

DATE IN 9/1/98	SUSPENSE 9/21/98	ENGINEER DC	LOGGED BY MW	TYPE DHC
----------------	------------------	-------------	--------------	----------

ABOVE THIS LINE FOR DIVISION USE ONLY

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



2110

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:

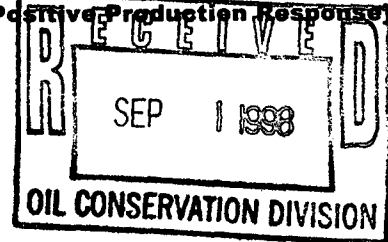
[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [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 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS :

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

BURLINGTON RESOURCES OIL & GAS COMPANY
OperatorPO Box 4289, Farmington, NM 87499
Address

San Juan 27-4 Unit

101

G, Sec. 28, T27N, R04W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7452 API NO. 30-039-2087400 Federal ☒ , State , (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesa Verde-72319		Basin Dakota-71599
2. Top and Bottom of Pay Section (Perforations)	5662' - 6493'		8168' - 8379'
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. 438 psia @ 6078' (Original) b. 1358 psia @ 6078'	a. b.	a. psia @ 8274' b. @ 8274'
6. Oil Gravity (°API) or Gas BTU Content	1176 Btu		1220 Btu
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: Rates:	Date: Rates:	Date: Rates:
* If Producing, give data and oil/gas/water of recent test (within 60 days)	Date: 7/98 Rates: 189 MCFD, 0.6 BOD, 0.5 BWD	Date: Rates:	Date: 7/98 Rates: 138 MCFD, 0.9 BOD, 1.5 BWD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: Gas: Will supply after commingling	Oil: Gas: Will supply after commingling	Oil: Gas: Will supply after commingling

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 ☐ No11. 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 ☐ No13. 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 Kevin L. Midkiff TITLE Operations Engineer DATE 08-31-98TYPE OR PRINT NAME Kevin L. Midkiff TELEPHONE NO. (505) 326-9700

MEXICO OIL CONSERVATION COMMISS
WE' LOCATION AND ACREAGE DEDICATIO PLAT

Form C-102
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 San Juan 27-4 Unit (SF-080675)		Well No. 101
Section G	Section 28	Township 27N	Range 1W	County Rio Arriba	

Actual Footage Location of Well:

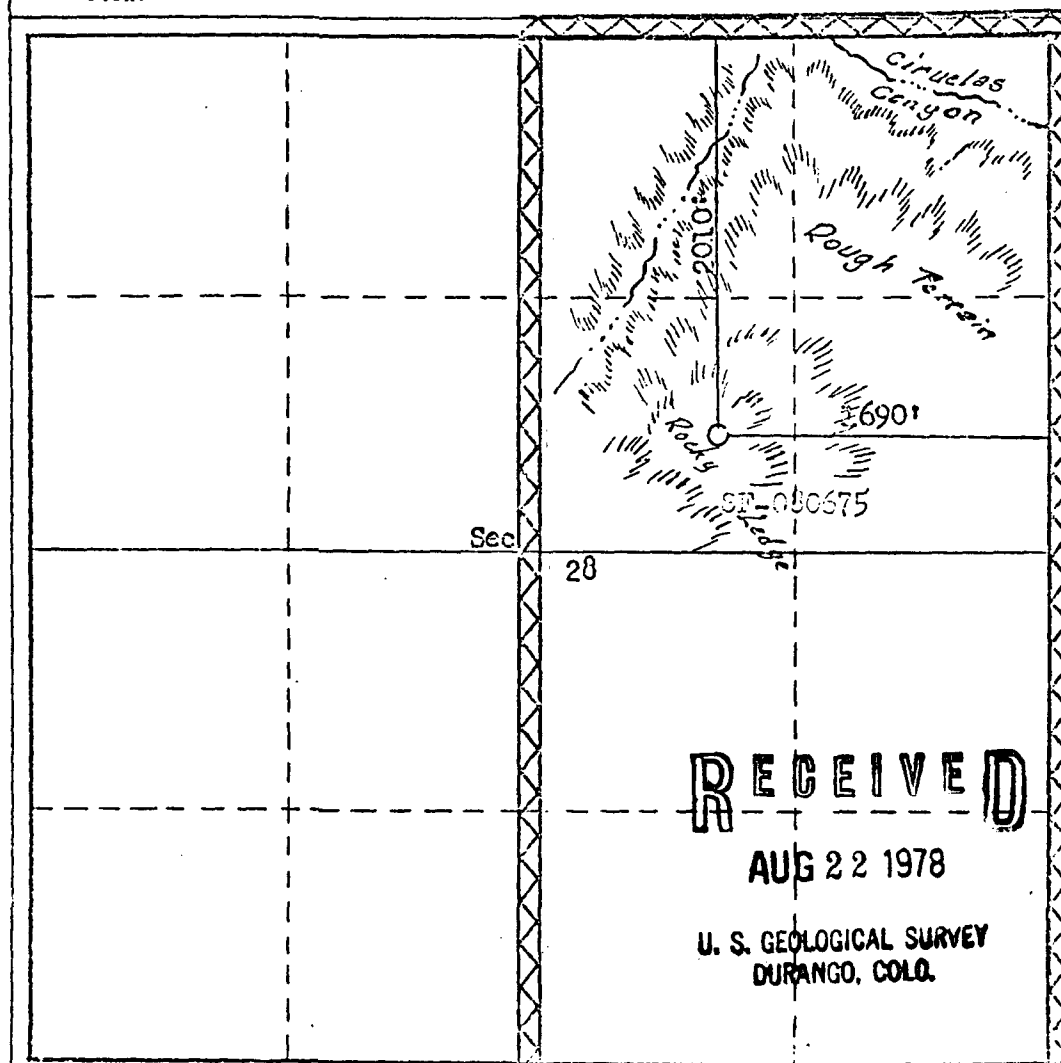
2010	feet from the	North	line and	1690	feet from the	East	line
Ground Level Elev: 7101	Producing Formation Dakota & Mesa Verde		Pool Basin Dakota & Blanco Mesa Verde		Dedicated Acreage: 320.00 & 320.00 acres		

