

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

APPLICATION FOR DOWNHOLE COMMINGLING

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

APPROVAL PROCESS :

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☐ YES ☒ NO

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator

Address

Carson SRC

2A

J 01-30N-05W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 6897 API NO. 30-039-26018 Federal ☒ , State , (and/or) Fee

	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde - 72319		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	will be supplied upon completion		will be supplied upon completion
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. 609 psi (see attachment) (Original) b. 1413 psi (see attachment)		a. 1004 psi (see attachment) b. 2706 psi (see attachment)
6. Oil Gravity (API) or Gas BTU Content	BTU 1031		BTU 983
7. Producing or Shut-In?	shut in		shut in
Production Marginal? (yes or no)	no		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: Rates:	Date: n/a Rates:
* If Producing, give data and oil/gas/water of recent test (within 60 days)	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: % Gas: % will be supplied upon completion	Oil: % Gas: %	Oil: % Gas: % 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). attached
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: Sean Corrigan TITLE: Production Engineer DATE: 7-20-99

TYPE OR PRINT NAME: Sean Corrigan TELEPHONE NO.: (505) 326-9700

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-		1 Pool Code 71599/72319		1 Pool Name Basin Dakota/Blanco Mesaverde	
1 Property Code 6897		1 Property Name CARSON SRC			1 Well Number # 2A
1 OGRID No. 14538		1 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			1 Elevation 6629

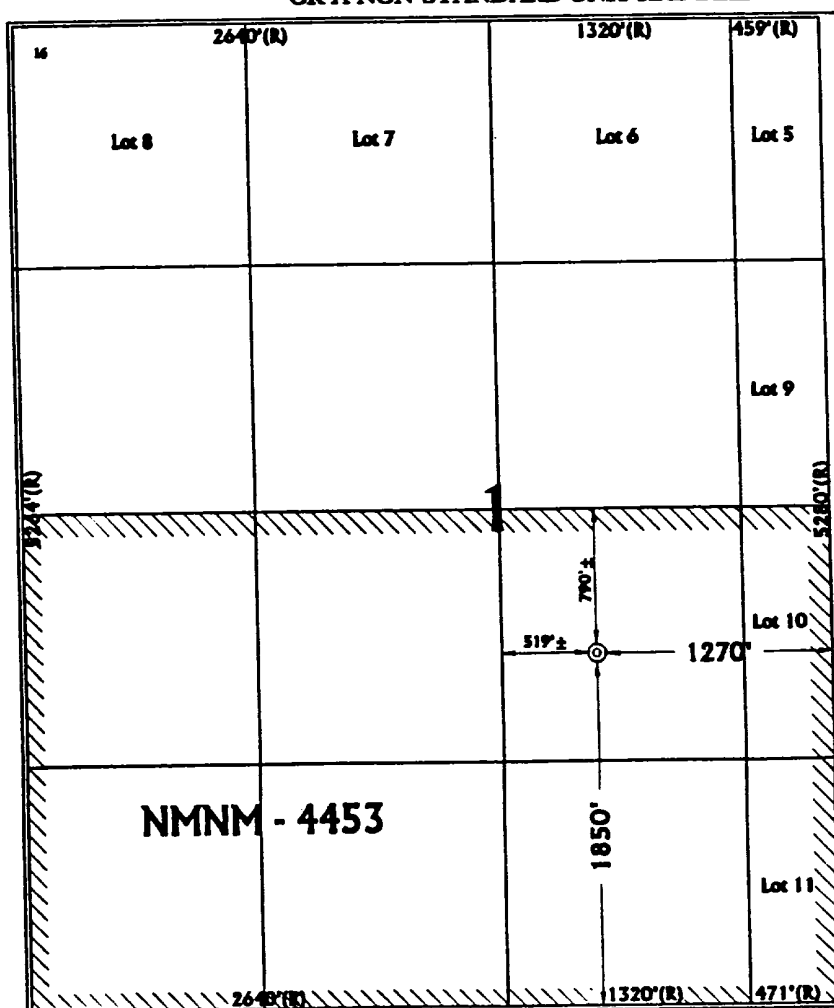
10 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	30 N	5 W		1850	SOUTH	1270	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

1 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres DK:S/268 34 MV:S/268 34		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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

Signature

Peggy Bradfield

Printed Name

Regulatory Administrator

Title

Date

18 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.

