

DATE IN 3/15/99	SUSPENSE 4/5/99	ENGINEER DC	LOGGED BY W	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 2040 South Pacheco, Santa Fe, NM 87505



2261

ADMINISTRATIVE APPLICATION COVERSHEET

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

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [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]

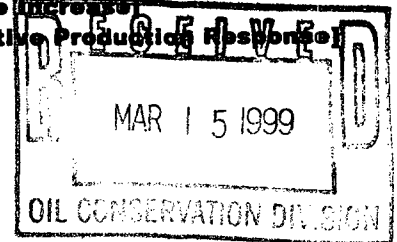
[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Directional Drilling
☐ NSL ☐ NSP ☐ DD ☐ 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



[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] **INFORMATION / DATA SUBMITTED IS COMPLETE - Certification**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

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

Print or Type Name

Signature

Title

Date

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
811 South First St., Artesia, NM 88210-2835
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
New 3-12-96

APPROVAL PROCESS :
☒ Administrative ☐ Hearing
EXISTING WELLBORE
☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas PO Box 4289, Farmington, NM 87499

Operator Oxnard	Well No. #3A	Address P-8-31N-8W	County San Juan
Lease			
Spacing Unit Lease Types: (check 1 or more)			
OGRID NO. <u>14538</u>	Property Code <u>7375</u>	API NO. <u>30-045-24411</u>	Federal <input checked="" type="checkbox"/> , State <input type="checkbox"/> , Fee <input type="checkbox"/>

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Mesaverde - 72319		Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	5469'-5933'		7977'-8077'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Current) a. 188 psi (see attachment) (Original) b. 1423 psi (see attachment)		a. 612 psi (see attachment) b. 1244 psi (see attachment)
6. Oil Gravity (°API) or Gas BTU Content	BTU 1024		BTU 1024
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In 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:		Date: N/A Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: 1/31/99 Rates: 93 mcfd		Date: 1/31/99 Rates: 8
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Will be supplied upon completion.		Will be supplied upon completion.

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☐ Yes ☒ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____
16. 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.
* Notification list of all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Mary Ellen Lutey TITLE Production Engineer DATE 3/9/99
TYPE OR PRINT NAME Mary Ellen Lutey TELEPHONE NO. (505) 326-9700

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

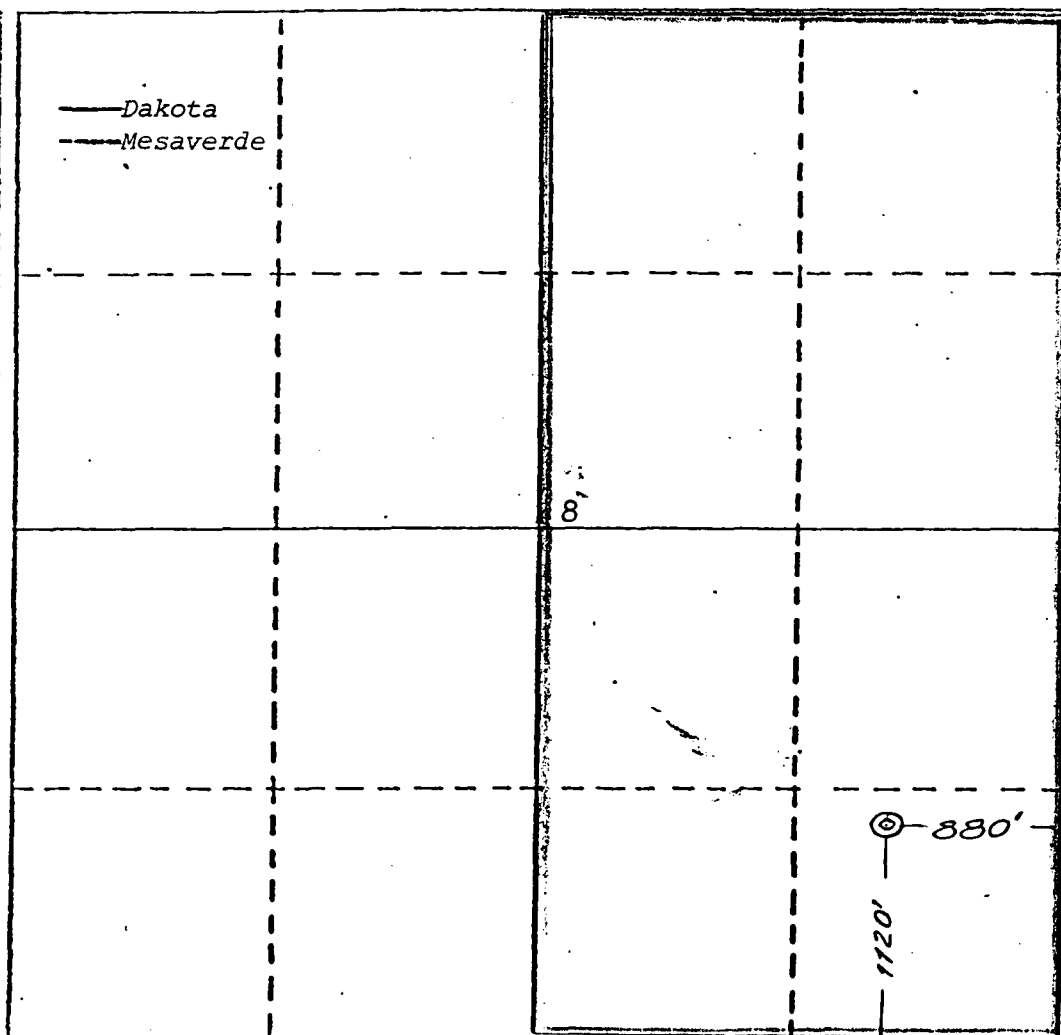
Operator SUPRON ENERGY CORPORATION			Lease OXNARD		Well No. 3- A
Unit Letter P	Section 8	Township 31 NORTH	Range 8 WEST, N.M.P.M.,	County SAN JUAN	
Actual Footage Location of Well: 1120 feet from the SOUTH line and 880 feet from the EAST line					
Ground Level Elev. 6546	Producing Formation Dakota Mesaverde		Pool Basin Blanco	Dedicated Acreage 320.00 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.

