

DATE IN 3/16/99	SUSPENSE 4/5/99	ENGINEER DC	LOGGED BY RW	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



2265

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

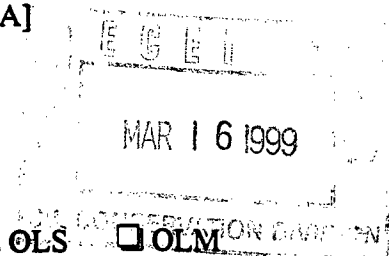
Check One Only for [B] or [C]

[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

PO Box 4289, Farmington, NM 87499

Operator

Address

Koch State Com

1A

I, Sec. 36, T29N, R09W

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code API NO. 30-045-2178700 Federal , State X (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 Pictured Cliffs-72359		Blanco Mesa Verde-72319
2. Top and Bottom of Pay Section (Perforations)	2142' - 2209'		3789' - 4585'
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: Gas & Oil - Flowing: Current All Gas Zones: Measured Estimated or Measured	(Current) a. 182 psia @ 2176'	a.	a. 433 psia @ 4187'
	(Original) b. 895 psia @ 2176'	b.	b. 1173 psia @ 4187'
6. Oil Gravity (API) or Gas BTU Content	1086 Btu		1264 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 water of recent test (within 60 days)	Date: 1/31/99 Rates: 124 MCFD, 0 BOD	Date: Rates:	Date: 1/31/99 Rates: 149 MCFD, 0 BOD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: Gas: Will supply after commingling	Oil: Gas:	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 03-15-99TYPE OR PRINT NAME Kevin L. Midkiff TELEPHONE NO. (505) 326-9700

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

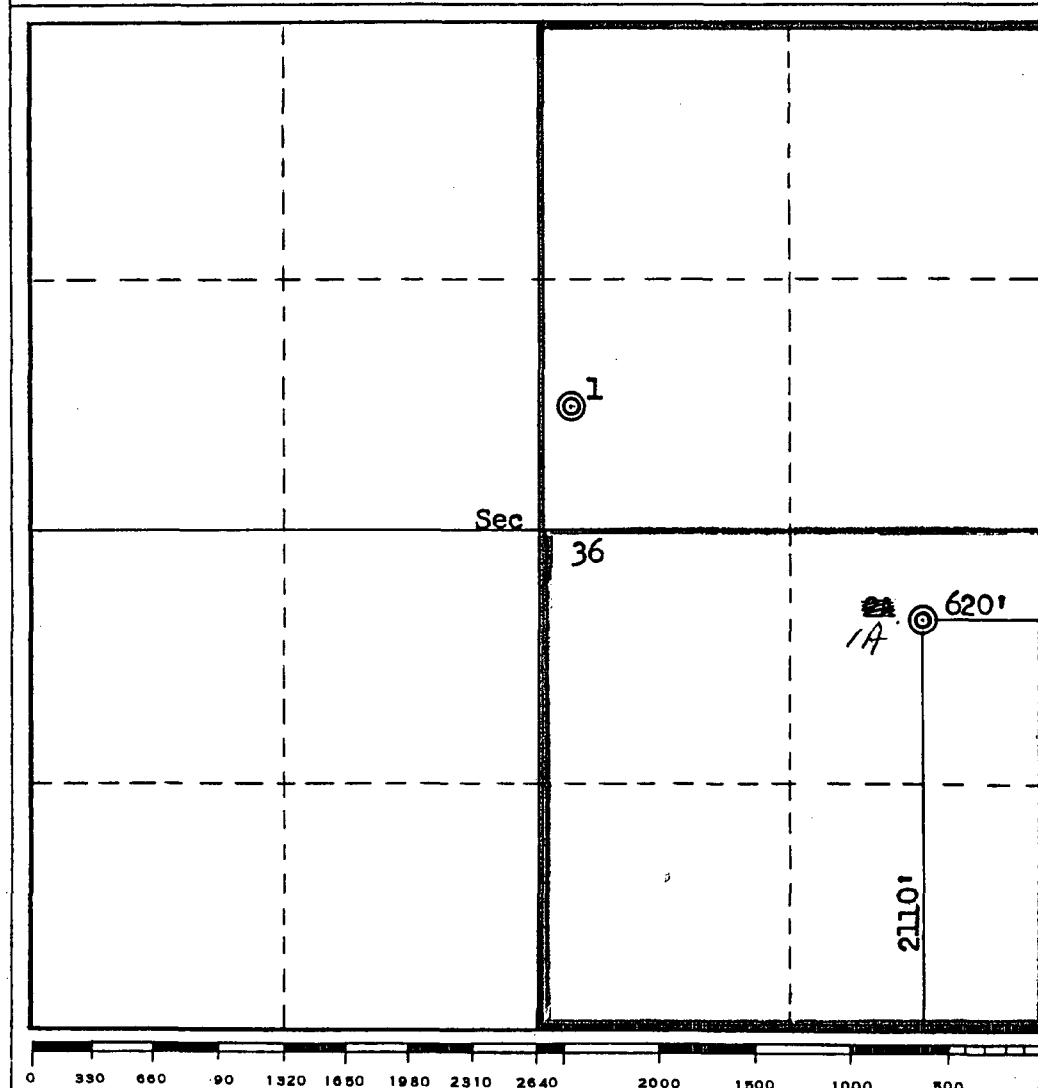
Operator Aztec Oil & Gas Company			Lease Koch State		Well No. 1-A
Unit Letter I	Section 36	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well:					
2110 feet from the South line and		620 feet from the East line			
Ground Level Elev. 5710	Producing Formation Mesa Verde-PC	Pool Blanco - Aztec	Dedicated Acreage: 320 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.



CERTIFICATION

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

Name
Joe C. Salmon
Position
District Superintendent
Company
Aztec Oil & Gas Company
Date
May 1, 1975

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
April 29, 1975
Registered Professional Engineer and/or Land Surveyor
Fred B. Karp
Certificate No.
3950

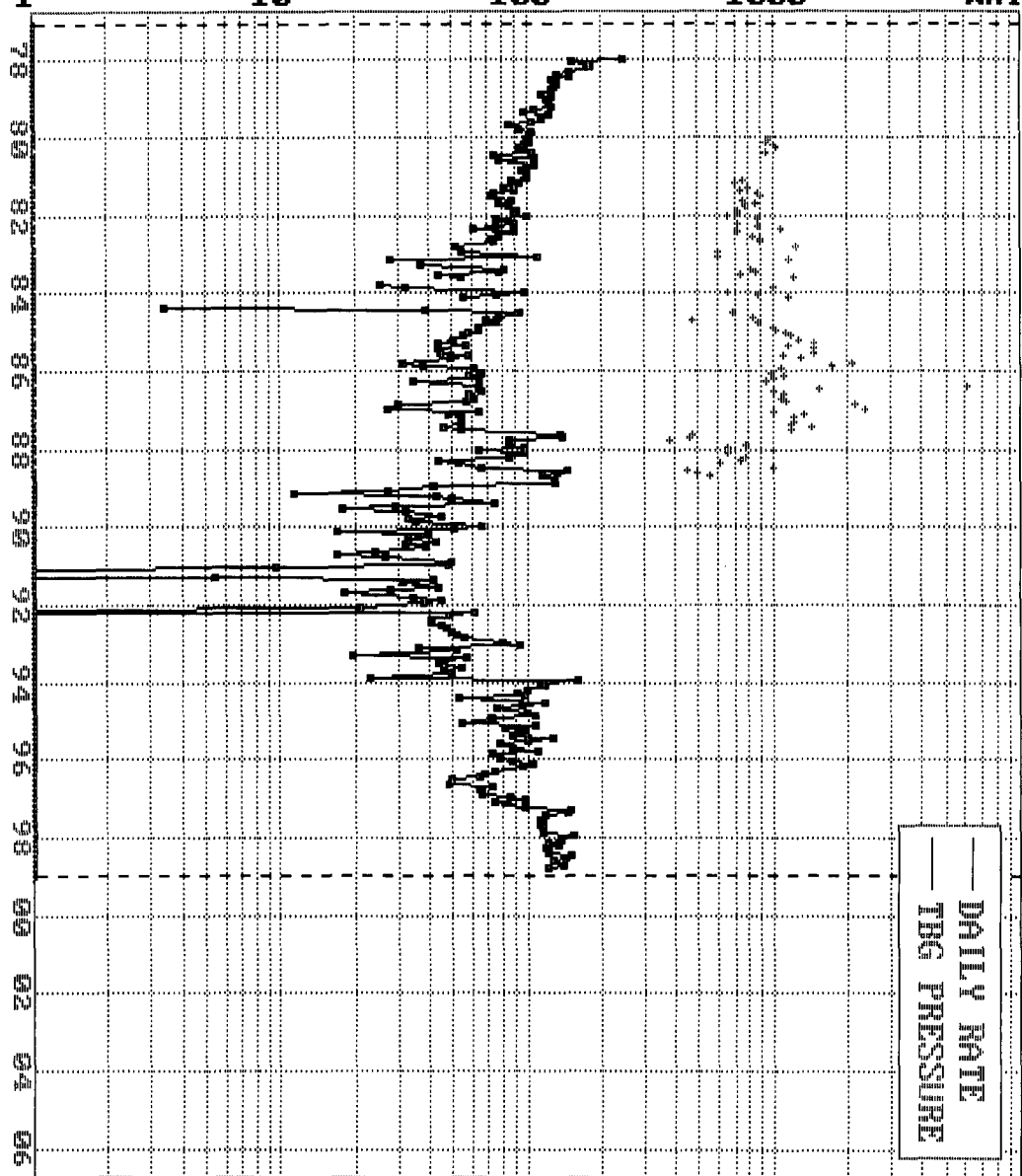
0.1 1 10 100 *OIL
 0.001 0.01 0.1 1 *WATER/GAS
 1 10 100 1000 *GAS
 1 10 100 1000 *WATER

KOCH STATE COM 1 1A 1 40553-1 *Pictured Cliff*

Prop 115 *

— DAILY RATE
 — TBG PRESSURE

☐ *WATER Bbls/d
☒ *GAS Mcf/d
☐ *WATER/GAS
☐ *OIL Bbl/d
☒ RateTime
☒ Semi Log



Major = GAS

0.1 1 10 100 *OIL
 0.001 0.01 0.1 1 *WATER/GAS
 1 10 100 1000 *GAS
 1 10 100 1000 *WATER

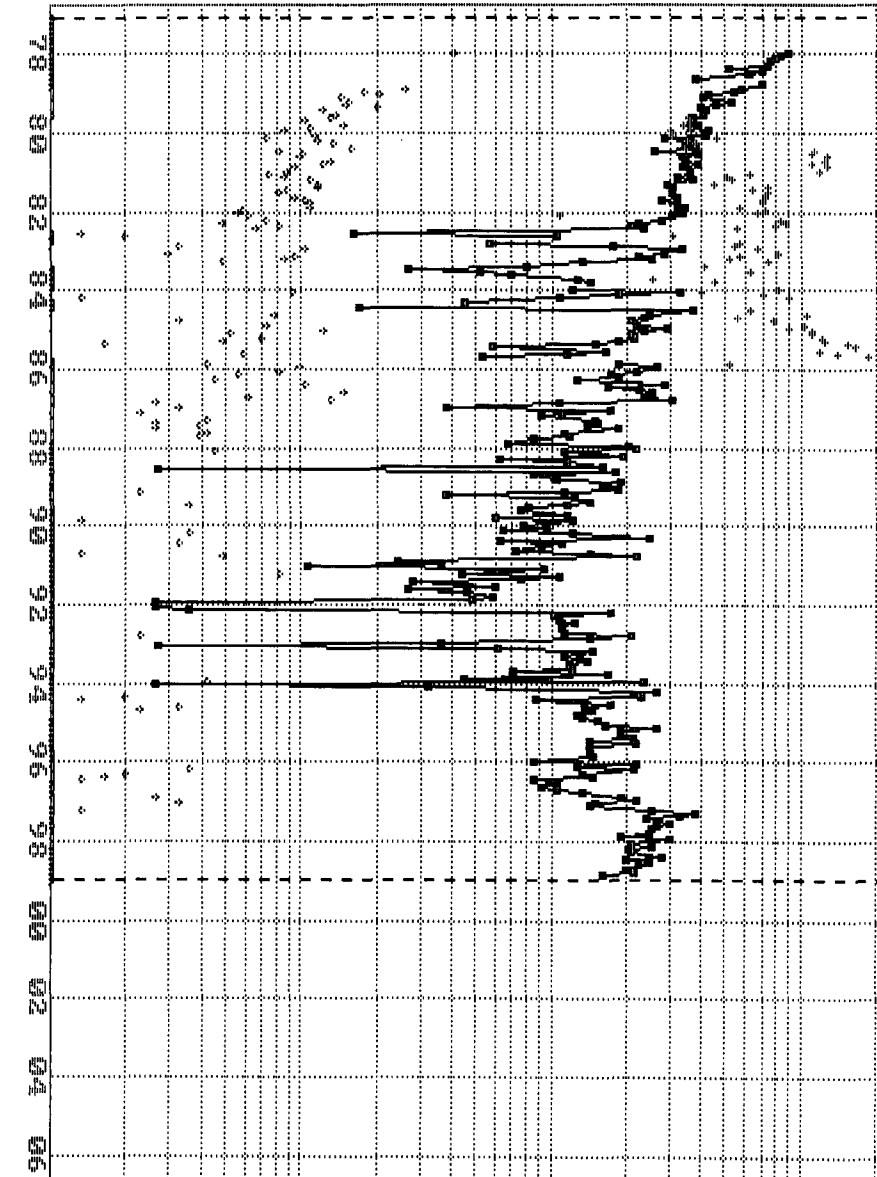
KOCH STATE COM 1 1A 1 40552-1 Mesa Verde

Prop 116 *

— DAILY RATE
 — TBG PRESSURE

☐ *WATER Bbls/d
☒ *GAS Mcf/d
☐ *WATER/GAS
☐ *OIL Bbl/d

☒ RateTime
☒ Semi Log



Major = GAS

Page No.: 2

Print Time: Mon Feb 22 13:59:46 1999

Property ID: 3209

Property Name: KOCH STATE COM | 1 | 40551-1

Table Name: K:\ARIES\RR99PDP\TEST.DBF

Offset Well for Koch State Com A

Mesa Verde

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

01/13/57	0	1023.0
01/21/57	0	1022.0
09/23/57	127000	846.0
12/06/58	323000	923.0
08/22/59	501000	811.0
03/29/60	606000	786.0
03/28/61	785000	774.0
09/10/62	911000	833.0
02/02/63	982000	823.0
02/12/64	1124000	770.0
01/29/65	1260000	719.0
02/01/66	1408000	672.0
01/27/67	1581000	682.0
02/15/68	1782000	669.0
08/03/69	2029275	610.0
06/12/70	2178413	600.0
05/14/71	2317607	564.0
07/03/72	2526341	498.0
04/25/73	2671086	269.0
06/06/74	2879175	447.0
05/10/76	3162941	445.0
05/22/78	3413960	439.0
06/25/80	3580393	485.0
05/28/82	3694450	443.0
09/04/84	3790152	523.0
08/12/86	3868036	439.0
05/17/89	3957992	393.0
06/17/91	4015889	410.0
07/16/91	4015923	422.0
04/15/93	4039116	400.0

1/31/99

4,239,897

376

Original
Current
Based on pressure vs Cum Gas Curve

Page No.: 1

Print Time: Mon Feb 22 13:59:43 1999

Property ID: 6249

Property Name: KOCH STATE COM | 1 | 40550-1

Table Name: K:\ARIES\RR99PDP\TEST.DBF

Offset Well

Pictured Cliffs

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

01/13/57	0	836.0
01/21/57	0	1022.0
01/07/58	34000	694.0
12/06/58	74000	650.0
08/22/59	123000	545.0
03/29/60	156000	534.0
03/28/61	190000	431.0
09/10/62	254000	506.0
02/02/63	270000	473.0
02/12/64	301000	554.0
01/29/65	337000	548.0
02/01/66	385000	427.0
01/27/67	434000	409.0
02/15/68	469000	411.0
08/03/69	537558	429.0
04/01/70	568440	409.0
05/14/71	633000	302.0
07/03/72	699948	294.0
04/25/73	742198	464.0
06/06/74	805192	273.0
05/10/76	921573	232.0
05/22/78	1048397	224.0
06/25/80	1180480	229.0
05/28/82	1296071	236.0
09/04/84	1396555	446.0

1/31/99

2,47,720

161.0

CURRENT

BASED ON PRESSURE VS CUM GAS CURVE

Koch State Com #1A
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method

Version 1.0 3/13/94

Pictured Cliffs	Mesa Verde
<u>PC-Current</u> GAS GRAVITY 0.614 COND. OR MISC. (C/M) M %N2 0.13 %CO2 0.37 %H2S 0 DIAMETER (IN) 6.456 DEPTH (FT) 2176 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 96 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 173 BOTTOMHOLE PRESSURE (PSIA) 181.5	<u>MV-Current</u> GAS GRAVITY 0.715 COND. OR MISC. (C/M) M %N2 0.30 %CO2 0.79 %H2S 0 DIAMETER (IN) 4.052 DEPTH (FT) 4187 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 129 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 388 BOTTOMHOLE PRESSURE (PSIA) 432.9
<u>PC-Original</u> GAS GRAVITY 0.614 COND. OR MISC. (C/M) M %N2 0.13 %CO2 0.37 %H2S 0 DIAMETER (IN) 6.456 DEPTH (FT) 2176 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 96 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 848 BOTTOMHOLE PRESSURE (PSIA) 894.5	<u>MV-Original</u> GAS GRAVITY 0.715 COND. OR MISC. (C/M) M %N2 0.30 %CO2 0.79 %H2S 0 DIAMETER (IN) 4.052 DEPTH (FT) 4187 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 129 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 1035 BOTTOMHOLE PRESSURE (PSIA) 1173.1

Gas Meter Vol. History (Act.)

Sunday, November 01, 1998 Through Sunday, January 31, 1999

Select By : Gas Meters

Pressure Base : None

Units : A.P.I.

Sort By : Rounded (y/n) : No

Page No : 2

Report Number : R_040

Print Date : 02/22/1999, 1:55:53 PM

Meter	Volume Date	Ticket #	Volume	Heat Value	Period		Disp.	Prod.	Purchaser	Gatherer
					Start	End				
KOCH STATE COM 1A 89813	11/19/1998	9200061276	132.00	165.00	11/19/1998	11/19/1998	20	100		EL PASO FIELD SERVIC
	11/20/1998	9200061303	135.00	147.00	11/20/1998	11/20/1998	20	100		EL PASO FIELD SERVIC
	11/21/1998	9200061148	164.00	178.00	11/21/1998	11/21/1998	20	100		EL PASO FIELD SERVIC
	11/22/1998	9200061220	151.00	164.00	11/22/1998	11/22/1998	20	100		EL PASO FIELD SERVIC
	11/23/1998	9200061198	146.00	159.00	11/23/1998	11/23/1998	20	100		EL PASO FIELD SERVIC
	11/24/1998	9200061038	149.00	162.00	11/24/1998	11/24/1998	20	100		EL PASO FIELD SERVIC
	11/25/1998	9200061028	145.00	157.00	11/25/1998	11/25/1998	20	100		EL PASO FIELD SERVIC
	11/26/1998	9200061167	139.00	151.00	11/26/1998	11/26/1998	20	100		EL PASO FIELD SERVIC
	11/27/1998	9200061173	63.00	68.00	11/27/1998	11/27/1998	20	100		EL PASO FIELD SERVIC
	11/28/1998	9200061829	176.00	191.00	11/28/1998	11/28/1998	20	100		EL PASO FIELD SERVIC
	11/29/1998	9200061868	159.00	173.00	11/29/1998	11/29/1998	20	100		EL PASO FIELD SERVIC
	11/30/1998	9200061810	155.00	168.00	11/30/1998	11/30/1998	20	100		EL PASO FIELD SERVIC
Totals --	11/1998		4,658.00	4,465.00			20	100		
	12/01/1998	8800003746	4,243.00	4,608.00	12/01/1998	12/31/1998	20	100		EL PASO FIELD SERVIC
Totals --	1998		8,901.00	9,073.00			20	100		
Totals -- KOCH STATE COM 1A 89813	01/01/1999	8800001706	3,852.00	4,183.00	01/01/1999	01/31/1999	20	100		EL PASO FIELD SERVIC
			12,153.00	13,196.00						
Report Totals			29,078.00	34,699.00						

3852 ÷ 31 = 124 MCFD

Gas Meter Vol. History (Act.)

Sunday, November 01, 1998 Through Sunday, January 31, 1999

Select By : Gas Meters

Pressure Base : None

Page No : 1

Units : A.P.L.

Report Number : R_040

Sort By : : No

Print Date : 02/22/1999, 1:55:53 PM

Meter	Volume Date	Ticket #	Volume	Heat Value	Period		Disp.	Prod.	Purchaser	Gatherer
					Start	End				
KOCH STATE COM 1A 89812										
	11/01/1998	9200061801	220.00	283.00	11/01/1998	11/01/1998	20	100	EL PASO FIELD SERVIC	
	11/02/1998	9200061784	207.00	267.00	11/02/1998	11/02/1998	20	100	EL PASO FIELD SERVIC	
	11/03/1998	9200061019	198.00	255.00	11/03/1998	11/03/1998	20	100	EL PASO FIELD SERVIC	
	11/04/1998	9200061121	196.00	252.00	11/04/1998	11/04/1998	20	100	EL PASO FIELD SERVIC	
	11/05/1998	9200061417	171.00	220.00	11/05/1998	11/05/1998	20	100	EL PASO FIELD SERVIC	
	11/06/1998	9200061062	150.00	193.00	11/06/1998	11/06/1998	20	100	EL PASO FIELD SERVIC	
	11/07/1998	9200061295	147.00	189.00	11/07/1998	11/07/1998	20	100	EL PASO FIELD SERVIC	
	11/08/1998	9200061479	130.00	167.00	11/08/1998	11/08/1998	20	100	EL PASO FIELD SERVIC	
	11/09/1998	9200061452	123.00	158.00	11/09/1998	11/09/1998	20	100	EL PASO FIELD SERVIC	
	11/10/1998	9200061408	146.00	188.00	11/10/1998	11/10/1998	20	100	EL PASO FIELD SERVIC	
	11/11/1998	9200061403	142.00	183.00	11/11/1998	11/11/1998	20	100	EL PASO FIELD SERVIC	
	11/12/1998	9200062691	134.00	173.00	11/12/1998	11/12/1998	20	100	EL PASO FIELD SERVIC	
	11/13/1998	9200062708	136.00	175.00	11/13/1998	11/13/1998	20	100	EL PASO FIELD SERVIC	
	11/14/1998	9200062650	136.00	175.00	11/14/1998	11/14/1998	20	100	EL PASO FIELD SERVIC	
	11/15/1998	9200062721	137.00	176.00	11/15/1998	11/15/1998	20	100	EL PASO FIELD SERVIC	
	11/16/1998	9200062748	127.00	164.00	11/16/1998	11/16/1998	20	100	EL PASO FIELD SERVIC	
	11/17/1998	9200061324	120.00	155.00	11/17/1998	11/17/1998	20	100	EL PASO FIELD SERVIC	
	11/18/1998	9200061347	96.00	124.00	11/18/1998	11/18/1998	20	100	EL PASO FIELD SERVIC	
	11/19/1998	9200061277	105.00	135.00	11/19/1998	11/19/1998	20	100	EL PASO FIELD SERVIC	
	11/20/1998	9200061304	100.00	129.00	11/20/1998	11/20/1998	20	100	EL PASO FIELD SERVIC	
	11/21/1998	9200061149	96.00	124.00	11/21/1998	11/21/1998	20	100	EL PASO FIELD SERVIC	
	11/22/1998	9200061233	94.00	121.00	11/22/1998	11/22/1998	20	100	EL PASO FIELD SERVIC	
	11/23/1998	9200061197	91.00	117.00	11/23/1998	11/23/1998	20	100	EL PASO FIELD SERVIC	
	11/24/1998	9200061039	77.00	99.00	11/24/1998	11/24/1998	20	100	EL PASO FIELD SERVIC	
	11/25/1998	9200061045	78.00	100.00	11/25/1998	11/25/1998	20	100	EL PASO FIELD SERVIC	
	11/26/1998	9200061168	77.00	99.00	11/26/1998	11/26/1998	20	100	EL PASO FIELD SERVIC	
	11/27/1998	9200061174	10.00	13.00	11/27/1998	11/27/1998	20	100	EL PASO FIELD SERVIC	
	11/28/1998	9200061830	460.00	592.00	11/28/1998	11/28/1998	20	100	EL PASO FIELD SERVIC	
	11/29/1998	9200061855	425.00	547.00	11/29/1998	11/29/1998	20	100	EL PASO FIELD SERVIC	
	11/30/1998	9200061811	383.00	493.00	11/30/1998	11/30/1998	20	100	EL PASO FIELD SERVIC	
Totals -- 11/1998			4,712.00	6,066.00						
	12/01/1998	8800003745	7,759.00	9,807.00	12/01/1998	12/31/1998	20	100	EL PASO FIELD SERVIC	
Totals -- 1998			12,471.00	15,873.00						
Totals -- KOCH STATE COM 1A 89812			4,454.00	5,630.00						
	01/01/1999	8800001705	16,925.00	21,503.00	01/01/1999	01/31/1999	20	100	EL PASO FIELD SERVIC	
KOCH STATE COM 1A 89813										
	11/01/1998	9200061800	103.00	112.00	11/01/1998	11/01/1998	20	100	EL PASO FIELD SERVIC	
	11/02/1998	9200061783	101.00	110.00	11/02/1998	11/02/1998	20	100	EL PASO FIELD SERVIC	
	11/03/1998	9200061018	163.00	177.00	11/03/1998	11/03/1998	20	100	EL PASO FIELD SERVIC	
	11/04/1998	9200061120	174.00	189.00	11/04/1998	11/04/1998	20	100	EL PASO FIELD SERVIC	
	11/05/1998	9200061416	164.00	178.00	11/05/1998	11/05/1998	20	100	EL PASO FIELD SERVIC	
	11/06/1998	9200061061	156.00	169.00	11/06/1998	11/06/1998	20	100	EL PASO FIELD SERVIC	
	11/07/1998	9200061294	153.00	166.00	11/07/1998	11/07/1998	20	100	EL PASO FIELD SERVIC	
	11/08/1998	9200061478	141.00	153.00	11/08/1998	11/08/1998	20	100	EL PASO FIELD SERVIC	
	11/09/1998	9200061451	2.00	2.00	11/09/1998	11/09/1998	20	100	EL PASO FIELD SERVIC	
	11/10/1998	9200062690	124.00	135.00	11/10/1998	11/10/1998	20	100	EL PASO FIELD SERVIC	
	11/11/1998	9200062681	199.00	216.00	11/11/1998	11/11/1998	20	100	EL PASO FIELD SERVIC	
	11/12/1998	9200062678	178.00	193.00	11/12/1998	11/12/1998	20	100	EL PASO FIELD SERVIC	
	11/13/1998	9200062720	176.00	193.00	11/13/1998	11/13/1998	20	100	EL PASO FIELD SERVIC	
	11/14/1998	9200062747	178.00	191.00	11/14/1998	11/14/1998	20	100	EL PASO FIELD SERVIC	
	11/15/1998	9200061323	156.00	169.00	11/15/1998	11/15/1998	20	100	EL PASO FIELD SERVIC	
	11/16/1998	9200061360	156.00	169.00	11/16/1998	11/16/1998	20	100	EL PASO FIELD SERVIC	
	11/17/1998				11/17/1998	11/17/1998	20	100	EL PASO FIELD SERVIC	
	11/18/1998				11/18/1998	11/18/1998	20	100	EL PASO FIELD SERVIC	