August 10, 1998

Date of Survey

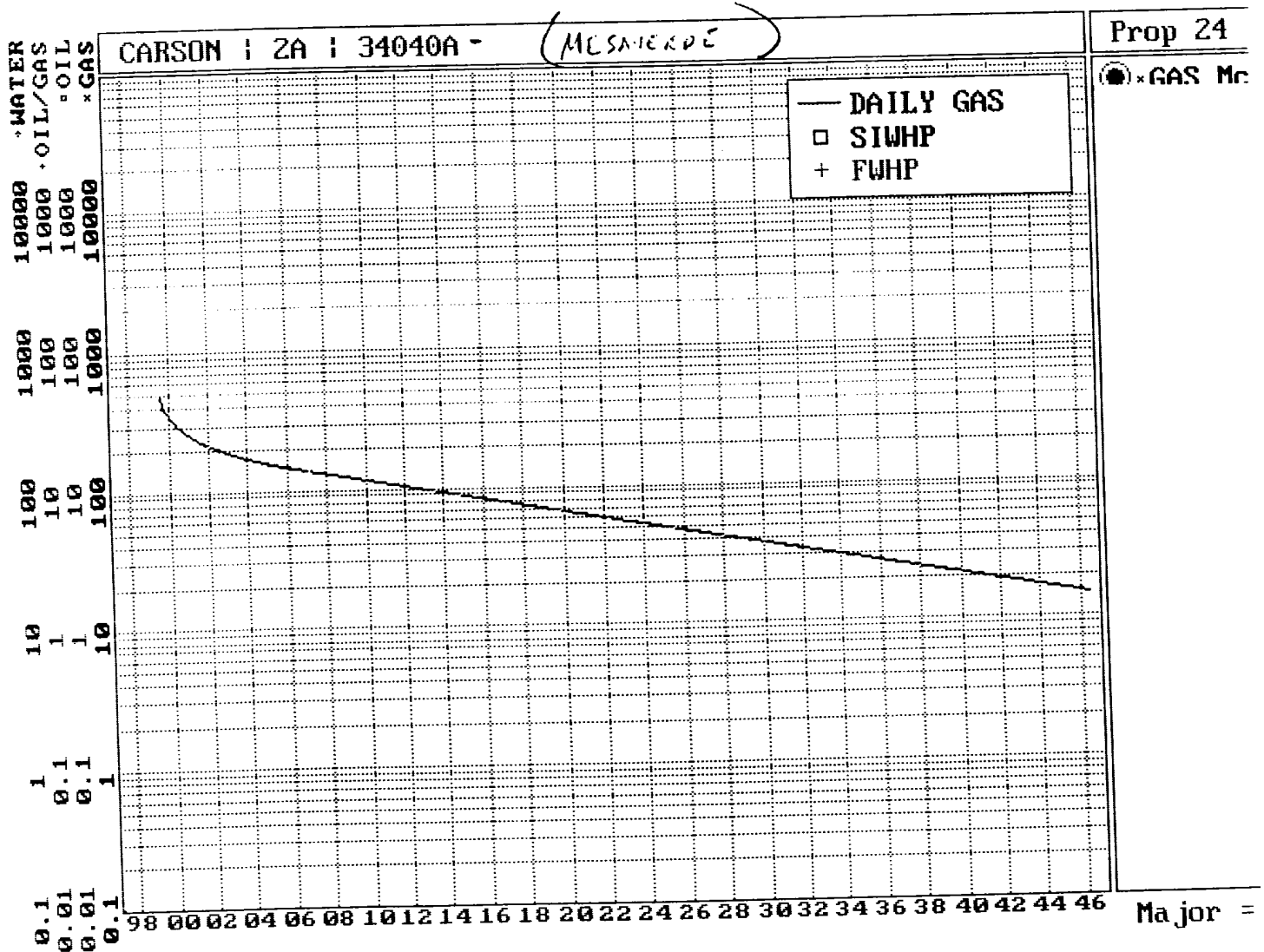
Signature and Seal of Professional Surveyor



