

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Burlington Resources
Oil & Gas Co. LP
Pinon Mesa D#002

ADMINISTRATIVE APPLICATION CHECKLIST

753-A

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

RECEIVED
 2008 MAR 20 PM 2 05

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Patsy Clugston

Print or Type Name

Patsy Clugston
Signature

Regulatory Specialist

Title
clugspl@conocophillips.com

3/20/08

Date

e-mail Address



P.O. 4289
Farmington, NM 87499

Sent UPS Overnight

March 19, 2008

NMOCD
Attn: Richard Ezeanyim
1220 S. St. Francis Drive
Santa Fe, NM 87503

30-045-21999

Re: NSL approval

Dear Mr. Ezeanyim:

Burlington Resources is applying for administrative approval of a non-standard gas well location for Basin Fruitland Coal formation. The Pinon Mesa D #2 is a Dakota well that we will be plugging back and will be recompleting in the Fruitland Coal. The well is considered non-standard since it was staked less than 660' from the section line as per Order R-8768-F.

On January 26, 1976 a request was sent to the NMOCD by El Paso Natural Gas asking for non-standard location approval (NSL) for the Pinon Mesa D #2 for the Dakota pool. NSL approval was granted on February 17, 1976 as per Order NSL-753 (see copy attached).

The reason the well was staked non-standard was due to the well being on the Ute Mountain Indian Reservation and in an area of a very prominent hogback. For geological reasons, an orthodox location would not be acceptable in the Northwestern portion of the SESE/4 of Section 13. A very rugged sandstone outcrop and a valuable archaeological site near the center of the SESE/4 of Section 13 eliminated the possibility of an orthodox location in this area. Attached is Mr. Peter Ingle's discussion and recommendation concerning the archaeological site. For these reasons, it is again requested that the unorthodox location be again granted, this time for the Fruitland Coal formation.

The Fruitland Coal has a standard spacing unit of 334.71 acres, encompassing the S/2 of Section 13. Attached to help you make your decision is the following:

- Original APD cover for the well (Dakota formation)
- Notice of Intent to recomplete the Fruitland Coal and C102 (plat)
- Off-set operator plat
- Copy of original NSL on the Pinon Mesa D #2 - NSL-753
- Copy of letter about the archaeological site
- Topo Map

POGO Producing Company is the off-set operator for the southwest quarter of Section 18, T31N, R13W and notification has been sent to them. We appreciate your consideration of this matter. If there is anything else that will be needed please call me at 505-326-9518. Thank you for considering this application.

Sincerely,

Patsy Clugston
Sr. Regulatory Specialist

Pinon Mesa D #2
Request for NSL approval
800' FSL & 600' FEL, Sec. 13, T31N, R14W
San Juan County, NM

I hereby certify that the following offset owner/operator has been notified by certified mail of our application for administrative approval for non-standard well locations of the above stated well.

POGO Producing Company
Attn: Debbie Roberts
P.O. Box 10340
Midland, TX 79701
Ardmore, OK 73402

Patsy Clug
3-20-08

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|---|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. MOO-C-1420-0623 | |
| b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Mtn. Tribal | |
| 2. NAME OF OPERATOR El Paso Natural Gas Company | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401 | | 8. FARM OR LEASE NAME Pinon Mesa D | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 800'S, 600'E | | 9. WELL NO. 2 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* | | 10. FIELD AND POOL, OR WILDCAT Basin Dakota | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) | | 11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA Sec. 13, T-31-N, R-14-NMPM | |
| 16. NO. OF ACRES IN LEASE | | 12. COUNTY OR PARISH | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 320 | | 13. STATE New Mexico | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | | 19. PROPOSED DEPTH 6556' | |
| 20. ROTARY OR CABLE TOOLS Rotary | | 21. APPROX. DATE WORK WILL START* | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5681' GR | | 22. APPROX. DATE WORK WILL START* | |

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|-------------------------|
| 12 1/4" | 8 5/8" | 24.0# | 200' | 164 cu. ft. to circ. |
| 7 7/8" | 4 1/2" | 10.5# | 6556' | 1315 cu. ft. - 3 stages |

1st stage cement - 317 cu. ft. to cover Gallup formation.
2nd stage cement - 425 cu. ft. to cover Mesa Verde formation.
3rd stage cement - 573 cu. ft. to circulate to surface.

Selectively perforate and sandwater fracture the Dakota formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

The E/2 of Section 13 is dedicated to this well.

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 A. G. Dices TITLE Drilling Clerk DATE January 26, 1976

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-65

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

| | | | | | | |
|---|--------------------------------------|------------------------------|-----------------------------|--|---|----------------------|
| Operator EL PASO NATURAL GAS COMPANY | | Lease PINON MESA D | | UTE. MTN. TRIBAL MOO-C-1420-0623 | | Well No. 2 |
| Unit Letter P | Section 13 | Township 31-N | Range 14-W | County SAN JUAN | | |
| Actual Well Location of Well: 800 feet from the SOUTH line and 600 feet from the EAST line | | | | | | |
| Ground Level Elev. 5681 | Producing Formation DAKOTA | | Pool BASIN DAKOTA | | Dedicated Acreage: 320.00 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 _____

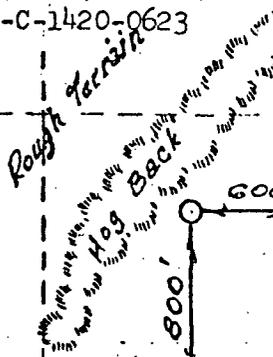
If answer is "no," list the owners and tract-descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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. NOTE: THIS PLAT HAS BEEN REISSUED TO REFLECT A MOVED LOCATION. 1-15-76

NOTE: THIS PLAT IS REISSUED TO SHOW TERRAIN IN LOCATION AREA. 1-22-76

SECTION 13

UTE. MTN. TRIBAL
MOO-C-1420-0623



CERTIFICATION

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

Original Signature
D. C. Erisco

Name
Drilling Clerk

Position
El Paso Natural Gas Co

Company
January 26, 1976

Date

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
JULY 7, 1975 1-12-76

Registered Professional Engineer
and/or Land Surveyor
[Signature]

Certificate No. **1760**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB - 8 2008

Sundry Notices and Reports on Wells

Bureau of Land Management
Durango, Colorado

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
Sec., T--N, R--W, NMPM
Unit P (SESE), 800' FSL & 600' FEL, Sec. 13, T31N, R14W NMPM

RECEIVED

FEB 05 2008

Bureau of Land Management
Farmington Field Office

5. Lease Number
MOO-C01420-0623
6. If Indian, All. or
Tribe Name
Ute Mtn Tribal
7. Unit Agreement Name

8. Well Name & Number
Pinon Mesa D 2
9. API Well No.
30-045-21999
10. Field and Pool
Basin FC
11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

- Notice of Intent
- Subsequent Report
- Final Abandonment

Type of Action:

- Abandonment
- Recompletion
- Plugging
- Casing Repair
- Altering Casing

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-off
- Conversion to Injection

Other : Plug Back

13. Describe Proposed or Completed Operations

It is intended to plug back the Dakota zone per the attached procedure and then recomplete the subject well to the Basin Fruitland Coal formation.

Also see attached wellbore diagram and plat.

SEE ATTACHED
CONDITIONS OF APPROVAL.

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

Signed Tracey N. Monroe Tracey N. Monroe Title Regulatory Technician Date 2/5/08

(This space for Federal or State Office use)
APPROVED BY [Signature] Title AMSU Date 3/14/08

CONDITION OF APPROVAL, if any:
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

Pinon Mesa D 2

Unit P, Section 13, Township 31N, Range 14W

Fruitland Coal Recompletion Sundry

1/24/2008

Procedure:

1. MIRU service rig. TOOH with current production tubing string.
2. Wireline set a 4-1/2" cast iron bridge plug 50ft below the Dakota formation top. Run a GR/CCL/CBL log from PBTB to surface.
3. TIH with tubing and spot a 100ft cement plug on top of the cast iron bridge plug. TOOH.
4. Perforate 2 squeeze holes 50ft below the Gallup formation top. RIH with a cement retainer and set at the Gallup formation top. Squeeze 133 sxs below retainer, sting out and spot 7 sxs (100ft) on top of retainer. TOOH.
5. TIH with a cast iron bridge plug and set 50ft below the Mesaverde formation top. PU and spot 100ft of cement on top of bridge plug. TOOH.
6. RIH with wireline and tag PBTB. Perforate the Fruitland Coal.
7. Fracture stimulate the Fruitland coal with 100,000# 20/40 Arizona sand in 121,000 equivalent gallons of 75Q foamed 25# linear gel.
8. Flow back frac on clean-up. RIH and wireline set a composite bridge plug 50ft above top perf.
9. TIH with a mill and drill out composite frac plug. Clean out to new PBTB. TOOH.
10. Run a pressure survey on slickline.
11. TIH and land production tubing.
12. Release service rig and turn over to production.

Pinon Mesa D 2

800' FSL, 600' FEL
 Unit P, Section 13, T31N, R14W
 San Juan County, NM

LAT: 36° 53' 46.464"

LONG:

GL = 5,681'

KB= 5,692'

Current Wellbore Diagram

Surface Casing:

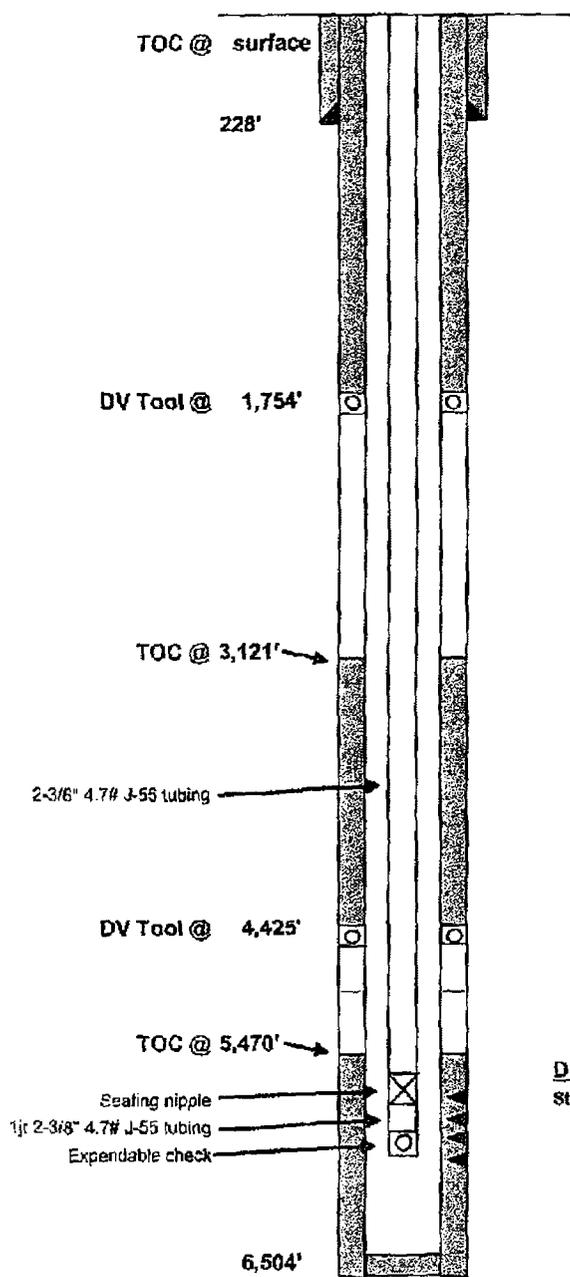
8-5/8 24# K-55
 Set @ 228'
 TOC @ surface

Tubing:

2-3/8" 4.7# J-55
 Set: 6349
 SN: 6317

Production Casing:

4-1/2 10.5# K-55
 Set: 6,504'
 TOC: 5,470' Stg 1
 TOC: 3,121' Stg 2
 TOC: surface Stg 3
 DV Tool: 4,425'
 DV Tool: 1,754'



| | |
|-----------------|--------|
| Ojo Alamo | |
| Kirtland | |
| Fruitland | 1,085' |
| Pictured Cliffs | 1,466' |
| Heur Bent. | |
| Chacra | |
| Cliffhouse | 3,236' |
| Menefee | |
| Point Lookout | 4,146' |
| Mancos | |
| Gallup | 5,374' |
| Greenhorn | 6,134' |
| Graneros | 6,194' |
| Dakota | 6,350' |

Dakota

Stg 1 6868'-6880', 15,000#, 20,700 gal wtr

PBTD= 6,503'
 TD= 6,504'

Pinon Mesa D 2

800' FSL, 600' FEL
Unit P, Section 13, T31N, R14W
San Juan County, NM

LAT: 36° 53' 46.464" LONG:
GL = 5,681' KB= 5,692'

Proposed Wellbore Diagram

Surface Casing:
8-5/8 24# K-55
Set @ 228'
TOC @ surface

TOC @ surface
228'

