co-Owner**  
Company  
**Merrion & Bayless**  
Date  
**April 5, 1978**

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.

Date Surveyed  
**April 3, 1978**  
Registered Professional Engineer and/or Land Surveyor  
**Fred B. Kerr Jr.**  
Certification No.  
**3950**

COUNTY San JuanPOOL Waw - Pictured CliffsTOWNSHIP 27 NorthRANGE 13 West

NMPM



Description:  $\frac{SW}{4}$  Sec 32 (R-4260, 3-1-72) Ext.  $\frac{E}{2}$   $\frac{SW}{4}$  Sec 29,  $\frac{SE}{4}$  Sec 30,  
 -  $\frac{NE}{4}$  Sec 31,  $\frac{N}{2}$  Sec 32 (R-5129, 1-1-76) Ext.  $\frac{SE}{4}$  Sec 27,  $\frac{NW}{4}$  Sec 29,  
 -  $\frac{NE}{4}$  Sec 30,  $\frac{NW}{4}$  Sec 31, All Sec 33,  $\frac{SW}{4}$   $\frac{N}{2}$  Sec 34 (R-5339, 2-1-77)  
 Ext.  $\frac{SW}{4}$  Sec 26 (R-5470, 7-1-77) Ext.  $\frac{S}{2}$  Sec 31 and vertical limits  
 extended to include Fruitland formation. Pool redesignated  
 WAW - Fruitland - Pictured Cliffs Pool. (R-5596, 1-1-78)  
 Ext.  $\frac{S}{2}$  Sec 19,  $\frac{W}{2}$  Sec 20,  $\frac{NE}{4}$  Sec 27,  $\frac{SE}{4}$  Sec 32 (R-5772, 7-1-78)  
 Ext.  $\frac{W}{2}$  Sec 18,  $\frac{N}{2}$  Sec 19,  $\frac{SE}{4}$  Sec 25,  $\frac{NW}{4}$  Sec 27,  $\frac{W}{2}$  Sec 30,  $\frac{SE}{4}$  Sec 34,  
 - All Secs 35 & 36 (R-5779, 8-1-78) Ext.  $\frac{SW}{4}$  Sec 27 (R-5843, 12-1-78)  
 Ext.  $\frac{E}{2}$  Sec 18 (R-6180, 11-1-79) Ext.  $\frac{W}{2}$   $\frac{SE}{4}$  Sec 7,  $\frac{W}{2}$   $\frac{SE}{4}$  Sec 17,  
 $\frac{E}{2}$  Sec 20,  $\frac{W}{2}$  Sec 21, All Sec 28 (R-6327, 5-1-80) Ext.  $\frac{SW}{4}$  Sec 4,  
 $\frac{S}{2}$  Sec 5,  $\frac{NE}{4}$  Sec 7, All Sec 8,  $\frac{W}{2}$   $\frac{SE}{4}$  Sec 9,  $\frac{N}{2}$  Sec 16,  $\frac{NE}{4}$  Sec 17  
 (R-6886, 1-22-82) Ext.  $\frac{SE}{4}$  Sec 21,  $\frac{NW}{4}$  Sec 22 (R-7277, 5-5-83)  
 Ext.  $\frac{SE}{4}$  Sec 22 (R-7495, 4-5-84) REDESIGNATED (R-8769, 10-1-86)

Ext.  $\frac{SW}{4}$  Sec 13,  $\frac{S}{2}$  Sec 14,  $\frac{S}{2}$  Sec 15,  $\frac{S}{2}$  Sec 16,  $\frac{NE}{4}$  Sec 21,  $\frac{N}{2}$  Sec 22, All Sec 23,  
 $\frac{W}{2}$  Sec 24,  $\frac{N}{2}$  and  $\frac{SW}{4}$  Sec 25,  $\frac{N}{2}$  and  $\frac{SE}{4}$  Sec 26 (R-10761, 2-10-92)

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION09/26/00 09:14:09  
OGOMES -TQD4  
PAGE NO: 1

Sec : 35 Twp : 27N Rng : 13W Section Type : NORMAL

D 40.00  Federal owned  A	C 40.00  Federal owned	B 40.00  Federal owned  A	A 40.00  Federal owned
E 40.00  Federal owned	F 40.00  Federal owned	G 40.00  Federal owned	H 40.00  Federal owned

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

09/26/00 09:14:15  
OGOMES -TQD4  
PAGE NO: 2

Sec : 35 Twp : 27N Rng : 13W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned A	Federal owned	Federal owned
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned	Federal owned	Federal owned A A	Federal owned

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD : ONGARD 09/26/00 09:14:34  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQD4

API Well No : 30 45 23033 Eff Date : 07-01-1978 WC Status : A  
Pool Idn : 87190 WAW FRUITLAND SAND PC (GAS)  
OGRID Idn : 14634 MERRION OIL & GAS CORP  
Prop Idn : 7804 HI ROLL

Well No : 002  
GL Elevation: 6034

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: K	35	27N	13W	FTG 2000 F S	FTG 1850 F W	P
Lot Identifier:							
Dedicated Acre: 160.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC