

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 607
FARMINGTON, NEW MEXICO 87401

MAY 24 1978

CERTIFIED MAIL

May 23, 1978

Jerome P. McHugh & Assoc.
Suite 1225
600 South Cherry St.
Denver, CO 80222

NSL 962
Rule 104 F
Immediate

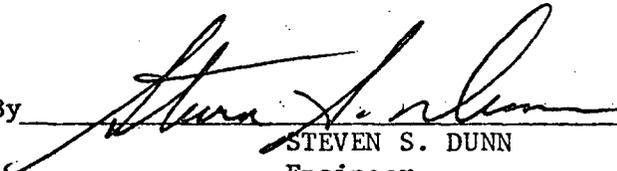
RE: Hi Roll #3 1350 N 1850 E
NE/4 Sec. 35, T27N, R13W
San Juan County, NM
N.p.p.-Pictured Cliffs

Gentlemen:

The enclosed application for unorthodox location is resubmitted to you to fulfill a New Mexico State requirement that offset owners be notified by Certified mail. This application is identical to the one already sent to your offices.

Yours very truly,

MERRION & BAYLESS

By 
STEVEN S. DUNN
Engineer

SSD/eh

Enclosures

xc: NMOCC, Santa Fe
NMOCC, Aztec

MERRION & BAYLESS
P.O. Box 507
Farmington, New Mexico

Proposed - Hi Roll #3
NE/4 Sec. 35, T27N, R13W
San Juan County, N.M.

_____ hereby consents to
(Company Name)

Merrion and Bayless drilling a proposed Pictured Cliffs test gas well
at a location 1350 feet from the north line and 1850 feet from the east
line of Section 35, Township 27 North, Range 13 West, San Juan County,
New Mexico.

By _____
Title:

Date _____

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 807
FARMINGTON, NEW MEXICO 87401

May 17, 1978

Jerome P. McHugh & Assoc.
Suite 1225
600 South Cherry St.
Denver, CO 80222

RE: Hi Roll #3
NE/4 Sec. 35, T27N, R13W
San Juan County, NM

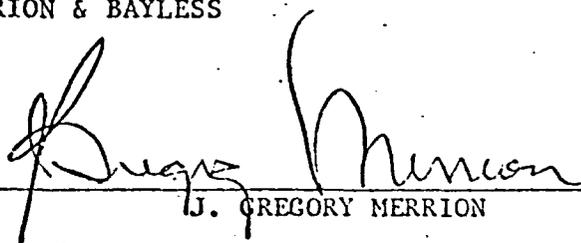
Gentlemen:

You will note from the enclosed copy of application we are requesting an unorthodox location for the above referred to well, and if you have no objection we would appreciate your signing the enclosed waiver and sending it direct to the New Mexico Oil Conservation Commission, P.O. Box 2088, Santa Fe, NM 87501.

Yours very truly,

MERRION & BAYLESS

By



J. GREGORY MERRION

JGM/eh

Enclosure: Waiver Form

cc: NMOCC
Santa Fe

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 507
FARMINGTON, NEW MEXICO 87401

May 17, 1978

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Hi Roll #3
Pic. Cliff Test
NE/4 Sec. 35, T27N, R13W
San Juan County, NM

Gentlemen:

Please accept this as our application for administrative approval of an unorthodox location for the above well as shown on the attached survey plat. You will note we have moved the location 100 feet north from the orthodox location to comply with the requirements of the Navajo Indian Irrigation Project.

We are sending a copy of this application to the offset acreage holders along with a request for waiver on their part if they have no objection.

Yours very truly,

MERRION & BAYLESS

By _____
J. GREGORY MERRION

JGM/eh

Enclosure: Intent to Drill
Survey Plat

cc:- 2 copies - Aztec NMOCC
1 copy - each offset acreage holder

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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: 1350 FNL and 1850 FEL
 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)
 1350'

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.
 2450'

19. PROPOSED DEPTH
 1300'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6007' 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	Content
Ojo Alamo	Below Surface Alluvium	Water
Kirtland	137 ft.	
Fruitland	1030 ft.	
Picture Cliff	1237 ft.	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 _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102
Supersedes C-1
Effective 1-1-67