Fruitland Coal
1232'-1460'
110,000# sand, 32,600 gal
750 foamed 25# linear gel

DV Tool @ 1,754'

Tubing:
2-3/8" 4.7# J-55
Set: 2410
SN: 2409

TOC @ 3,121'

Production Casing:
4-1/2 10.5# K-55
Set: 6,504'
TOC: 5,470' Stg 1
TOC: 3,121' Stg 2
TOC: surface Stg 3
DV Tool: 4,425'
DV Tool: 1,754'

DV Tool @ 4,425'

TOC @ 5,470'

6,504'

PBTD= 6,503'
TD= 6,504'

| | |
|-----------------|--------|
| Ojo Alamo | |
| Kirtland | |
| Fruitland | 1,085' |
| Pictured Cliffs | 1,466' |
| Heur Bent. | |
| Chacra | |
| Cliffhouse | 3,236' |
| Menefee | 3,312' |
| Point Lookout | 4,146' |
| Mancos | |
| Gallup | 5,374' |
| Greenhorn | 6,134' |
| Graneros | 6,194' |
| Dakota | 6,350' |

Mesaverde P&A'd
Cast Iron Bridge Plug @ 3286'
7 sx on top

Gallup P&A'd
Cmt ret @ 5374'
2 sqz holes @ 5424'
133 sx below, 7 sx on top

Dakota P&A'd
Cast Iron Bridge Plug @ 6400'
7 sx on top
Stg 1 6868'-6880', 15,000#, 20,700 gal wtr

District I

1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Bruzos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
 Permit 68827

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|----------------------------------|--|
| 1. API Number | 2. Pool Code 71629 | 3. Pool Name BASIN FRUITLAND COAL (GAS) |
| 4. Property Code 7395 | 5. Property Name PINON MESA D | |
| 6. Well No. 002 | 7. OGRID No. 14538 | |
| 8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation 5699 | |

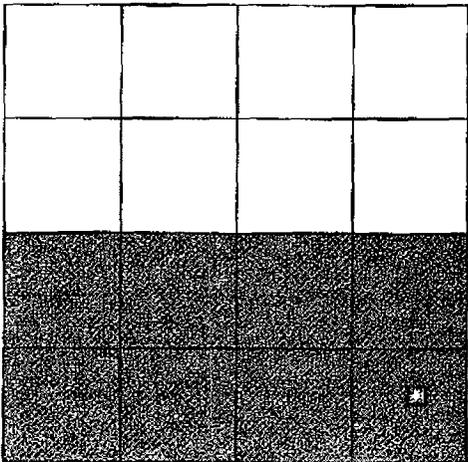
10. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|----------|
| P | 13 | 31N | 14W | | 800 | S | 600 | E | SAN JUAN |

11. Bottom Hole Location If Different From Surface

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|-------------------------------|---------|---------------------|-------|------------------------|-----------|----------|---------------|----------|--------|
| 12. Dedicated Acres 334.71 | | 13. Joint or Infill | | 14. Consolidation Code | | | 15. Order No. | | |

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

| | |
|---|--|
|  | <p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: <i>Gracy N. Morrow</i> Title: <i>Regulatory Technician</i> Date: <i>2/5/08</i></p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: David O Vilven Date of Survey: 12/12/1976 Certificate Number: 1760</p> |
|---|--|

Burlington Resources Oil & Gas Company.

Lease: MOO-C-1420-623

Well: Pinon Mesa #D 2

800 FSL & 600' FEL

Section 13, T. 31 N., R. 14 W.

San Juan County, New Mexico

Conditions of Approval: Sundry Notice to Abandon and Recomplete:

1. Upon the permanent plugging of the Dakota formation, provide to this office a Sundry Notice, Subsequent Report of Abandonment.
2. After the Recompletion and the additional pay is added to this wellbore, provide to this office a Sundry Notice, Subsequent Report of operations, including the daily reports and an accurate wellbore diagram including formation tops. A Completion Report must be submitted at this time.
3. All these documentation requirements must be received in this office within 30 days of completion of operations.

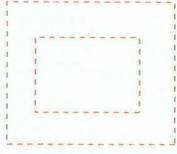
Well File Information: All tests and operations on any well in the subject lands shall be conducted at the Operators sole discretion. Provide to this office copies of the following, if conducted

- a. All wire line logs – Field and Final Print (Electrical, Radioactive, Sonic, Porosity, Velocity, etc. with digitized and log analysis, if available).
- b. Drill Stem tests - field data
- c. Core analysis - field data
- d. Mud Log - final prints
- e. Drill Stem tests - final prints
- f. Core analysis - final prints
- g. Revised Structure and Isopach maps
- h. Location (Surveyor's Plat & Drilling Permit
- i. Daily Drilling Report, Daily Workover report and final Drilling Summary
- j. Directional Survey
- k. Geological Report
- l. Completion Report
- m. Production Test Data (AOF Potential, GOR, etc.)
- n. 30 Day Well Production Test Record
- o. Bottom Hole Pressure Surveys
- p. Gas, Oil, and/or Water Analysis
- q. Monthly Oil, Gas, and/or Plant Products Purchasing Statements
- r. MMS Monthly OGOR and/or 4054 Monthly Report of Operations
- s. Sundry Notices to the BLM
- t. Wellbore profile
- u. Division Orders/Title Opinion
- v. Plug and Abandon Reports
- w. AFEs
- x. Other Information Requested by the Tribal Energy Department.

Legend



FRUITLAND COAL



Setback 660'



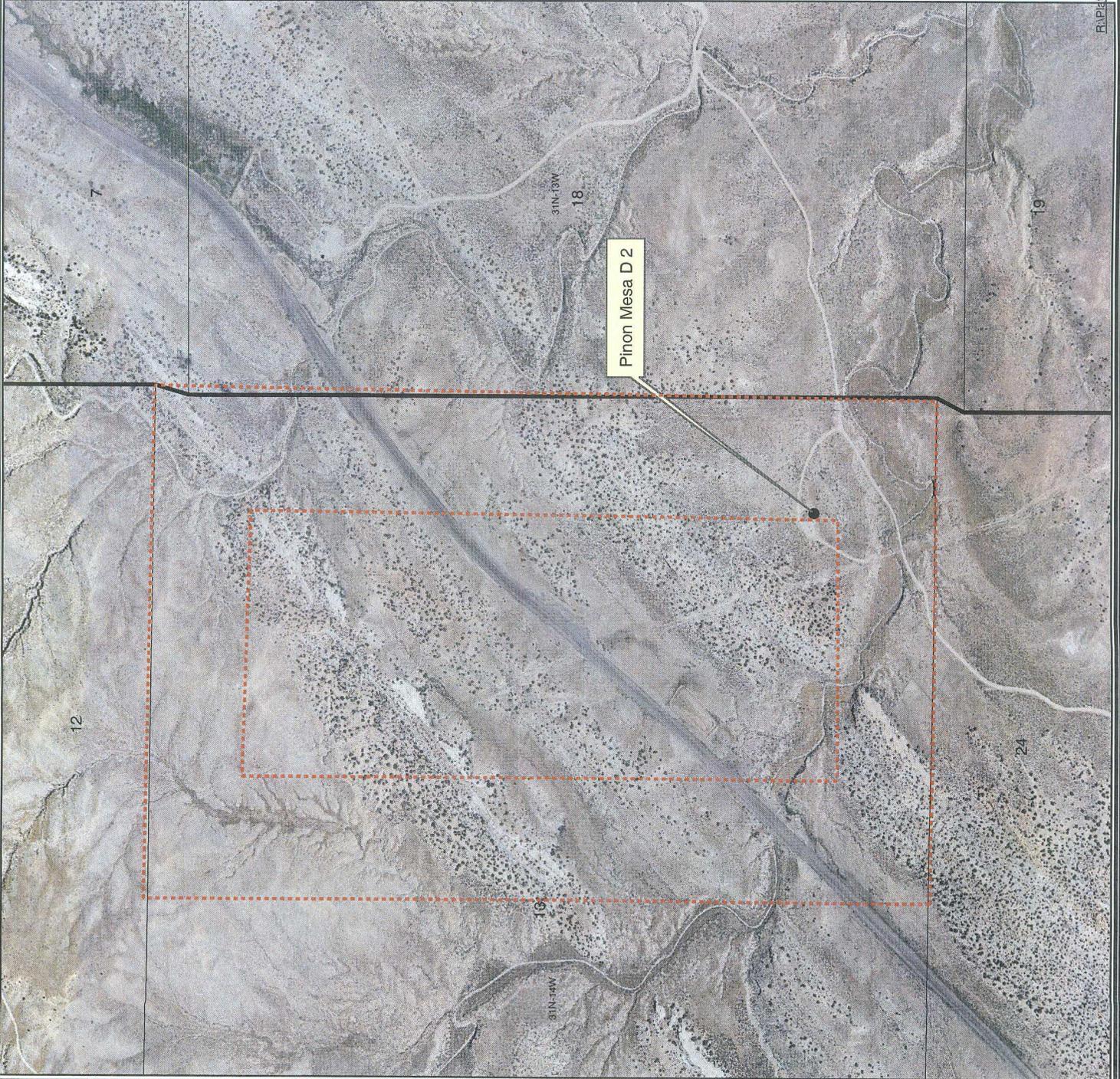
1:11,463
- 1" equals 954'
GCS North American 1927



ConocoPhillips
© Unpublished Work, ConocoPhillips

Pinon Mesa D 2
Sec. 13, T31N, R14W
800' FSL, 600' FEL
Aerial Map

Author:
Date: 2/6/2008
Compiled by:
Scale: <Scale>
Project: Projects\San Juan Basin Template.mxd



Pinon Mesa D 2

R:\P\...

Legend

FRUITLAND COAL



Setback 660'