Ludy D. Mott
Name

Area Superintendent

Position

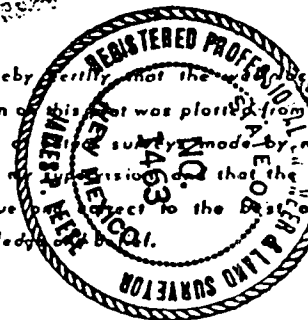
Supron Energy Corporation

Company

March 19, 1980

Date

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



Date Surveyed

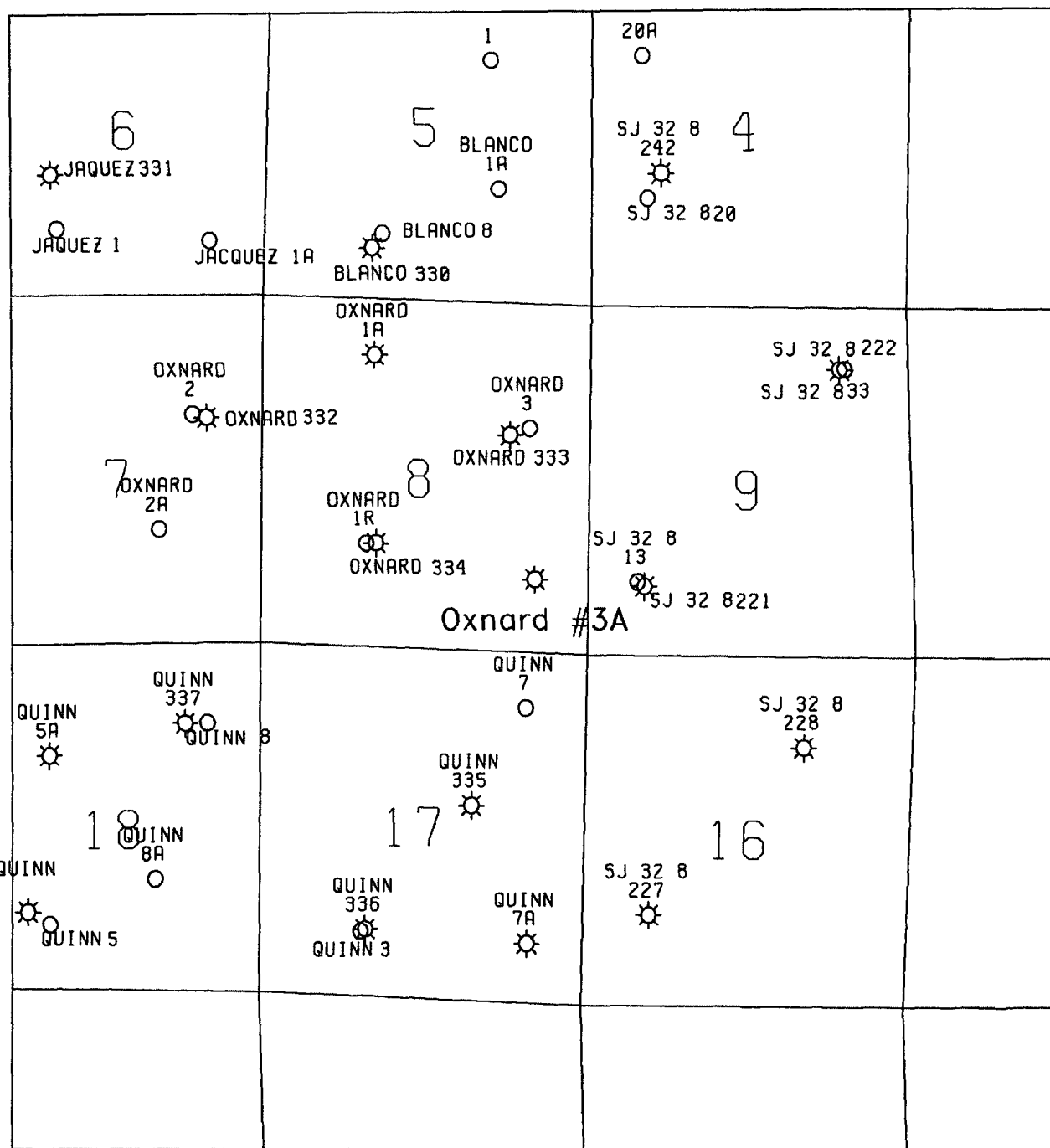
MARCH 7, 1980

Registered Professional Engineer