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

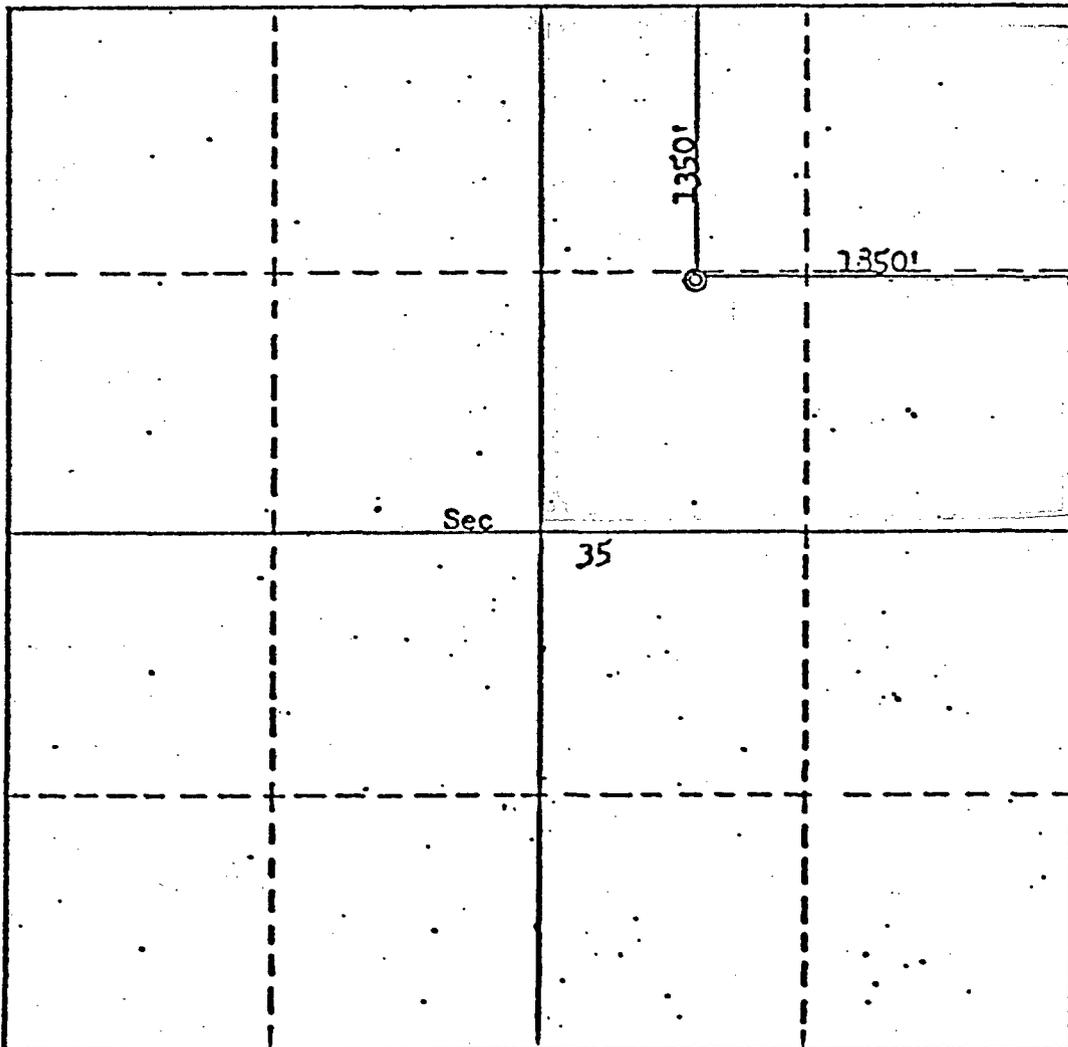
Operator Morrison & Bayless			Lease H1 Roll		Well No. 3
Unit Letter 0	Section 35	Township 27N	Range 13W	County San Juan	
Actual Footage Location of Well:					
1350		feet from the	North	line and	1850
				feet from the	East
Ground Level Elev. 6007	Producing Formation Pictured Cliffs		Pool NIPP Pictured Cliffs		Dedicated Acreage: 160

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.

Robert L. Bayless

Name
Robert L. Bayless

Position
Co-Owner

Company
Merrison & 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 (and Surveyor),

Fred S. Herr Jr.
Fred S. Herr Jr.