1:11,453 - 1" equals 954'
GCS North American 1927

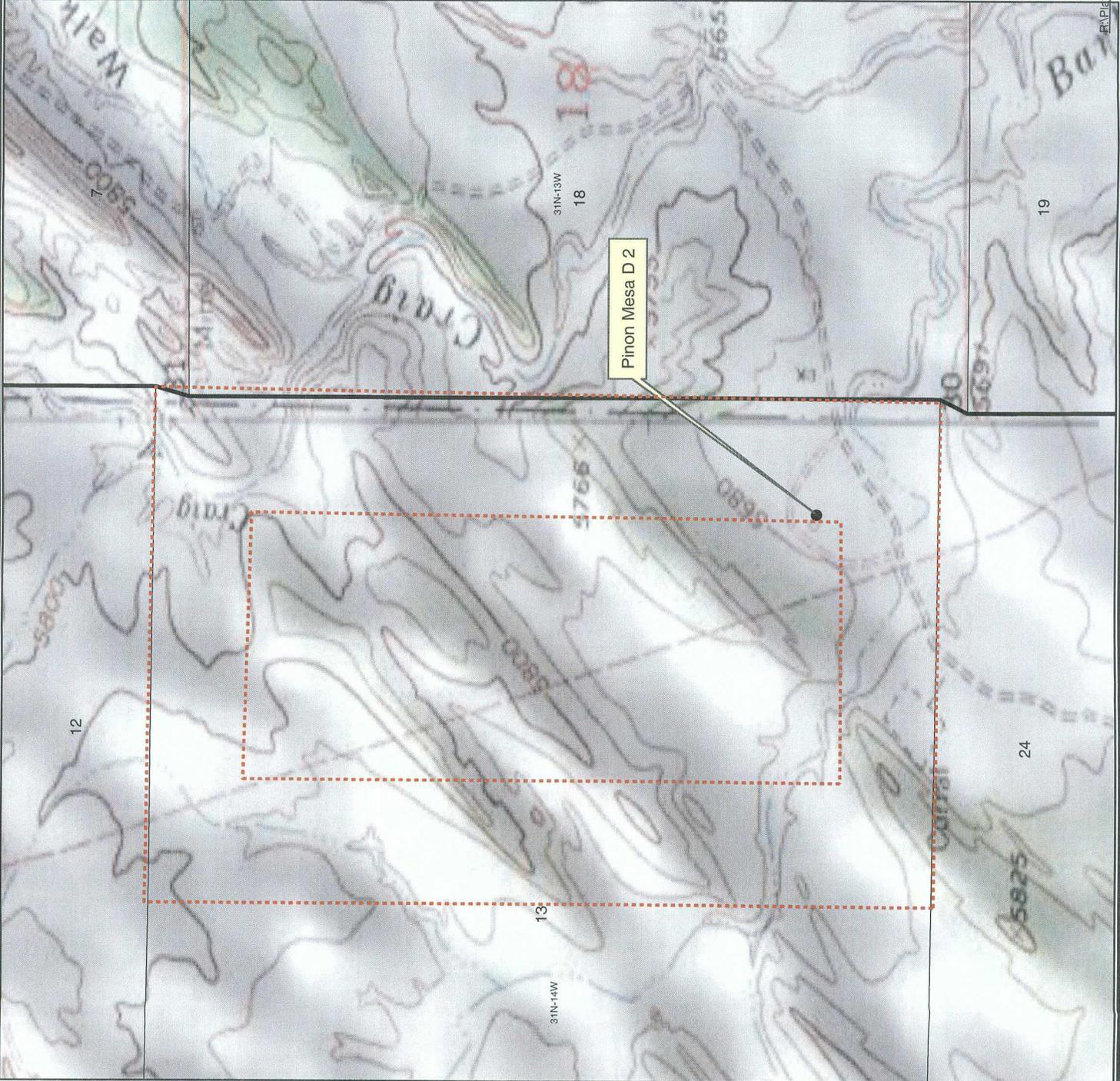


ConocoPhillips

© Unpublished Work, ConocoPhillips

Pinon Mesa D 2
Sec. 13, T31N, R14W
800' FSL, 600' FEL
Topography Map

| | | |
|---|--------|----------|
| Author: | Date: | 2/6/2008 |
| Compiled by: | Scale: | Scale |
| Subject: Projectist\San Juan Basin Template.mxd | | |



Legend

FRUITLAND COAL



Pogo Producing
(San Juan) Company



Pinon Mesa D 2

31N-14W

31N-13W



1:22,098 - 1" equals 1,841'

GCS North American 1927



ConocoPhillips
© Unpublished Work, ConocoPhillips

Pinon Mesa D 2
Sec. 13, T31N, R14W
Offset Operators

| | | |
|---|--------|----------|
| Author: | Date: | 2/6/2008 |
| Compiled by: | Scale: | <Scale> |
| C:\Users\p10001\Documents\San Juan Basin_Template.mxd | | |

FR1311N

Legend

FRUITLAND COAL



1:31,497
1" equals 2,625'
GCS North American 1927



ConocoPhillips
© Unpublished Work, ConocoPhillips

Pinon Mesa D 2
Sec. 13, T31N, R14W
Nine Section Plat

Author: _____ Date: 2/6/2008
Compiled by: _____ Scale: <Scale>
Project: \Projects\San Juan Basin Template.mxd

R14W



OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 17, 1976

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87401

Attention: Mr. Donald R. Read

Administrative Order NSL-753

Gentlemen:

Reference is made to your application for approval of a non-standard location for your Pinon Mesa D Well No. 2 located 800 feet from the South line and 600 feet from the East line of Section 13, Township 31 North, Range 14 West, NMPM, Basin-Dakota Pool, San Juan County, New Mexico.

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

Very truly yours,

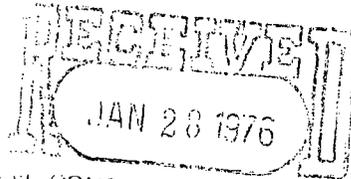
JOE D. RAMEY
Secretary-Director

JDR/JEK/dr

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

C
O
P
Y

El Paso NATURAL GAS
COMPANY



P. O. BOX 990
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

NEW MEXICO OIL CONSERVATION COMM.
Santa Fe

January 26, 1976

Mr. Joe Ramey, Director
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

NSL - 753
due 2/17/76
104 F

Dear Mr. Ramey:

This is a request for administrative approval for an unorthodox gas well location in the Basin Dakota pool.

It is intended to locate the El Paso Natural Gas Company Pinon Mesa D #2 well 800' from the South line and 600' from the East line of Section 13, T-31-N, R-14-W, NMPM, San Juan County, New Mexico. The East half of Section 13 is dedicated to this well.

This well is located on the Ute Mountain Indian Reservation and in an area of a very prominent hogback. For geological reasons, an orthodox location would not be acceptable in the Northwestern portion of the SESE/4 of Section 13. A very rugged sandstone outcrop and a valuable archaeological site near the center of the SESE/4 of Section 13 eliminate the possibility of an orthodox location in this area. Attached is Mr. Peter Ingle's discussion and recommendation concerning the archaeological site. For these reasons, it is requested that the unorthodox location be approved.

All of the operators in the offsetting proration units have been notified of this application.

Plats showing the proposed well location with terrain features and operators of offset leases are attached.

Very truly yours,

Donald R. Read
Division Drilling Engineer

GDM:pb

cc: A. R. Kendrick, with attachments
Jim Permenter, with attachments
Jerry Long, with attachments

El Paso NATURAL GAS
COMPANY

P. O. BOX 990
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

January 26, 1976

Registered Mail

Chevron Oil Company, PO Box 599, Denver, Colorado 80201
Nuclear Exploration & Development, PO Box 234, Farmington, N.M. 87401

Gentlemen:

El Paso Natural Gas Company has requested administrative approval for an unorthodox gas well location in the Basin Dakota pool.

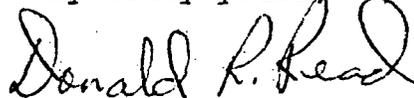
It is intended to locate the El Paso Natural Gas Company Pinon Mesa D #2 well 800' from the South line and 600' from the East line of Section 13, T-31-N, R-14-W, NMPM, San Juan County, New Mexico. The East half of Section 13 is dedicated to this well.

This well is located on the Ute Mountain Indian Reservation and in an area of a very prominent hogback. For geological reasons, an orthodox location would not be acceptable in the Northwestern portion of the SESE/4 of Section 13. A very rugged sandstone outcrop and a valuable archaeological site near the center of the SESE/4 of Section 13 eliminate the possibility of an orthodox location in this area. Attached is Mr. Peter Ingle's discussion and recommendation concerning the archaeological site. For these reasons, it is requested that the unorthodox location be approved.

In compliance with New Mexico Oil Conservation Commission rules we are notifying you, as operators of an offsetting proration unit, of our application for administrative approval for the aforementioned unorthodox gas well location.

A plat showing the proposed well location and offsetting Dakota lease ownership is attached.

