

DATE IN 9.15.04	SUSPENSE	ENGINEER Jones	LOGGED IN 9.15.04	TYPE DHC	APP NO. Psem 0425947825
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

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

[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

Sr. Regulatory Specialist

Title

9/9/04

Date

pclugston@br-inc.com
e-mail Address

2004 SEP 15 AM 11 57

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
X Single Well
____ Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes ____ No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company LP P.O.Box 4289 Farmington, NM 87499
Operator Address
PINON MESA A 1 Unit A, Sec. 36, T31N, R14W San Juan
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No: 14538 Property Code 7392 API No. 30-045-21604 Lease Type: X Federal ____ State ____ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT BASIN MANCOS		BASIN DAKOTA
Pool Code	97232		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	WILL BE SUPPLIED UPON COMPLETION		6198-6274'
Method of Production (Flowing or Artificial Lift)	NEW ZONE		FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Original – 2621.9 Current – 932.7 From Stull #2 offset (see attachment)		Original – 2268.8 Current – 950.7 From Stull #2 Offset (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1034 From Stull #2 offset		BTU 1034 From Stull #2 offset
Producing, Shut-In or New Zone	NEW ZONE		SHUT-IN
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: see attachment	Date: Rates:	Date: 07/31/04 Rates: 319.79 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 81% 81%	Oil Gas % %	Oil Gas 19% 19%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No ____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ____ No X
Are all produced fluids from all commingled zones compatible with each other? Yes X No ____
Will commingling decrease the value of production? Yes ____ No X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application? Yes X No ____
NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data

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

SIGNATURE Leonard Biemer TITLE Reservoir Engineer DATE 9/9/04
TYPE OR PRINT NAME Leonard Biemer TELEPHONE NO. (505) 326-9700
E-MAIL ADDRESS lbiermer@br-inc.com

Pinon Mesa A #1 (Stull #2 Offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

Gallup		Dakota	
<u>GP-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	<u>0.611</u>	GAS GRAVITY	<u>0.611</u>
COND. OR MISC. (C/M)	<u>C</u>	COND. OR MISC. (C/M)	<u>C</u>
%N2	<u>0.0013</u>	%N2	<u>0.00</u>
%CO2	<u>0.0264</u>	%CO2	<u>0.0264</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>4.5</u>	DIAMETER (IN)	<u>2.375</u>
DEPTH (FT)	<u>5448</u>	DEPTH (FT)	<u>6236</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>161.29</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>153.96</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>825</u>	SURFACE PRESSURE (PSIA)	<u>825</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>932.7</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>950.7</u>
<u>GP-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	<u>0.596</u>	GAS GRAVITY	<u>0.596</u>
COND. OR MISC. (C/M)	<u>C</u>	COND. OR MISC. (C/M)	<u>C</u>
%N2	<u>0.0017</u>	%N2	<u>0.00</u>
%CO2	<u>0.0408</u>	%CO2	<u>0.0408</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>4.5</u>	DIAMETER (IN)	<u>2.375</u>
DEPTH (FT)	<u>5448</u>	DEPTH (FT)	<u>6236</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>161.29</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>153.96</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>2300</u>	SURFACE PRESSURE (PSIA)	<u>1950</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>2621.9</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>2268.8</u>

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

Distribution:
Regulatory
Accounting
Well File

Original: August 1, 2003

Status
PRELIMINARY ☒
FINAL ☐

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLE ☐

Date: 9/7/2004

API No.
30-045-21604

Well Name

PINON MESA A

Well No.
#1

Unit Letter
A

Section
36

Township
T31N

Range
R14W

Footage
1000' FNL & 1180' FEL

County, State
San Juan County, New Mexico

Completion Date

3/21/1975

Test Method

HISTORICAL ☐ FIELD TEST ☐ PROJECTED ☒ OTHER ☐

FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
GALLUP	443 MMCF	81%		81%
DAKOTA	103 MMCF	19%		19%
	546			

JUSTIFICATION OF ALLOCATION: These percentages are based upon remaining reserves from the Gallup and remaining reserves from the existing Dakota. Oil percentages are based upon the gas allocation and are provided in the event this wellbore begins producing oil at some point in the future.