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 IS REISSUED TO SHOW DUAL DEDICATION. 6-29-78



CERTIFICATION

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

[Signature]
Name

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

August 18, 1978

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

October 15, 1973

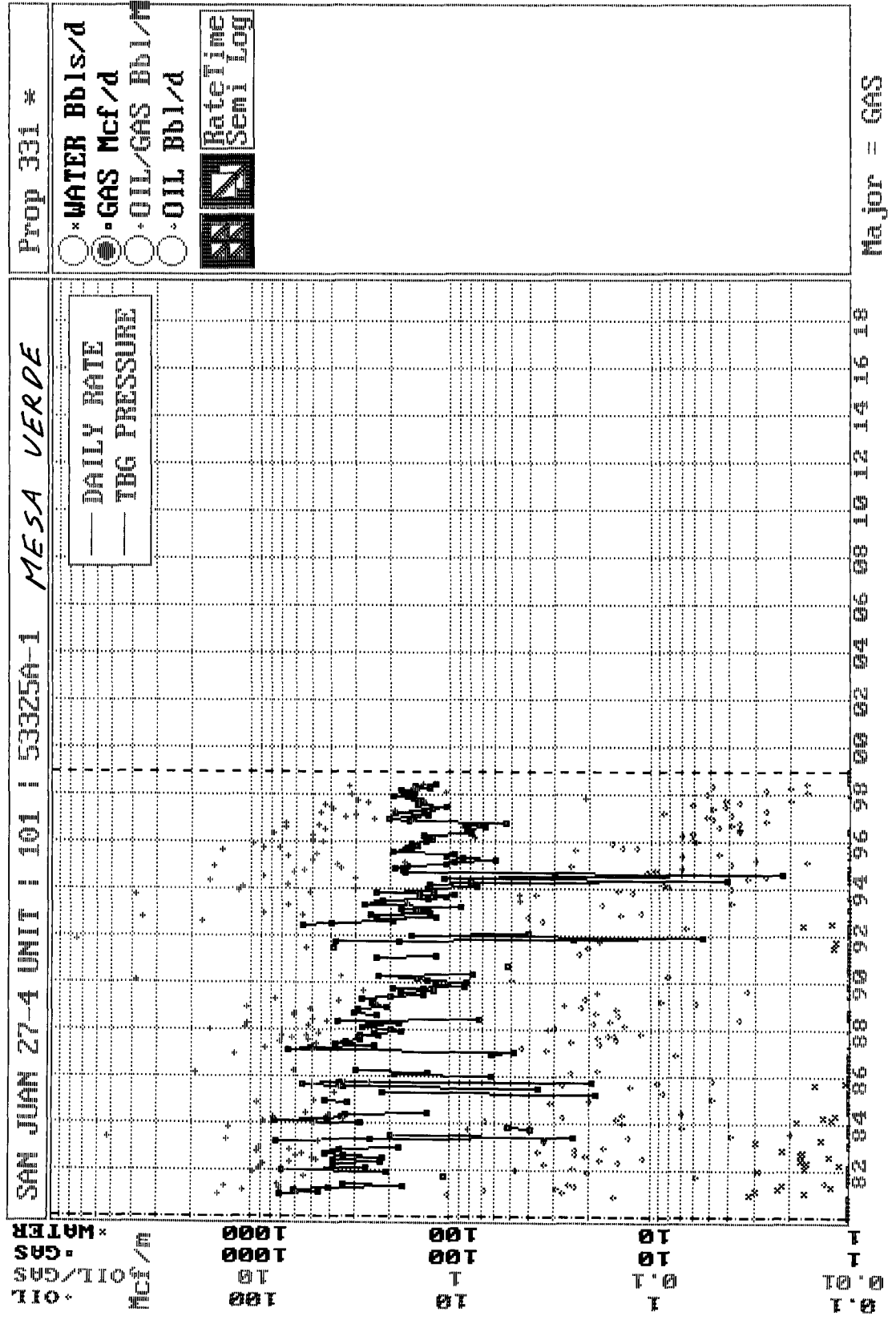
Registered Professional Engineer and/or Land Surveyor