Very truly yours,

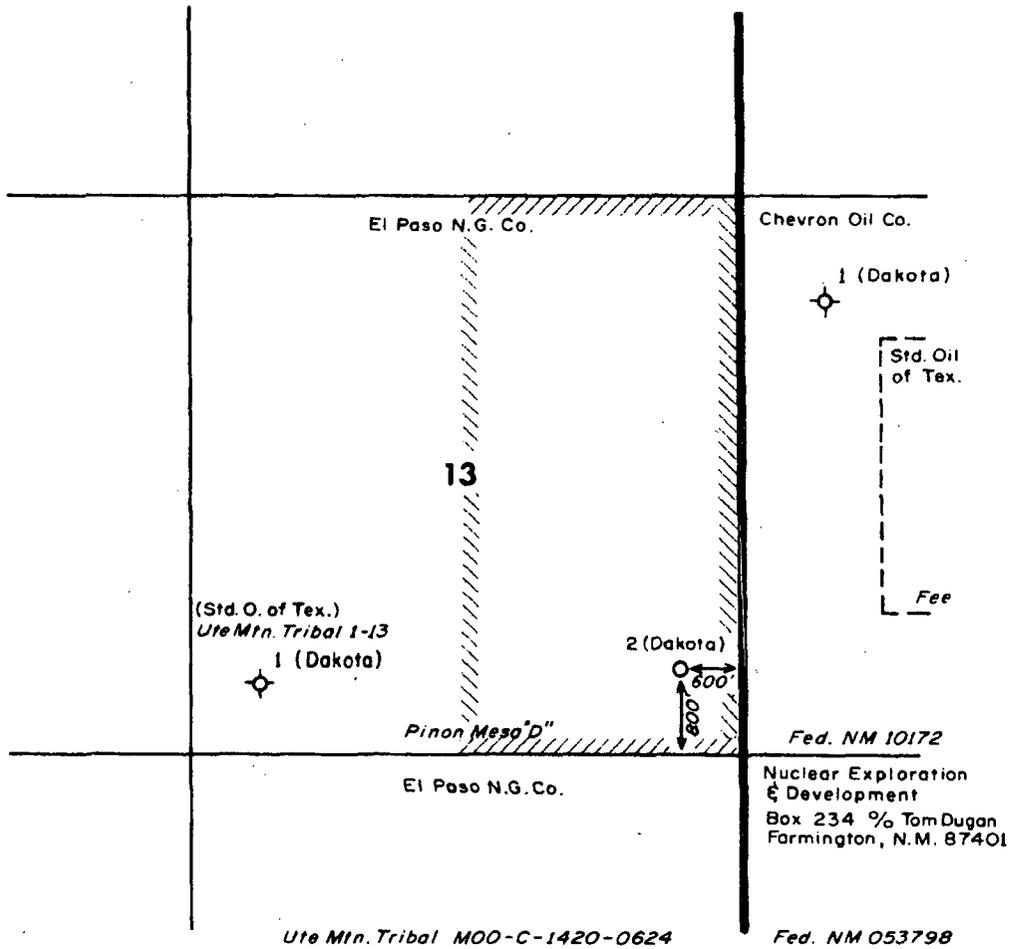


Donald R. Read
Division Drilling Engineer

GDM:pb

R 14 W

R 13 W



T
31
N

| | | | | | | | | | | | | | |
|--------------|------|------|----|------|------------|--|------|--|---|--|------|---------|--|
| | | | | | ENG. REC. | | DATE | |  El Paso Natural Gas Company DAKOTA OWNERSHIP Offsetting E.P.N.G. #2 - Pinon Mesa "D", S13-31N-14W San Juan Co., New Mexico | | | | |
| | | | | | DRAWN | | J.H. | | | | | 1-20-76 | |
| | | | | | CHECKED | | | | | | | | |
| | | | | | CHECKED | | | | | | | | |
| | | | | | PROJ. APP. | | | | | | | | |
| PRT. | SEP. | DATE | TO | W.O. | DESIGN | | | | SCALE: 3" = 1 mi. | | | | |
| PRINT RECORD | | | | | W.O. | | | | DWG. NO. | | REV. | | |

El Paso NATURAL GAS
COMPANY

P. O. BOX 990
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

January 26, 1976

Mr. Jerry Long
U. S. Geological Survey
Post Office Box 1809
Durango, Colorado 81301

Re: Application for Permit to Drill
Pinon Mesa D #2
SESE Section 13, T-31-N, R-14-W
Basin Dakota

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from a water hole located in: EPNG's San Juan River Plant. Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours very truly,



D. G. Brisco
Drilling Clerk

DGB:pb

att.

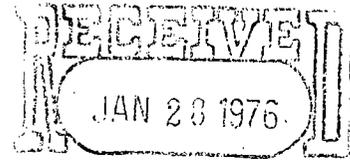
SAN JUAN COUNTY MUSEUM ASSOCIATION

EASTERN NEW MEXICO UNIVERSITY

DIVISION OF CONSERVATION ARCHAEOLOGY

ROUTE 3 • BOX 169
FARMINGTON, NEW MEXICO 87401

PHONES: 632-2013 • 632-2733 • 632-2777



U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SANTA FE

January 20, 1976

Earl W. Mealer, Jr.
Division Project Engineer
San Juan Division
El Paso Natural Gas Company
P.O. Box 990
Farmington, New Mexico 87401

PROJECT
JAN 22 1976
ENGINEERING

Dear Mr. Mealer:

Enclosed please find a copy of the archaeological clearance survey for the five well pads (Pinon Mesa #A-2, #B-2, #C-2, #C-3, #D-2), connecting tie-in lines and two access roads located in Township 31 North, Range 14 West, on the Ute Mountain Indian Reservation.

As explained in the enclosed report, archaeological clearance has been recommended for all of these areas with the exception of the well pad, tie-in line and access road of Pinon Mesa #D-2, which has been recommended for clearance with qualification.

I wish to add that I am very impressed with the efforts that Harland Gould and the other members of El Paso Natural Gas Company have taken to respect the archaeological remains near well #D-2. Besides setting up a new location previous to my visit in the field, they were most patient and understanding in the field while I surveyed the archaeological site ENM #10665.

Sincerely yours,

Peter A. Ingle
Division of Conservation Archaeology

cc: Harland Gould, El Paso Natural Gas Company, Farmington, N.M.
Phil Kirk, Bureau of Land Management, Farmington, N.M.
Marshall Whyte, Ute Mountain Tribal Office, Towaoc, Colo.
Hal Rogers, Real Property Management, Towaoc, Colo. (B.I.A.)
J. Loring Haskell, D.C.A., Portales, N.M.

SAN JUAN COUNTY MUSEUM ASSOCIATION

EASTERN NEW MEXICO UNIVERSITY

DIVISION OF CONSERVATION ARCHAEOLOGY

ROUTE 3 • BOX 169
FARMINGTON, NEW MEXICO 87401

PHONES: 632-2013 • 632-2733 • 632-2777

Archaeological Clearance Survey Report

for

El Paso Natural Gas Company

Farmington, New Mexico

January 20, 1976

by

Peter A. Ingle

Introduction

The Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey of Ute Mountain Indian Reservation Lands under the jurisdiction of the Bureau of Indian Affairs to be impacted by the scheduled construction of five well pads, tie-in lines and two access roads by El Paso Natural Gas Company of Farmington, New Mexico. The required field work was accomplished on January 15, 1976.