Certificate No. **3950**



J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 507
FARMINGTON, NEW MEXICO 87401

MAY 18 1978

May 17, 1978

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Hi Roll #3
Pic. Cliff Test
NE/4 Sec. 35, T27N, R13W
San Juan County, NM

Gentlemen:

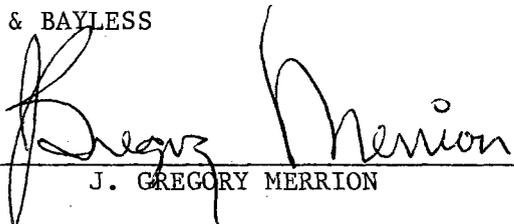
Please accept this as our application for administrative approval of an unorthodox location for the above well as shown on the attached survey plat. You will note we have moved the location 100 feet north from the orthodox location to comply with the requirements of the Navajo Indian Irrigation Project.

We are sending a copy of this application to the offset acreage holders along with a request for waiver on their part if they have no objection.

Yours very truly,

MERRION & BAYLESS

By



J. GREGORY MERRION

JGM/eh

Enclosure: Intent to Drill
Survey Plat

cc: 2 copies - Aztec NMOCC
1 copy - each offset acreage holder

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

MAY 10 1978

D. LEASE DESIGNATION AND SERIAL NO.
NM 33047

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hi Roll

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
NIPP Picture Cliff

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T27N, R13W

12. COUNTY OR PARISH | **13. STATE**
San Juan | N.M.

22. APPROX. DATE WORK WILL START*
As soon as possible

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
1350 FNL and 1850 FEL
 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 drlg. unit line, if any) 1350'

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. 2450'

19. PROPOSED DEPTH 1300'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6007' GL

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
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ESTIMATED TOPS:

Formation	Depth	Content
Ojo Alamo	Below Surface Alluvium	Water
Kirtland	137 ft.	
Fruitland	1030 ft.	
Picture Cliff	1237 ft.	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 _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL AND GAS COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-122
Effective 1-1-65

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

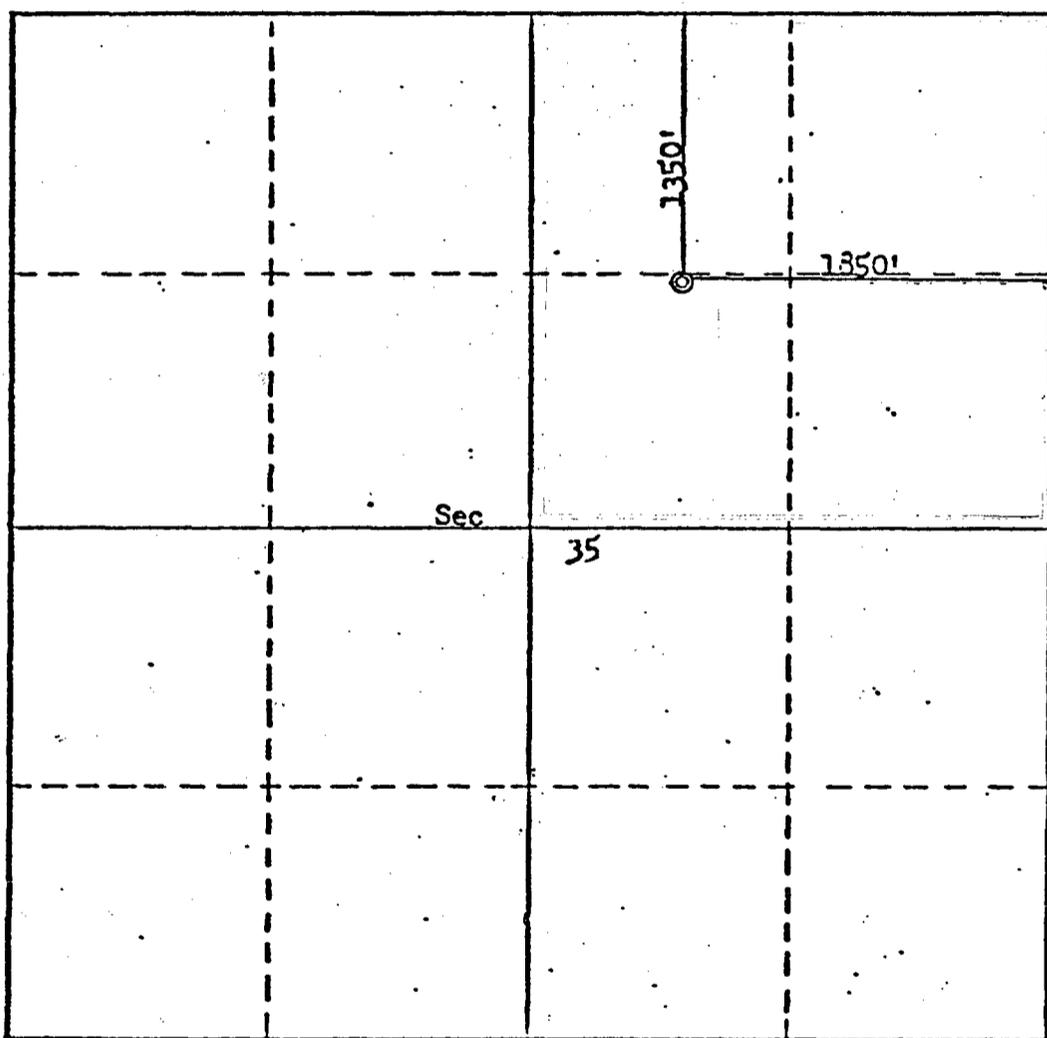
Operator Merrion & Bayless		Lease H1 Roll		Well No. 3
Unit Letter 0	Section 35	Township 27N	Range 13W	County San Juan
Actual Footage Location of Well: 1350 feet from the North line and 1850 feet from the East line				
Ground Level Elev. 6007	Producing Formation Pictured Cliffs	Pool NIPP Pictured Cliffs	Dedicated Acreage: 160 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.