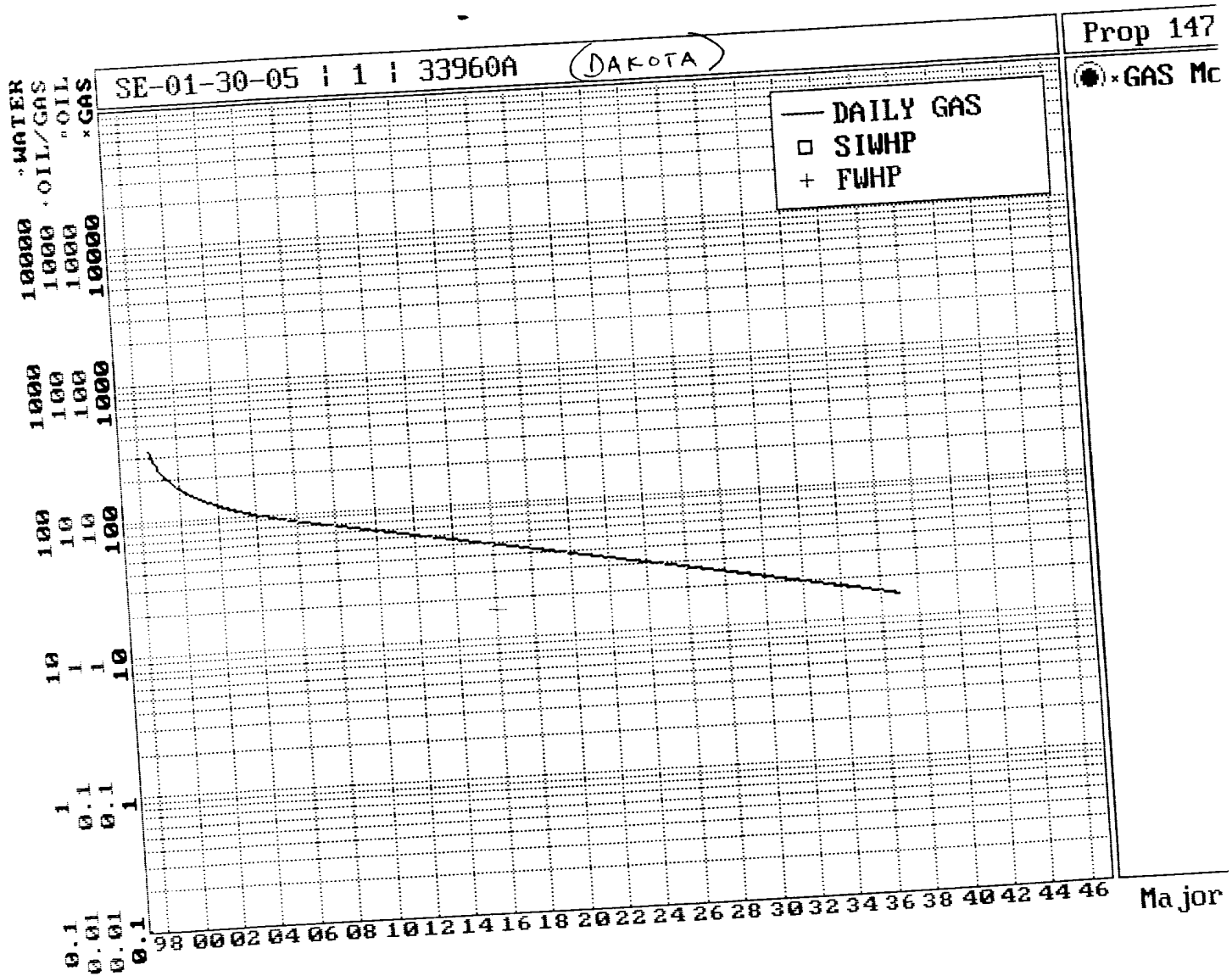
7016

Certificate Number

Carson SRC #2A
 Expected Production Curve
 Mesaverde Formation



Carson SRC #2A
Expected Production Curve
Dakota Formation



Carson SRC #2A
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Mesaverde		Dakota	
<u>MV-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.595	GAS GRAVITY	0.588
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.08	%N2	0.09
%CO2	1.76	%CO2	3.21
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	1.5
DEPTH (FT)	5866	DEPTH (FT)	8082
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	537	SURFACE PRESSURE (PSIA)	850
BOTTOMHOLE PRESSURE (PSIA)	609.3	BOTTOMHOLE PRESSURE (PSIA)	1004.0