The survey project was initiated at the request of and under contract with El Paso Natural Gas Company. It was administered by Earl W. Kealer, Jr., representing El Paso Natural Gas Company, and by J. Loring Haskell, who served as the principal investigator for the Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University. The field work was conducted by Peter Ingle, representing the Division of Conservation Archaeology, under provisions of the permit issued by the Ute Mountain Tribal Office to the Division of Conservation Archaeology. Representatives in the field were Harland Gould, Don Hitt, and John Ahlm, of El Paso Natural Gas Company; Hal Rogers of the Bureau of Indian Affairs; and John Keller, of the U.S. Geological Survey Office in Durango.

Survey

The requested survey involved five well tie-in lines, their respective well pads, and two access roads on the Ute Mountain Indian Reservation. A section of one well, E.P.N.G. Pinon Mesa #C-2, lies on land under the jurisdiction of the Bureau of Land Management. (For specific details of locations, see attached copies of topographic maps, plats, and the recommendations section of this report.)

Survey Procedure

The Division of Conservation Archaeology representative walked in a zig-zag fashion over all the areas in question, visually scanning the ground for any evidence of cultural activity. Erosional gullies were inspected closely for signs of subsurface cultural resources. Adjacent areas which were thought to have potential for containing cultural resources were also checked.

E.P.N.G. Pinon Mesa #A-2: This well and its connecting tie-in line will be located in a gently sloping area to the south of Foxtail Flats, at an elevation of approximately 5690 feet. Along the tie-in line there is moderate to heavy overall coverage of *Artemisia tridentata* (sagebrush), *Opuntia* (prickly pear cactus), *Yucca* (yucca), *Atriplex confertifolia* (shadscale), and *Bromus tectorum* (cheat grass). Drainage is to the west. The tie-in line is approximately 4125 feet in length. The area of the prospective pad itself, which measures 300 feet by 260 feet, contains the same coverage as the area along the tie-in line, and drainage is to the west-northwest. No cultural resources were noted in either the pad area or along the tie-in line.

E.P.N.G. Pinon Mesa #B-2: The tie-in line for this well is approximately 3300 feet in length. The proposed pad and tie-in line are both located in Foxtail Flats, with the pad at an elevation of approximately 5680 feet and with an area of 300 feet by 260 feet. The coverage in both cases is moderate to heavy and consists primarily of *Artemisia tridentata*, *Gutierrezia sarothrae* (broom snakeweed), *Bromus tectorum*, and scattered *Juniperus* (juniper) and *Yucca*. The topography is gentle, and slopes to the west. In neither the pad area nor the tie-in line were any archaeological resources noted.

E.P.N.G. Pinon Mesa #C-2: This well, its access road and tie-in line are in a gently sloping area to the east of Narrows Wash, at an elevation of approximately 5700 feet. The tie-in line will be approximately 1500 feet in length, is in an area with local drainage to the north, and has a moderate overall coverage predominantly of *Artemisia tridentata* and various grasses with isolated occurrences of *Gutierrezia sarothrae*, *Juniperus*, and *Atriplex canescens* (fourwing saltbush). The proposed well pad exhibits the same foliage, measures 300 feet by 260 feet, and drainage there is to the west. The access road will be approximately 500 feet in length and heads in a northwesterly direction towards a previously existing unpaved road. One segment of the tie-in line for this well is on land under Bureau of Land Management jurisdiction (see accompanying plat). In none of the areas surveyed were there any cultural artifacts or evidence thereof that would be impacted by construction in these areas.

E.P.N.G. Pinon Mesa #C-3: The tie-in line to this proposed well is 492 feet. The well pad will be relatively small, 100 feet by 150 feet, as it is adjacent to an existing well, Pinon Mesa #3. The drainage locally is to the east, and the coverage is moderate overall, consisting solely of *Bromus tectorum* and various other grasses. Nowhere in this area were any cultural resources noted.

E.P.N.G. Pinon Mesa #D-2: There are two prospective sites for this well pad. Both are in the same area, with a moderate to heavy coverage predominantly of *Artemisia tridentata*, *Cutierrezia sarothrae*, and various grasses. Drainage is to the east. The orthodox location for this well would have encompassed an archaeological site (ENM #10665), and seeing this, the El Pas Natural Gas Company representatives had already selected another site. It is upon this latter area that the survey was concentrated. This new site was surveyed and found to contain very few sherds, but these were noted as being wash from the site, to the west of it. The well pad and tie-in line will skirt the area of the site that appears to retain cultural deposition (see map accompanying the site report for relationships mentioned.) This area of cultural deposition was flagged by the Division of Conservation Archaeology representative in the field, and there will be no danger of disturbance to the site if the flagged area is avoided. The access road, which heads east approximately 150 meters from the new location to a previously existing unpaved road, was found to be void of any evidence of cultural remains.

Recommendations

The well pads and tie-in lines for E.P.N.G. Pinon Mesa #A-2, #B-2, #C-2 and #C-3 are recommended for immediate archaeological clearance. The access road for E.P.N.G. Pinon Mesa #C-2 is also recommended for immediate archaeological clearance. The original (orthodox) site for E.P.N.G. Pinon Mesa #D-2 is not recommended. The revised site for E.P.N.G. Pinon Mesa #D-2 is recommended with qualification.