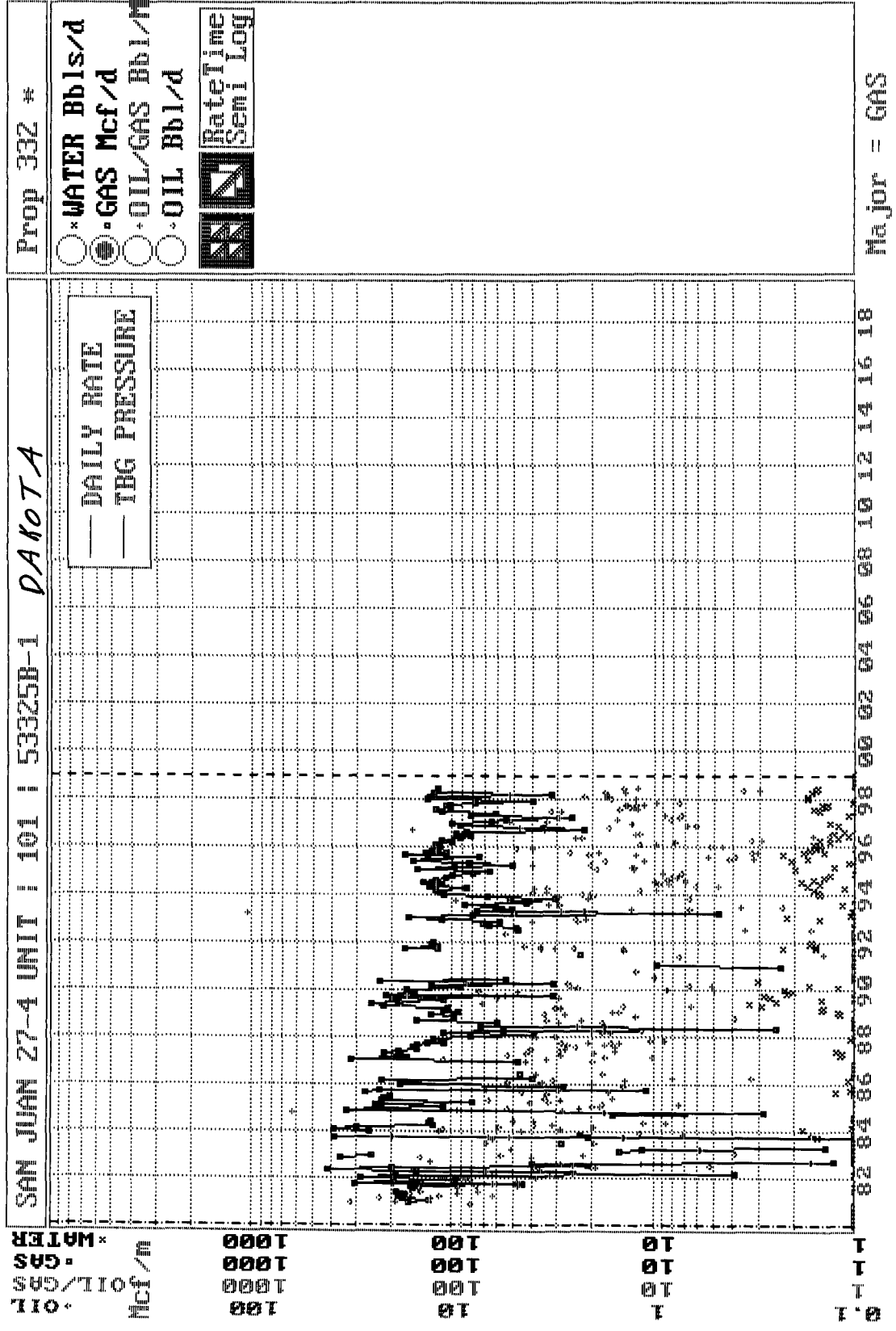
[Signature]
Fred B. Kiser

Certificate No.

3950

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





Page No.: 1

Print Time: Mon Aug 17 13:01:07 1998

Property ID: 332

DAKOTA

Property Name: SAN JUAN 27-4 UNIT | 101 | 53325B-1

Table Name: S:\ARIES\KLMWORK\TEST.DBF

--DATE--	---CUM GAS--	M SIWHP
	Mcf	Psi

07/24/80	0	1650.0	<i>Initial</i>
01/16/81	11678	1992.0	
11/03/81	57770	1253.0	
02/20/82	75322	1093.0	
09/26/83	133342	942.0	
05/20/85	219669	832.0	
10/16/88	342948	609.0	
05/29/90	422779	734.0	
6/30/98	648883	495	<i>psig Based on Pressure vs. Cumulative gas plot</i>