and/or Land Surveyor

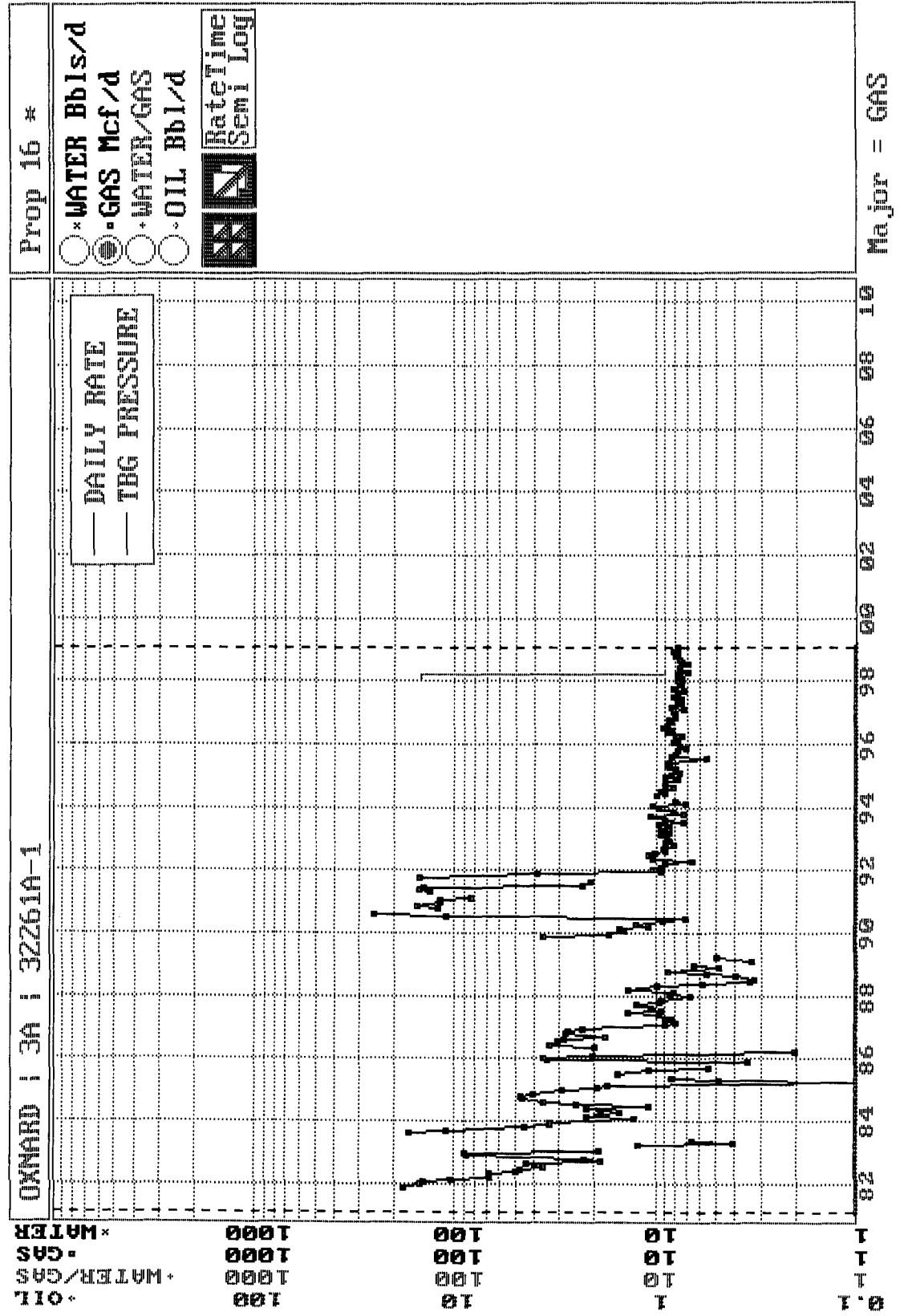
James P. Lee
James P. Lee

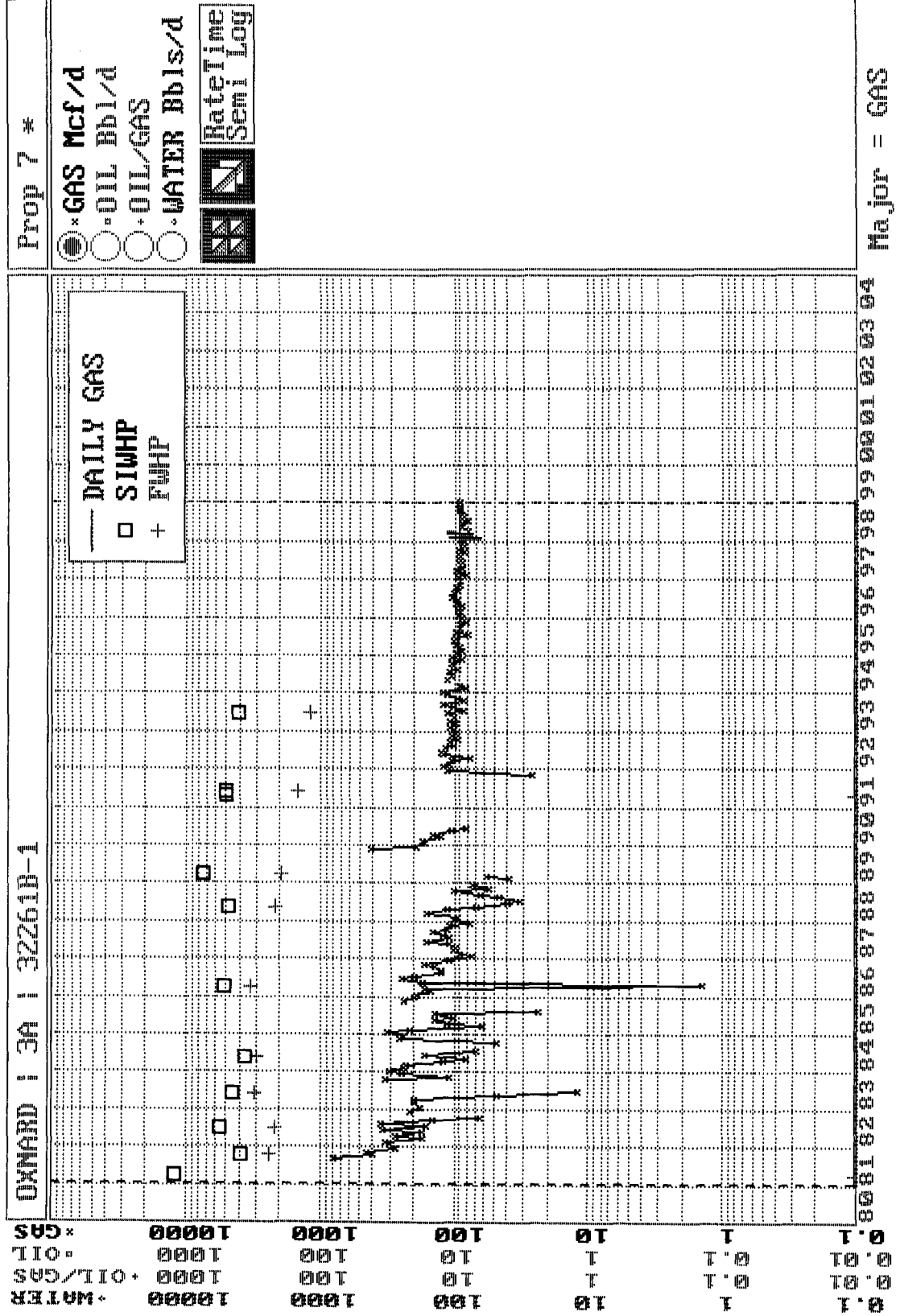
Certificate No.