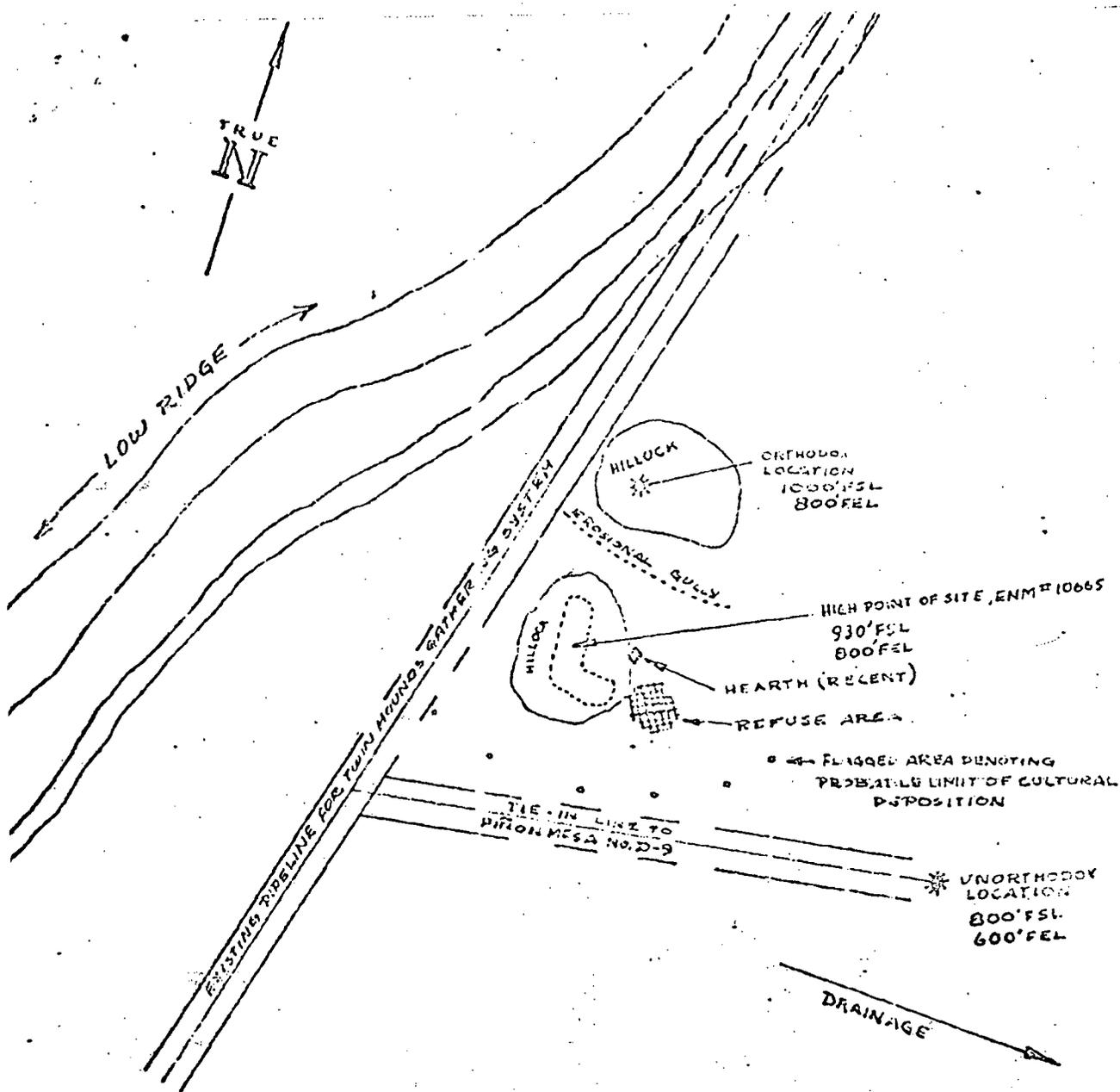
The new locations for the well pad, access road, and tie-in line for E.P.N.G. Pinon Mesa #D-2 will not subject the site ENM #10665 to any primary impact as long as the flagged area is kept intact. Secondary impact will not be increased, as there is a previously existing road accompanying the Twin Mounds Gathering System pipeline which already passes directly along the western edge of the ruin. It is felt that the construction of this well, its access road and tie-in line will not further expose this site to secondary disturbance. It is however, an intact site representing a transitional period in the Pueblo III culture, and as such the Ute Mountain Tribe may wish to have it fenced to prevent loss of any of the valuable information stored within. For E.P.N.G. Pinon Mesa #D-2, it is recommended that the new location, its access road, and tie-in line be granted archaeological clearance with the qualification that an archaeologist be present during their construction. It is possible, due to their proximity to the remains of a sedentary culture, that special activity areas or water control devices may be uncovered during construction. These things can not be predicted, but should they be found, they must be mapped, excavated, and collected in the proper manner consistent with archaeological ethics.

| <u>Location Name</u> | <u>Location</u> | <u>Clearance Status</u> |
|---|---|-------------------------|
| E.P.N.G. Pinon Mesa #A-2 (Well pad & Tie-in Line) | Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of Section 36, Township 31 North, Range 14 West, Ute Mountain Indian Reservation. Map Source: U.S.G.S. 7.5 Minute Purgatory Canyon Quadrangle | Recommended |
| E.P.N.G. Pinon Mesa #B-2 (Well pad & Tie-in Line) | Southeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 25, Township 31 North, Range 14 West, Ute Mountain Indian Reservation. Map Source: U.S.G.S. 7.5 Minute Purgatory Canyon Quadrangle | Recommended |
| E.P.N.G. Pinon Mesa #C-2 (Well pad, Tie-in Line, & Access Road) | Northeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 24, Township 31 North, Range 14 West, Ute Mountain Indian Reservation. Map Source: U.S.G.S. 7.5 Minute Purgatory Canyon Quadrangle | Recommended |
| E.P.N.G. Pinon Mesa #C-3 (Well pad & Tie-in Line) | Southeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 23, Township 31 North, Range 14 West, Ute Mountain Indian Reservation. Map Source: U.S.G.S. 7.5 Minute Purgatory Canyon Quadrangle | Recommended |
| <u>E.P.N.G. Pinon Mesa #D-2</u> (Orthodox) | 1000 feet from the south line, 800 feet from the east line, Southeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 13, Township 31 North, Range 14 West, Ute Mountain Indian Reservation. Map Source: U.S.G.S. 7.5 Minute Purgatory Canyon Quadrangle | <u>Not Recommended</u> |

E.P.N.G. Pinon Mesa #D-2
(Revised)
(Well pad, Tie-in Line,
& Access Road)

800 feet from the south
line, 600 feet from the
east line, Southeast $\frac{1}{4}$
of the Southeast $\frac{1}{2}$ of
Section 13, Township 31
North, Range 14 West, Ute
Mountain Indian Reservation.
Map Source: U.S.G.S.
7.5 Minute Purgatory
Canyon Quadrangle

Recommended with
Qualification



SKETCH OF SITE ENM #10665, NOT TO SCALE

FEATURES

HEARTH: Presence of tin can. dates it to recent times, consistency and depth denote limited usage. Probably a shepherd's. no associated artifacts outside periphery of hearth.

REFUSE AREA: Marked by a high concentration of lithic and ceramic artifacts. Appears to be totally intact. Lithic content: Tools as well as debitage. Ceramics: Approximate even representation of corrugated and painted wares.

OIL CONSERVATION COMMISSION
Cuyler DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE Feb 2, 1976

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

Gentlemen:

I have examined the application dated Jan 26, 1976
for the El Paso Natural Gas Co. Agent Mesa D #2 P-13-31N-14W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Al Kendrick

RECEIVED
FEB -4 1976
OIL CONSERVATION COMM.
Santa Fe