Page No.: 1

Print Time: Mon Aug 17 13:01:13 1998

Property ID: 331

MESA VERDE

Property Name: SAN JUAN 27-4 UNIT | 101 | 53325A-1

Table Name: S:\ARIES\KLMWORK\TEST.DBF

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

07/31/80	0	1130.0	<i>Initial</i>
----------	---	--------	----------------

01/16/81	46822	743.0	
----------	-------	-------	--

06/01/81	82696	493.0	
----------	-------	-------	--

11/03/82	205589	605.0	
----------	--------	-------	--

05/18/84	317540	584.0	
----------	--------	-------	--

04/17/86	413125	641.0	
----------	--------	-------	--

10/04/89	662018	565.0	
----------	--------	-------	--

06/17/91	712959	637.0	
----------	--------	-------	--

08/06/91	712959	649.0	
----------	--------	-------	--

12/04/93	854833	512.0	
----------	--------	-------	--

<i>6/30/98</i>	<i>1060365</i>	<i>365</i>	<i>psig Based on Pressure vs. Cumulative gas plot</i>
----------------	----------------	------------	---

San Juan 27-4 Unit No. 101
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Mesa Verde		Dakota	
<u>MV - Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.689	GAS GRAVITY	0.691
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.14	%N2	0.14
%CO2	0.98	%CO2	0.96
%H2S	0	%H2S	0
DIAMETER (IN)	6.366	DIAMETER (IN)	4
DEPTH (FT)	6078	DEPTH (FT)	8274
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	140	BOTTOMHOLE TEMPERATURE (DEG F)	169
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	377	SURFACE PRESSURE (PSIA)	507
BOTTOMHOLE PRESSURE (PSIA)	438.2	BOTTOMHOLE PRESSURE (PSIA)	622.0
<u>MV - Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.689	GAS GRAVITY	0.691
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.14	%N2	0.14
%CO2	0.98	%CO2	0.96
%H2S	0	%H2S	0
DIAMETER (IN)	6.366	DIAMETER (IN)	4
DEPTH (FT)	6078	DEPTH (FT)	8274
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	140	BOTTOMHOLE TEMPERATURE (DEG F)	169
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1142	SURFACE PRESSURE (PSIA)	1662
BOTTOMHOLE PRESSURE (PSIA)	1357.5	BOTTOMHOLE PRESSURE (PSIA)	2115.6

Package Preparation Volume Data

DPNo: 53325A SAN JUAN 27-4 UNIT 101 Form: MV

Supt: 60 KEN RAYBON **FF:** 339 WARD ARNOLD **MS:** 302 MIKE SMITH
Pipeline: WFS **Plunger:** No **Dual:** Yes **Compressor:** No

<u>Ownership (No Trust)</u>			<u>Prior Year</u>			<u>Current Year</u>			
	<u>Gas</u>	<u>Oil</u>			<u>Days</u>			<u>Days</u>	
				<u>MCF/M</u>	<u>BOPM</u>	<u>On</u>	<u>MCF/M</u>	<u>BOPM</u>	<u>On</u>
GW:	84.6561%	82.0926%	Jan	4,655	16.0	31	4,995	16.0	31
GN:	69.9695%	67.8546%	Feb	3,881	12.0	28	4,605	5.0	28
			Mar	5,734	26.0	31	5,320	8.0	31
			Apr	4,056	8.0	30	3,844	6.0	24.9
			May	3,712	15.0	29.8	4,577	15.0	26.9
			Jun	3,132	13.0	27.1	3,504	5.0	30
			Jul	4,360	19.0	31	0	0.0	31
			Aug	4,121	11.0	31	0	0.0	0
			Sept	4,282	6.0	30	0	0.0	0
			Oct	4,385	13.0	25.9	0	0.0	0
			Nov	4,671	1.0	30	0	0.0	0
			Dec	5,970	0.0	31	0	0.0	0
			Total	52,959	140.0		26,845	55.0	
<u>Volumes</u>									
<u>(Days On)</u>	<u>MCFD</u>	<u>BOPD</u>							
7 Day Avg	148	5.8							
30 Day Avg	189	0.6							
60 Day Avg	153	0.4							
3 Mo Avg	146	0.3							
6 Mo Avg	156	0.3							
12 MoAvg	156	0.3							
<u>Volumes</u>									
<u>(Days in Month)</u>	<u>MCFD</u>	<u>BOPD</u>							
30 Day Avg	189	0.6							
60 Day Avg	153	0.4							
3 Mo Avg	131	0.3							
6 Mo Avg	147	0.3							
12 Mo Avg	150	0.3							