Robert L. Bayless

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.

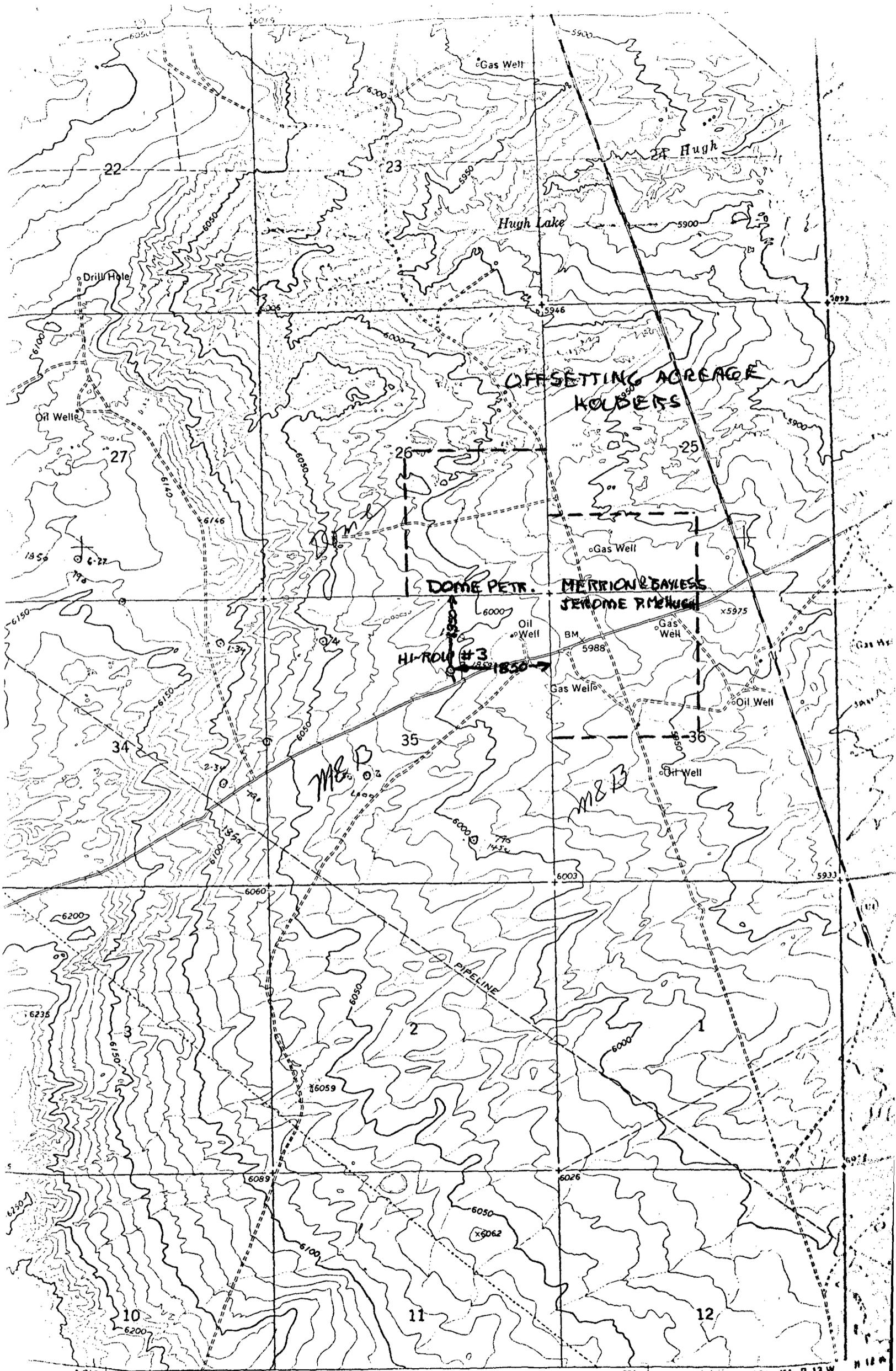
Date Surveyed
April 3, 1978

Registered Professional Engineer and/or (and Surveyor).

Fred S. Kerr Jr.
Fred S. Kerr Jr.

Certificate No. 2 1973
3950





Vicinity Map for
 MERRION & BAYLESS #3 HI Roll
 1350'FNL 1850'FEL Sec 35-T27N-R13W
 San Juan County, New Mexico



1 KILOMETER

CONTOUR INTERVAL 10 FEET

MERRION & BAYLESS
P.O. Box 507
Farmington, New Mexico

Proposed - Hi Roll #3
NE/4 Sec. 35, T27N, R13W
San Juan County, N.M.

Dome Petroleum Corp. hereby consents to
(Company Name)

Merrion and Bayless drilling a proposed Pictured Cliffs test gas well
at a location 1350 feet from the north line and 1850 feet from the east
line of Section 35, Township 27 North, Range 13 West, San Juan County,
New Mexico.

By William E. Balzak
Title: District Engineer

Date May 26, 1978

MAY 24 1978

MERRION & BAYLESS
P.O. Box 507
Farmington, New Mexico

Proposed - Hi Roll #3
NE/4 Sec. 35, T27N, R13W
San Juan County, N.M.

Jerome R. Bayless hereby consents to
(Company Name)

Merrion and Bayless drilling a proposed Pictured Cliffs test gas well
at a location 1350 feet from the north line and 1850 feet from the east
line of Section 35, Township 27 North, Range 13 West, San Juan County,
New Mexico.

By Jerome R. Bayless
Title: owner
Date 5-22-78



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

JERRY APODACA
GOVERNOR

NICK FRANKLIN
SECRETARY

May 22, 1978

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

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

Re: Application for Non-Standard
Location Hi Roll No. 2 and 3
Section 35, T-27-N, R-13-W,