APPROVED BY	TITLE	DATE
X		
Leonard Biemer	Engineer	9/7/04
X		
Cherylene Charley	Engineering Tech.	9/7/04

STULL 2 83191101 (STULL 2) Data: Apr.2001-Jul.2004

DK

1000

100

Cal Day Gas1 - mcf/d

10

1

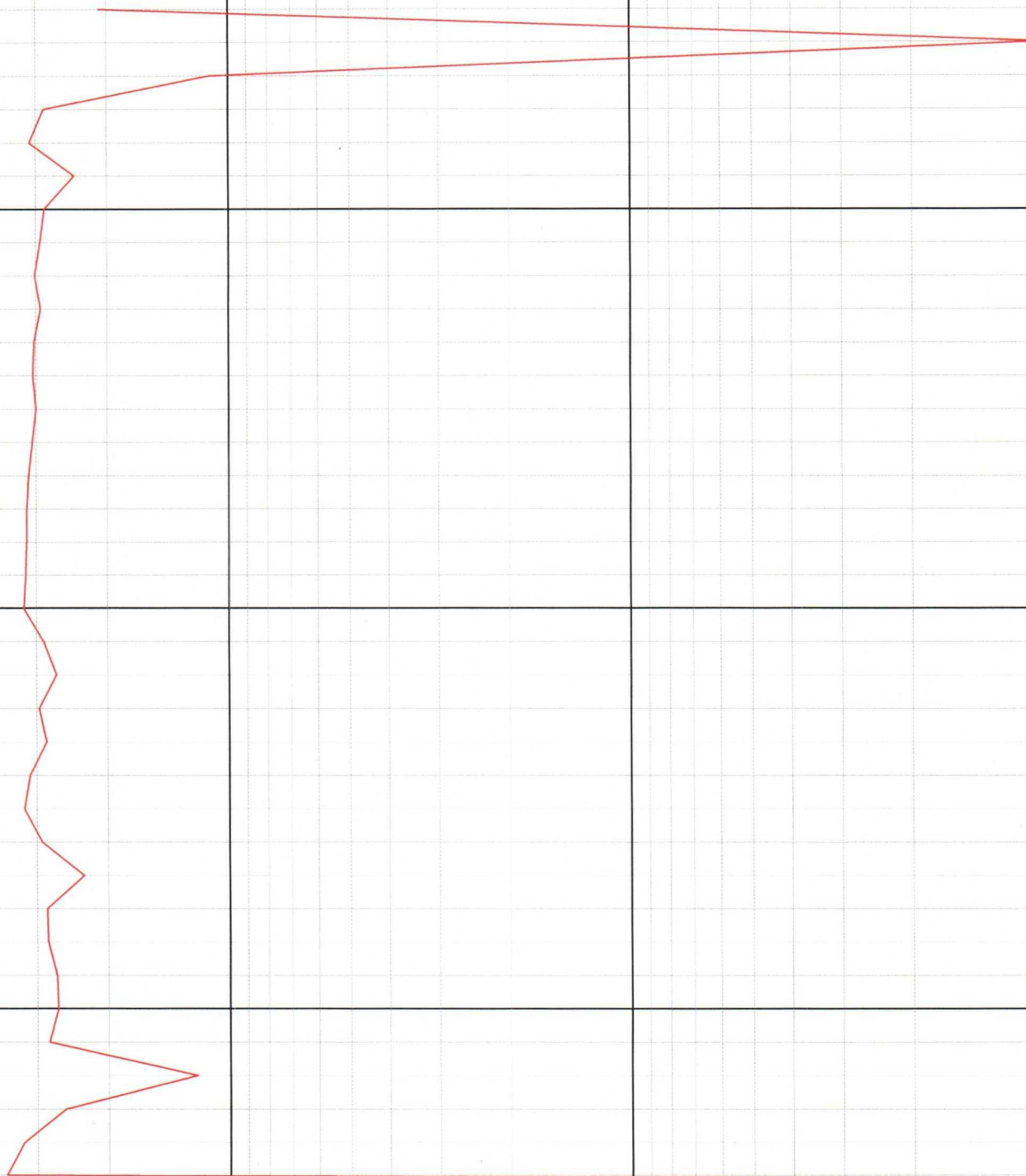
2001

2002

Year

2003

2004



STULL 2 83191102 (STULL 2 Gp) Data: Jul.2001-Jul.2004

6L

Cal Day Gas¹ - mcf/d

100

10

1

0.1

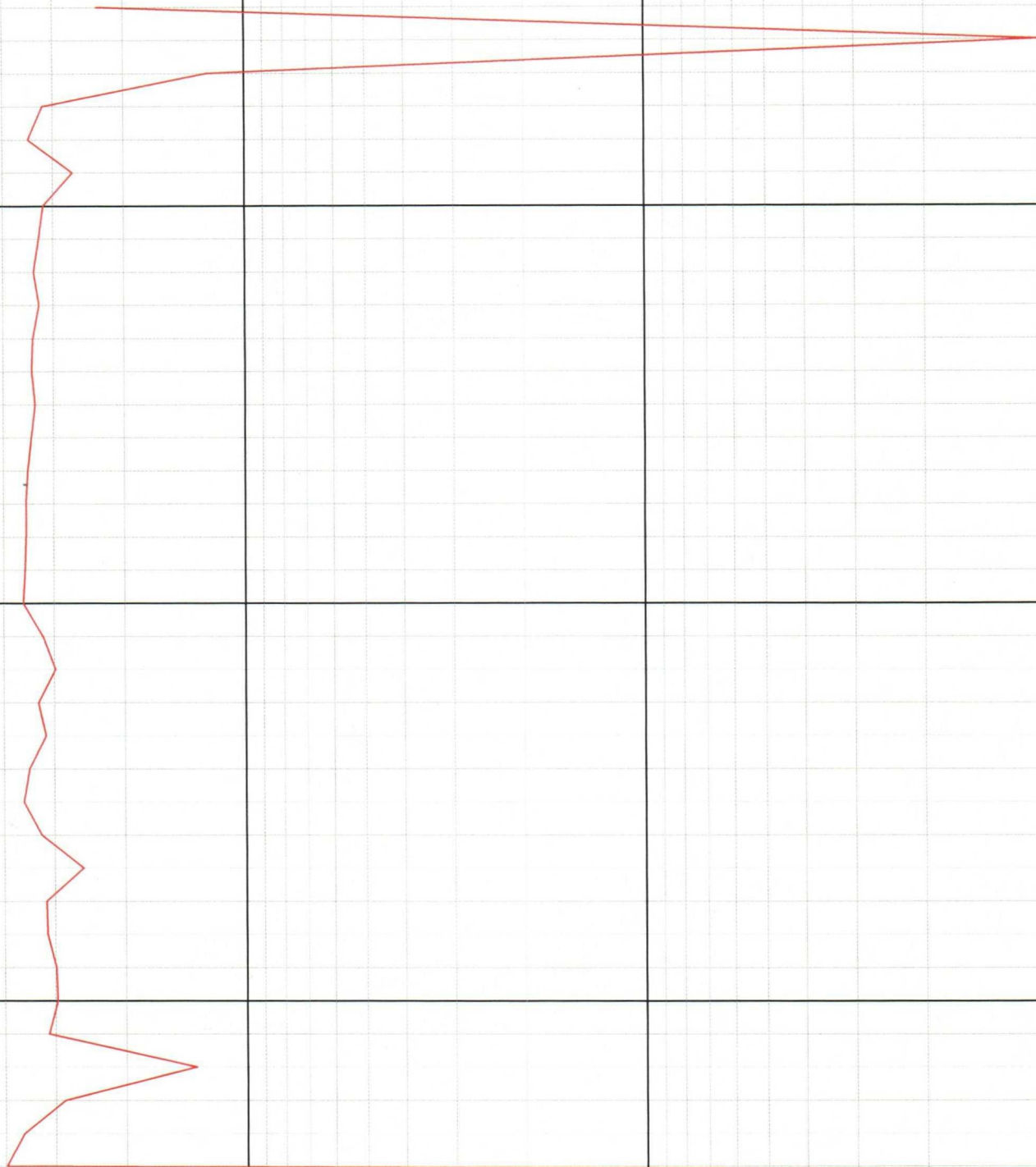
2001

2002

2003

2004

Year



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

Form C-102
Supersedes C-12
Effective 1-1-65

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

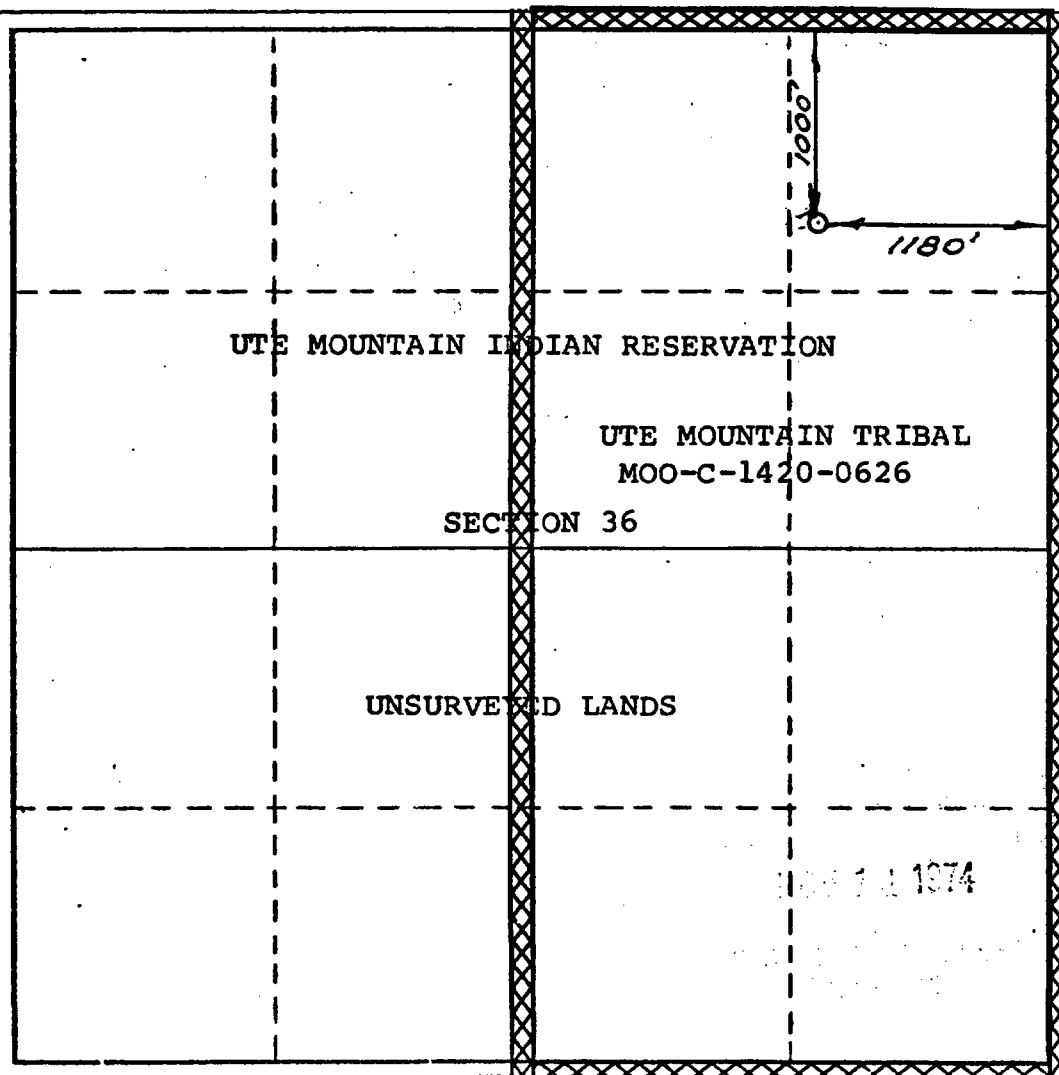
Operator EL PASO NATURAL GAS COMPANY		Lease PINON MESA (UTE MTN. TRIBAL MOO-C-1420-0626)		Well No. 1
Unit Letter A	Section 36	Township 31-N	Range 14-W	County SAN JUAN
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1000 feet from the NORTH line and 1180 feet from the EAST line </div>				
Ground Level Elev. 5685	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage: 328.50 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or washable 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.

A. B. Duane
Name
Drilling Clerk

Position
El Paso Natural Gas Company
Company

November 12, 1974
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
SEPTEMBER 25, 1974

Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No. _____

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV1220 S. St Francis Dr., Santa Fe, NM
87505

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 379

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-21604	Pool Name Wildcat Basin Mancos	Pool Code 97232
Property Code 7392	Property Name PINON MESA A	Well No. 001
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO	Elevation

Surface And Bottom Hole Location

UL or Lot A	Section 36	Township 31N	Range 14W	Lot Idn	Feet From 1000	N/S Line N	Feet From 1180	E/W Line E	County San Juan
Dedicated Acres 42.11		Joint or Infill		Consolidation Code		Order No.			

			□

OPERATOR CERTIFICATION

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

Signed By: *Frances Bond*

Title: Regulatory Specialist

Date: June 11, 2004

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: David O Vilven

Date of Survey: 09/25/2004

Certificate Number: 1760