Print Form

Exit Volumes Data

8/17/1998

Package Preparation Volume Data

BP No: 53325B

SAN JUAN 27-4 UNIT

101

Form: DK

Supt: 60 KEN RAYBON

FF: 339 WARD ARNOLD

MS: 302 MIKE SMITH

Pipeline: WFS

Plunger: Yes

Dual: Yes

Compressor: No

Ownership (No Trust)			Prior Year			Current Year		
	Gas	Oil			Days			Days
				MCF/M	BOPM	On	MCF/M	BOPM
								On
GWI:	83.0240%	83.0240%	Jan	1,681	103.0	31	3,786	50.0
GNI:	68.5551%	68.5551%	Feb	1,380	25.0	28	3,716	68.0
			Mar	453	23.0	31	663	52.0
			Apr	2,192	22.0	30	3,569	53.0
			May	1,594	0.0	29.8	3,447	11.0
			Jun	3,202	99.0	26.1	3,334	43.0
			Jul	3,467	45.0	30.9	0	0.0
			Aug	2,906	40.0	31	0	0.0
			Sept	3,052	37.0	30	0	0.0
			Oct	2,895	42.0	26.9	0	0.0
			Nov	2,066	23.0	30	0	0.0
			Dec	914	0.0	31	0	0.0
			Total	25,802	459.0		18,515	277.0
Volumes								
(Days On)	MCFD	BOPD						
7 Day Avg	120	8.9						
30 Day Avg	138	0.9						
60 Day Avg	125	1.2						
3 Mo Avg	124	1.3						
6 Mo Avg	107	1.6						
12 Mo Avg	96	1.3						
Volumes								
(Days in Month)	MCFD	BOPD						
30 Day Avg	138	0.9						
60 Day Avg	125	1.2						
3 Mo Avg	114	1.2						
6 Mo Avg	101	1.5						
12 Mo Avg	93	1.3						

[Print Form](#)

[Exit Volumes Data](#)

8/17/1998

FARMINGTON

ANNUAL PRODUCTION FOR 53325A

PHS020M1

SAN JUAN 27-4 UNIT 101

BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE

===== OIL CUM =====

===== GAS CUM =====

===== WATER CUM =====

PC DATE

BBLs

PC DATE

MCF

DATE

BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1990	175	4515	22016	690299	68	2160
1991	192	4707	40704	731003	126	2286
1992	329	5036	63738	794741	198	2484
1993	265	5301	60092	854833	186	2670
1994	242	5543	38385	893218	100	2770
1995	258	5801	47189	940407	147	2917
1996	162	5963	38615	979022	120	3037
1997	140	6103	54015	1033037	169	3206
1998	55	6158	27328	1060365	85	3291

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION

ENTER - CONTINUES ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF6 - RETURN TO WELL-INFO DISPLAY

PF9 - ANNUAL INJECTION DISPLAY

PF10 - HELP INFORMATION

FARMINGTON

1998 MONTHLY PRODUCTION FOR 53325A

PHS030M1

SAN JUAN 27-4 UNIT 101

BLANCO MESAVERDE (PRORATED GAS FIELD

MESAVERDE ZONE

DAYS =====			OIL =====			=====			GAS =====					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F	31	02	16		01	5079	31	1186	15.025		16	
2	2	F	28	02	5		01	4679	28	1186	15.025		15	
3	2	F	31	02	8		01	5398	31	1186	15.025		17	
4	2	F	25	02	6		01	3915	25	1186	15.025		12	
5	2	F	27	02	15		01	4645	27	1186	15.025		14	
6	2	F	30	02	5		01	3612	30	1176	15.025		11	
7														
8														
9														
10														
11														
12														

PF6 - RETURNS TO ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0

PRS 08/05/98

FARMINGTON

ANNUAL PRODUCTION FOR 53325B

PHS020M1

SAN JUAN 27-4 UNIT 101

BASIN DAKOTA (PRORATED GAS) FIELD

DAKOTA ZONE

===== OIL CUM =====

===== GAS CUM =====

===== WATER CUM =====

PC DATE

BBLs

PC DATE

MCF

DATE

BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1990	267	14973	21609	427905	284	2429
1991	390	15363	17536	445441	230	2659
1992	319	15682	16109	461550	213	2872
1993	541	16223	23247	484797	306	3178
1994	506	16729	39607	524404	487	3665
1995	540	17269	43048	567452	565	4230
1996	410	17679	32211	599663	423	4653
1997	459	18138	29173	628836	384	5037
1998	277	18415	20047	648883	263	5300

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION

ENTER - CONTINUES ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF6 - RETURN TO WELL-INFO DISPLAY

PF9 - ANNUAL INJECTION DISPLAY

PF10 - HELP INFORMATION

FARMINGTON

1998 MONTHLY PRODUCTION FOR 53325B

PHS030M1

SAN JUAN 27-4 UNIT 101

BASIN DAKOTA (PRORATED GAS) FIELD

DAKOTA ZONE

MO	T	S	DAYS	ON	PC	OIL	PROD	GRV	PC	GAS	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F	31	02			50		01		4050	31	1221	15.025		53	
2	2	F	28	02			68		01		3948	28	1221	15.025		52	
3	2	F	31	02			52		01		988	31	1221	15.025		13	
4	2	F	27	02			53		01		3792	27	1221	15.025		50	
5	2	F	27	02			11		01		3673	27	1221	15.025		48	
6	2	F	30	02			43		01		3596	30	1221	15.025		47	
7																	
8																	
9																	
10																	
11																	
12																	