<u>MV-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.595	GAS GRAVITY	0.588
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.08	%N2	0.09
%CO2	1.76	%CO2	3.21
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	1.5
DEPTH (FT)	5866	DEPTH (FT)	8082
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1232	SURFACE PRESSURE (PSIA)	2264
BOTTOMHOLE PRESSURE (PSIA)	1413.2	BOTTOMHOLE PRESSURE (PSIA)	2706.0

Carson SRC #2A
Mesaverde Offset

Carson #2 (30N-05W-01)

<u>Date</u>	<u>Wellhead Pressure</u>
08/18/78	1232
07/02/79	867
04/17/80	470
04/20/81	451
05/28/82	523
03/06/86	513
09/26/89	537

Carson SRC #2A
Dakota Offset

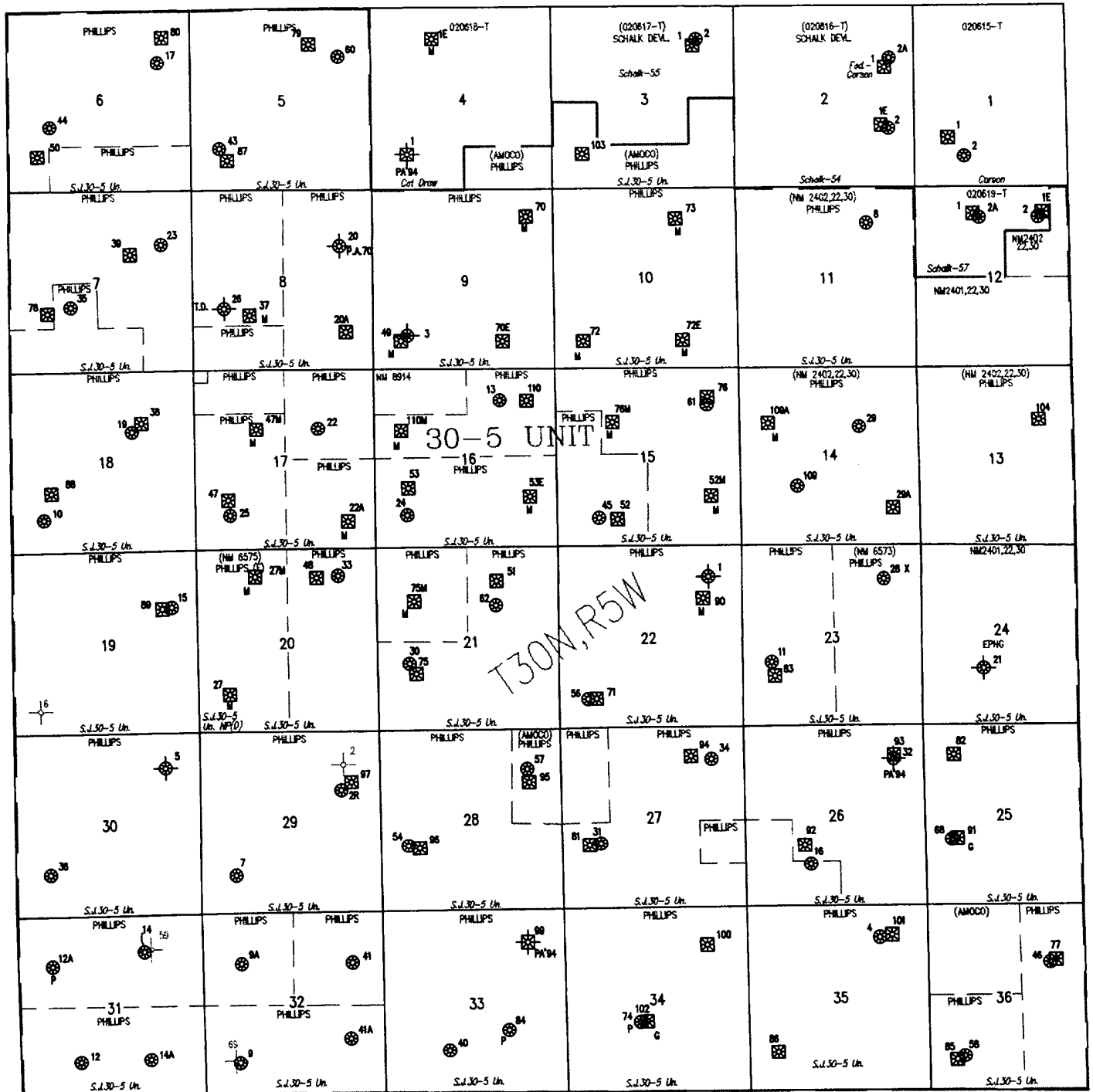
Carson #1 (30N-05W-01)