1463



Oxnard #3A
Sec. 8 T31N R8W
MV/DK





Oxnard #3A
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

Mesaverde		Dakota	
<u>MV-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	<u>0.607</u>	GAS GRAVITY	<u>0.607</u>
COND. OR MISC. (C/M)	<u>M</u>	COND. OR MISC. (C/M)	<u>M</u>
%N2	<u>0.12</u>	%N2	<u>0.12</u>
%CO2	<u>2.01</u>	%CO2	<u>2.01</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>5.5</u>	DIAMETER (IN)	<u>2.0625</u>
DEPTH (FT)	<u>5701</u>	DEPTH (FT)	<u>8027</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>145</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>180</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>167</u>	SURFACE PRESSURE (PSIA)	<u>517</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>187.9</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>611.9</u>
<u>MV-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	<u>0.607</u>	GAS GRAVITY	<u>0.607</u>
COND. OR MISC. (C/M)	<u>M</u>	COND. OR MISC. (C/M)	<u>M</u>
%N2	<u>0.12</u>	%N2	<u>0.12</u>
%CO2	<u>2.01</u>	%CO2	<u>2.01</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>5.5</u>	DIAMETER (IN)	<u>2.0625</u>
DEPTH (FT)	<u>5701</u>	DEPTH (FT)	<u>8027</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>145</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>180</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>1244</u>	SURFACE PRESSURE (PSIA)	<u>1041</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>1423.4</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>1244.2</u>

mv

Page No.: 7
 Print Time: Tue Feb 09 08:26:03 1999
 Property ID: 7
 Property Name: OXNARD | 3A | 32261B-1
 Table Name: S:\KGRAHAM\1999COMM\TEST.DBF

<u>--DATE--</u>	<u>--CUM OIL--</u> Bbl	<u>---CUM GAS---</u> Mcf	<u>M SIWHP</u> Psi	
03/28/81		0	1232.0	original
10/17/81		36549	401.0	
06/24/82		107026	572.0	
06/07/83		154873	457.0	
05/22/84		205523	374.0	
04/01/86		292166	527.0	
05/17/88		387715	497.0	
03/20/89		403225	760.0	
04/17/91		446474	498.0	
06/03/91		446474	510.0	
07/02/93		511519	403.0	
03/01/99		688840	155	current estimated from P/Z data

DK

Page No.: 15
Print Time: Tue Feb 09 08:26:04 1999
Property ID: 16
Property Name: OXNARD | 3A | 32261A-1
Table Name: S:\KGRAHAM\1999COMM\TEST.DBF

<u>--DATE--</u>	<u>--CUM OIL--</u>	<u>---CUM GAS---</u>	<u>M SIWHP</u>
	Bbl	Mcf	Psi