PF6 - RETURNS TO ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0

PRS 08/05/98

SAN JUAN 27-4 UNIT

PROP #	INT TYPE	NAME
MESAVERDE	GW	CINCO GENERAL PARTNERSHIP
MESAVERDE	NPI	BURLINGTON RESOURCES O&G CO
MESAVERDE	NWI	BEDROCK LIMITED PARTNERSHIP
MESAVERDE	NWI	BURLINGTON RESOURCES O&G CO
MESAVERDE	NWI	HARCO LTD PTSH
MESAVERDE	NWI	JAMES V HARRINGTON
MESAVERDE	NWI	MARY JONE CHAPPELL
MESAVERDE	NWI	ROMERO FAMILY LTD PARTNERSHIP
MESAVERDE	NWI	TEMPE LTD PARTNERSHIP
MESAVERDE	ORRI	AMALIA S SANCHEZ
MESAVERDE	ORRI	BEDROCK LIMITED PARTNERSHIP
MESAVERDE	ORRI	DEREK PETER VENEZIA
MESAVERDE	ORRI	EDNA E MORRELL LIVG TRUST
MESAVERDE	ORRI	ELEANOR G HAND
MESAVERDE	ORRI	GERALD F HARRINGTON
MESAVERDE	ORRI	HARCO LTD PTSH
MESAVERDE	ORRI	JAMES V HARRINGTON
MESAVERDE	ORRI	JOHN C MEADOWS
MESAVERDE	ORRI	JOSEPH R ABRAHAM
MESAVERDE	ORRI	LESLIE C TATUM
MESAVERDE	ORRI	LMA ROYALTIES LTD
MESAVERDE	ORRI	MANUEL A SANCHEZ TRUST
MESAVERDE	ORRI	MARY F ROBERTS
MESAVERDE	ORRI	MARY JO WELLS
MESAVERDE	ORRI	MARY JONE CHAPPELL
MESAVERDE	ORRI	MIKE C ABRAHAM TRUSTEE
MESAVERDE	ORRI	MISS M F ABRAHAM
MESAVERDE	ORRI	PATRICIA ANN ASHBURN
MESAVERDE	ORRI	PATRICIA P SCHIEFFER
MESAVERDE	ORRI	ROBBY F BAKER
MESAVERDE	ORRI	ROBERT P & ANNA D EARNEST TR
MESAVERDE	ORRI	ROBERT S TATUM
MESAVERDE	ORRI	SCOTT ANTHONY VENEZIA
MESAVERDE	ORRI	TEMPE LTD PARTNERSHIP
MESAVERDE	ORRI	U/W FOSTER MORRELL DEC
MESAVERDE	ORRI	UNION OIL CO OF CALIF
MESAVERDE	RI	JUAN R MONTANO
MESAVERDE	RI	MINERALS MANAGEMENT SERVICE
MESAVERDE	RI	WILLIAM B GREENE

SAN JUAN 27-4 UNIT

PROP #	INT TYPE	NAME
DAKOTA	GW	CINCO GENERAL PARTNERSHIP
DAKOTA	NPI	BURLINGTON RESOURCES O&G CO
DAKOTA	NWI	BEDROCK LIMITED PARTNERSHIP
DAKOTA	NWI	BURLINGTON RESOURCES O&G CO
DAKOTA	NWI	HARCO LTD PTSH
DAKOTA	NWI	JAMES V HARRINGTON
DAKOTA	NWI	MARY JONE CHAPPELL
DAKOTA	NWI	TEMPE LTD PARTNERSHIP
DAKOTA	ORRI	AMALIA S SANCHEZ
DAKOTA	ORRI	BEDROCK LIMITED PARTNERSHIP
DAKOTA	ORRI	DEREK PETER VENEZIA
DAKOTA	ORRI	EDNA E MORRELL LIVG TRUST
DAKOTA	ORRI	ELEANOR G HAND
DAKOTA	ORRI	GERALD F HARRINGTON
DAKOTA	ORRI	HARCO LTD PTSH
DAKOTA	ORRI	JAMES V HARRINGTON
DAKOTA	ORRI	JOHN C MEADOWS
DAKOTA	ORRI	JOSEPH R ABRAHAM
DAKOTA	ORRI	LESLIE C TATUM
DAKOTA	ORRI	LMA ROYALTIES LTD
DAKOTA	ORRI	MANUEL A SANCHEZ TRUST
DAKOTA	ORRI	MARY F ROBERTS
DAKOTA	ORRI	MARY JO WELLS
DAKOTA	ORRI	MARY JONE CHAPPELL
DAKOTA	ORRI	MIKE C ABRAHAM TRUSTEE
DAKOTA	ORRI	MISS M F ABRAHAM
DAKOTA	ORRI	PATRICIA ANN ASHBURN
DAKOTA	ORRI	PATRICIA P SCHIEFFER
DAKOTA	ORRI	ROBBY F BAKER
DAKOTA	ORRI	ROBERT P & ANNA D EARNEST TR
DAKOTA	ORRI	ROBERT S TATUM
DAKOTA	ORRI	SCOTT ANTHONY VENEZIA
DAKOTA	ORRI	TEMPE LTD PARTNERSHIP
DAKOTA	ORRI	U/W FOSTER MORRELL DECD
DAKOTA	ORRI	UNION OIL CO OF CALIF
DAKOTA	RI	JUAN R MONTANO
DAKOTA	RI	MINERALS MANAGEMENT SERVICE
DAKOTA	RI	WILLIAM B GREENE