San Juan County, New Mexico

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- A plat must be submitted showing the ownership of the offsetting leases.
- A statement must be submitted that offset owners have been notified of the application by certified mail.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- The application must be signed.

Very truly yours,

R. L. STAMETS
Technical Support Chief



PHILLIPS PETROLEUM COMPANY

DENVER, COLORADO 80202
1000 SECURITY LIFE BUILDING

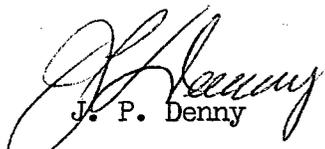
NATURAL RESOURCES GROUP
Exploration and Production

May 30, 1978

J. Gregory Merrion
P.O. Box 507
Farmington, NM 87401

Re: Hi Roll #3
NE/4 Sec. 35, T27N, R13W
San Juan County, NM

Enclosed is our approved copy of the waiver for Unorthodox
Location of the subject well.


J. P. Denny

JPD:NNB:lle

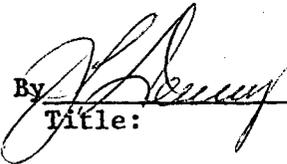
Attachment

MERRION & BAYLESS
P.O. Box 507
Farmington, New Mexico

Proposed - Hi Roll #3
NE/4 Sec. 35, T27N, R13W
San Juan County, N.M.

Phillips Petroleum Company hereby consents to
(Company Name)

Merrion and Bayless drilling a proposed Pictured Cliffs test gas well
at a location 1350 feet from the north line and 1850 feet from the east
line of Section 35, Township 27 North, Range 13 West, San Juan County,
New Mexico.

By 
Title:

Date May 30, 1978

OIL CONSERVATION COMMISSION
aytes DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 5-18-78

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

R. L. Stamets

Gentlemen:

I have examined the application dated 5-17-78
for the Mission & Bayless Hi Roll #3 G-35-27N-134
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

CR Kendrick