<u>Date</u>	<u>Wellhead Pressure</u>
10/07/69	2264
10/06/70	1552
05/18/71	1108
06/20/72	970
06/03/75	1132
06/02/77	868
05/23/79	774
02/19/82	816
05/03/85	950
08/14/88	1301
04/22/90	850

Carson SRC #2A

30N - 5W - 01

Blanco Mesaverde / Basin Dakota



BURLINGTON RESOURCES OIL AND GAS COMPANY

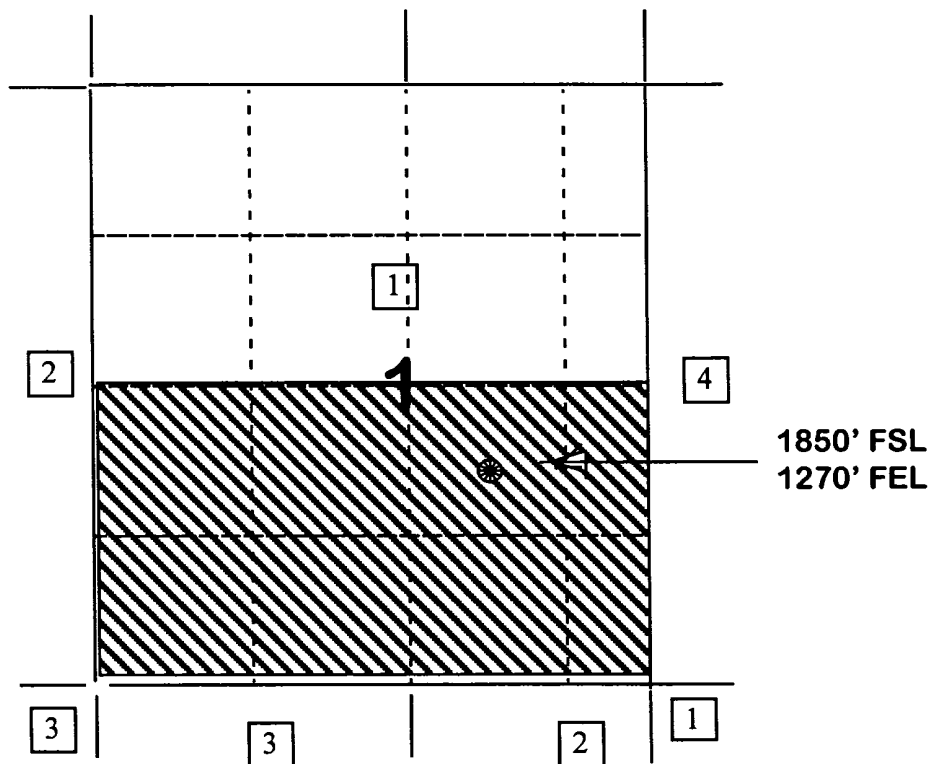
Carson SRC #2A

OFFSET OPERATOR/OWNER PLAT

Down-Hole Commingle

Mesaverde / Dakota Formations

Township 30 North, Range 5 West



1) Burlington Resources

**2) Schalk Development Co.
P.O. Box 2078
Farmington, NM 87499-2078**

3) Phillips Petroleum Company

**Attn: Mr. Scott Prather
5525 Hwy. 64, NBU 3004
Farmington, NM 87401**

4) Taurus Exploration USA, Inc.

**Attn: Ms. Kathy Clayton
2101 Sixth Ave. North
Birmingham, Alabama 35203**