SAN JUAN 27-4 UNIT

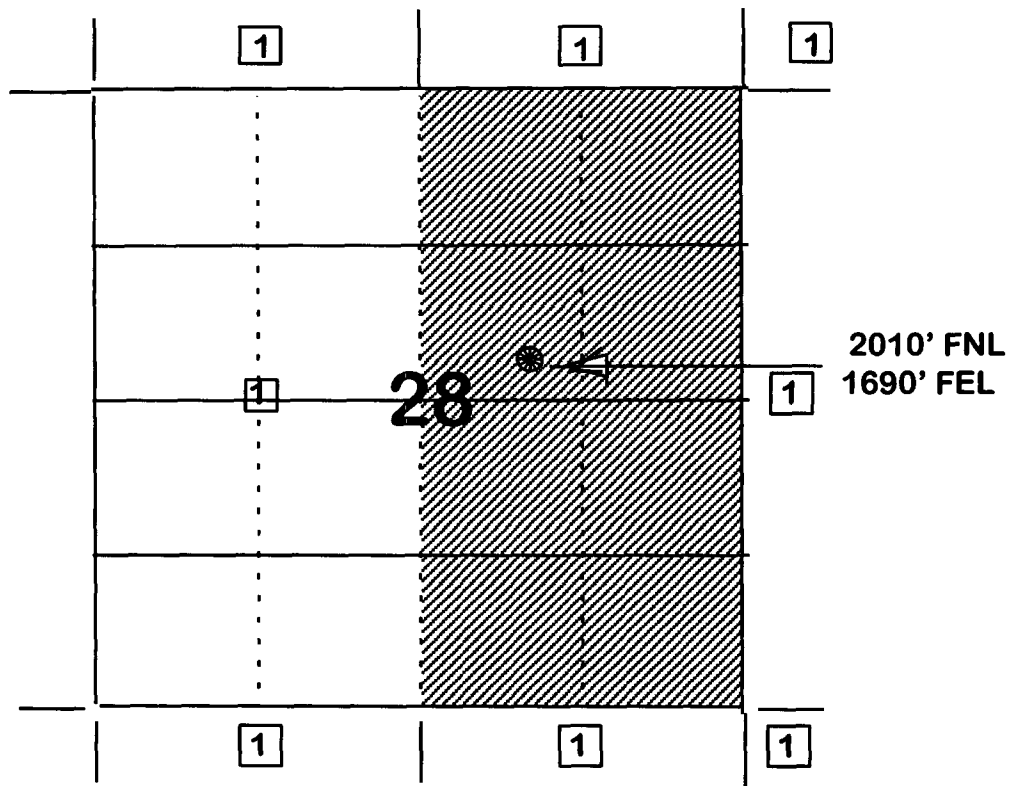
PROP #	INT TYPE	NAME
PICTURED CLIFFS	GW	CINCO GENERAL PARTNERSHIP
PICTURED CLIFFS	NPI	BURLINGTON RESOURCES O&G CO
PICTURED CLIFFS	NWI	BEDROCK LIMITED PARTNERSHIP
PICTURED CLIFFS	NWI	BURLINGTON RESOURCES O&G CO
PICTURED CLIFFS	NWI	HARCO LTD PTSH
PICTURED CLIFFS	NWI	JAMES V HARRINGTON
PICTURED CLIFFS	NWI	MARY JONE CHAPPELL
PICTURED CLIFFS	NWI	TEMPE LTD PARTNERSHIP
PICTURED CLIFFS	ORRI	AMALIA S SANCHEZ
PICTURED CLIFFS	ORRI	BEDROCK LIMITED PARTNERSHIP
PICTURED CLIFFS	ORRI	DEREK PETER VENEZIA
PICTURED CLIFFS	ORRI	EDNA E MORRELL LIVG TRUST
PICTURED CLIFFS	ORRI	ELEANOR G HAND
PICTURED CLIFFS	ORRI	GERALD F HARRINGTON
PICTURED CLIFFS	ORRI	HARCO LTD PTSH
PICTURED CLIFFS	ORRI	JAMES V HARRINGTON
PICTURED CLIFFS	ORRI	JOHN C MEADOWS
PICTURED CLIFFS	ORRI	JOSEPH R ABRAHAM
PICTURED CLIFFS	ORRI	LESLIE C TATUM
PICTURED CLIFFS	ORRI	LMA ROYALTIES LTD
PICTURED CLIFFS	ORRI	MANUEL A SANCHEZ TRUST
PICTURED CLIFFS	ORRI	MARY F ROBERTS
PICTURED CLIFFS	ORRI	MARY JO WELLS
PICTURED CLIFFS	ORRI	MARY JONE CHAPPELL
PICTURED CLIFFS	ORRI	MIKE C ABRAHAM TRUSTEE
PICTURED CLIFFS	ORRI	MISS M F ABRAHAM
PICTURED CLIFFS	ORRI	PATRICIA ANN ASHBURN
PICTURED CLIFFS	ORRI	PATRICIA P SCHIEFFER
PICTURED CLIFFS	ORRI	ROBBY F BAKER
PICTURED CLIFFS	ORRI	ROBERT S TATUM
PICTURED CLIFFS	ORRI	SCOTT ANTHONY VENEZIA
PICTURED CLIFFS	ORRI	TEMPE LTD PARTNERSHIP
PICTURED CLIFFS	ORRI	UNION OIL CO OF CALIF
PICTURED CLIFFS	RI	JUAN R MONTANO
PICTURED CLIFFS	RI	MINERALS MANAGEMENT SERVICE