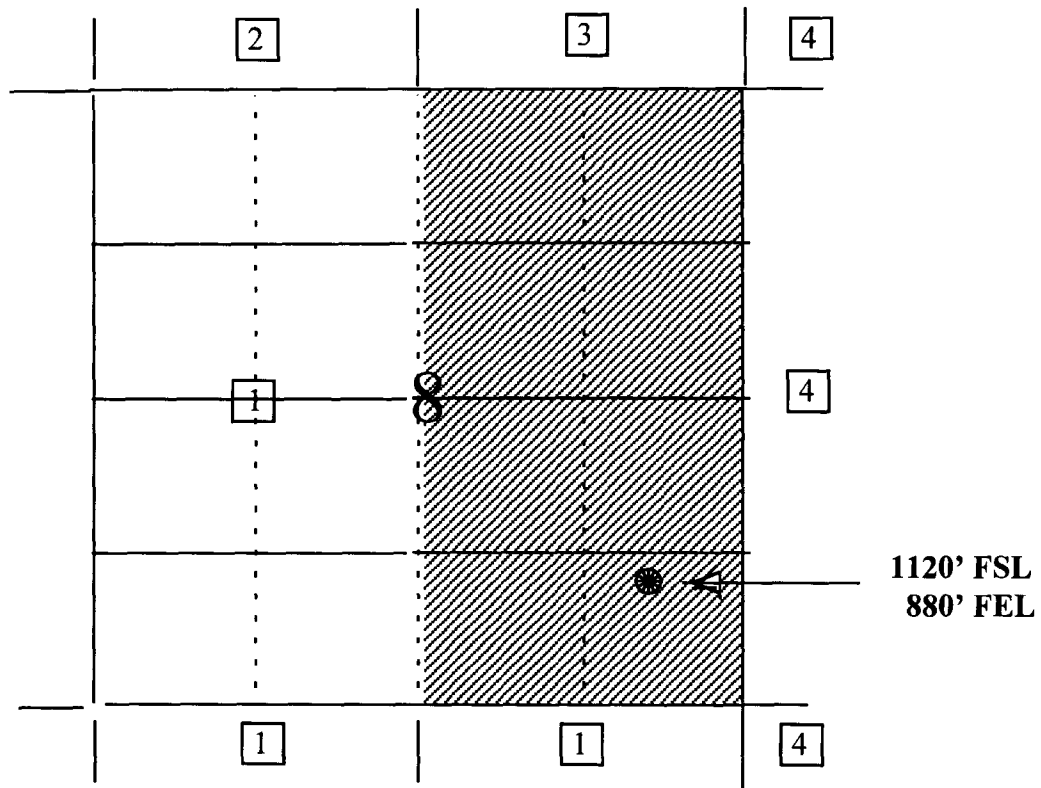
10/17/81		0	1029.0 original
06/24/82		24802	628.0
06/15/83		35212	972.0
05/17/88		74082	497.0
03/20/89		75442	760.0
03/01/99		149738	505 current estimated from P/Z data

BURLINGTON RESOURCES OIL AND GAS COMPANY

**Oxnard #3A
OFFSET OPERATOR \ OWNER PLAT
Downhole Commingle**

Mesaverde / Dakota Formations Well

Township 31 North, Range 8 West



1) Burlington Resources

2) Four Star Oil & Gas Company
c/o Texaco Exploration & Production Inc.
ATTN: Rocky D. Holly
Post Office Box 2100
Denver, CO 80201

3) Vastar Resources
Attn: Michael Rodgers
15375 Memorial Drive
Houston, TX 77069

4) Phillips Petroleum Company
Attn: Mr. Scott Prather
5525 Hwy. 64, NBU 3004
Farmington, NM 87401

Oxnard #3H

Vastar Resources Inc.
Land Administration Department
PO Box 201690
Houston, TX 772161690

Douglas Cameron Mcleod
Betty A Pennington-AIF
518 17th St. Ste 1455
Denver, CO 80202

John W. Houston
1501 3rd Ave.
Picayune, MS 39466

Melodie Giger Toohey
3800 Flora Pl.
St. Louis, MO 63110

W. E. Cooper
1301 CR 406
Taylor, TX 765749610

Union Oil Co. Of California
Attn: Revenue Accounting
PO Box 841055
Dallas, TX 752841055

A W Rutter Jr., Alan G. Engberg &
Robert E. Barrie Trustees
Dorothy T. Rutter Trust
U/W/O Dorothy Tripp Rutter
PO Box 3186
Midland, TX 79702

John C. Dawson Jr. & Robbin R. Dawson
Co-Trustees of the Dawson Family Trust
PO Box 1507
Panhandle, TX 790681507

A W Rutter Jr., Alan G. Engberg &
Charles F. Kalteyer Trustees
A William Rutter Trust
U/W/O A William Rutter Decd.
PO Box 3186
Midland, TX 79702

Rosemary Warner Hall
7736 E. 30th Pl.
Tulsa, OK 74129

Barbara Evans
PO Box 582
Palacios, TX 774650582

Harold Richard Cooper
9013 Forest Dr.
Fairview Heights, IL 622081010

~~Minerals Management Service
Royalty Management Program
PO Box 5810
Denver, CO 802175810~~

Oxnard #3H