BURLINGTON RESOURCES OIL AND GAS COMPANY

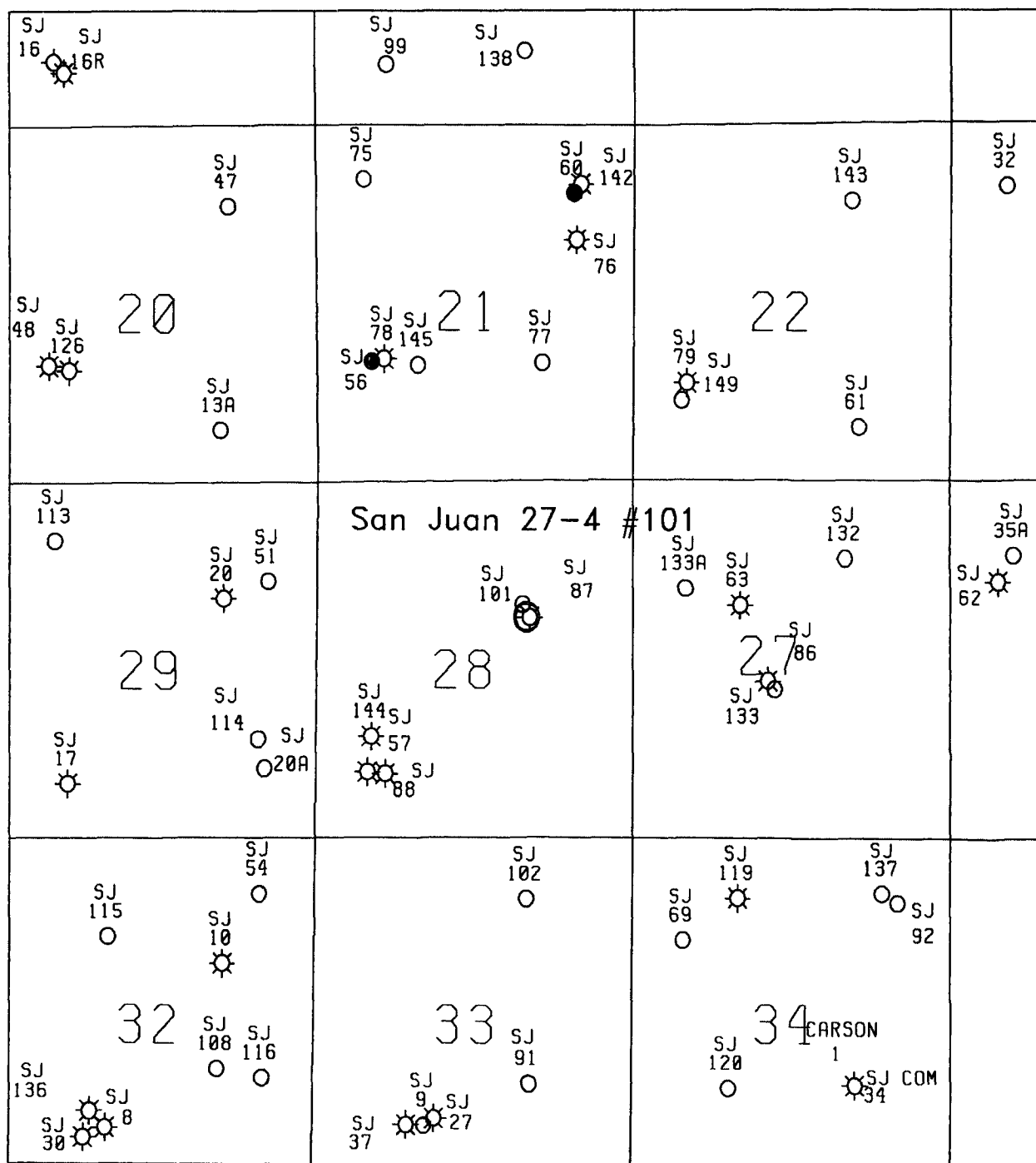
**OFFSET OPERATOR \ OWNER PLAT
San Juan 27-4 Unit #101**

Mesaverde/Dakota Formations Commingle Well

Township 27 North, Range 4 West



1) Burlington Resources



San Juan 27-4 #101
Sec 28 T27N R4W
Mesa Verde/Dakota