30 day average
4454 ÷ 31 = 144 mgd
PC

FARMINGTON

ANNUAL PRODUCTION FOR 40553

PHS020M1

KOCH STATE COM 1A

BLANCO PICTURED CLIFFS (GAS) FIELD PICTURED CLIFFS 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
1987      28336    295860      23      167
1988      33954    329814      16      183
1989      14186    344000      183
1990      12830    356830      183
1991      9069     365899      183
1992      16515    382414      183
1993      20869    403283      183
1994      34960    438243      183
1995      33198    471441      183
1996      26843    498284      183
```

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

ANNUAL PRODUCTION FOR 40553

PHS020M1

KOCH STATE COM 1A

BLANCO PICTURED CLIFFS (GAS) FIELD PICTURED CLIFFS ZONE

===== OIL CUM =====
PC DATE BBLs

===== GAS CUM =====
PC DATE MCF

===== WATER CUM =====
DATE BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1997			43476	541760		183
1998			40347	582107		183

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 40553

PHS030M1

KOCH STATE COM 1A

BLANCO PICTURED CLIFFS (GAS) FIELD

PICTURED CLIFFS ZONE

DAYS =====			OIL =====			=====			GAS =====					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F					01	4178	31	1072	15.025			
2	2	F					01	3704	28	1072	15.025			
3	2	F					01	4109	31	1072	15.025			
4	2	F					01	3642	30	1072	15.025			
5	2	F					01	3754	24	1072	15.025			
6	2	F					01	4629	30	1072	15.025			
7	2	F					01	4341	31	1072	15.025			
8	2	F					01	3936	31	1072	15.025			
9	2	F					01	4311	30	1072	15.025			
10	2	F					01	3743	31	1067	15.025			
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 12/05/98

FARMINGTON

ANNUAL PRODUCTION FOR 40552

PHS020M1

KOCH STATE COM 1A

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
1987      76      2325      48816     1005531
1988      14      2339      48743     1054274
1989      25      2364      38476     1092750
1990      40      2404      39320     1132070
1991      27      2431      18433     1150503
1992      19      2450      37963     1188466
1993      17      2467      41492     1229958
1994      32      2499      52148     1282106
1995      2499     62641     1344747
1996      42      2541      54262     1399009
=====

```

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

ANNUAL PRODUCTION FOR 40552

PHS020M1

KOCH STATE COM 1A

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
1997	15	2556	93393	1492402		377
1998	2	2558	73822	1566224		377

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

FUNCTION SELECTED NOT VALID

FARMINGTON

1998 MONTHLY PRODUCTION FOR 40552

PHS030M1

KOCH STATE COM 1A

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	30	02	1		01	6445	30	1244	15.025			
2	2	F	28	02			01	7815	28	1244	15.025			
3	2	F	30	02			01	6335	30	1244	15.025			
4	2	F	30	02			01	6359	30	1244	15.025			
5	2	F	27	02			01	8588	27	1244	15.025			
6	2	F	30	02			01	6155	30	1244	15.025			
7	2	F	31	02			01	7533	31	1244	15.025			
8	2	F	31	02			01	6886	31	1244	15.025			
9	2	F	30	02			01	6138	30	1265	15.025			
10	2	F	31	02	1		01	6619	31	1265	15.025			
11	2	F					01	4949		1265	15.025			
12														

PF6 - RETURNS TO ANNUAL DISPLAY

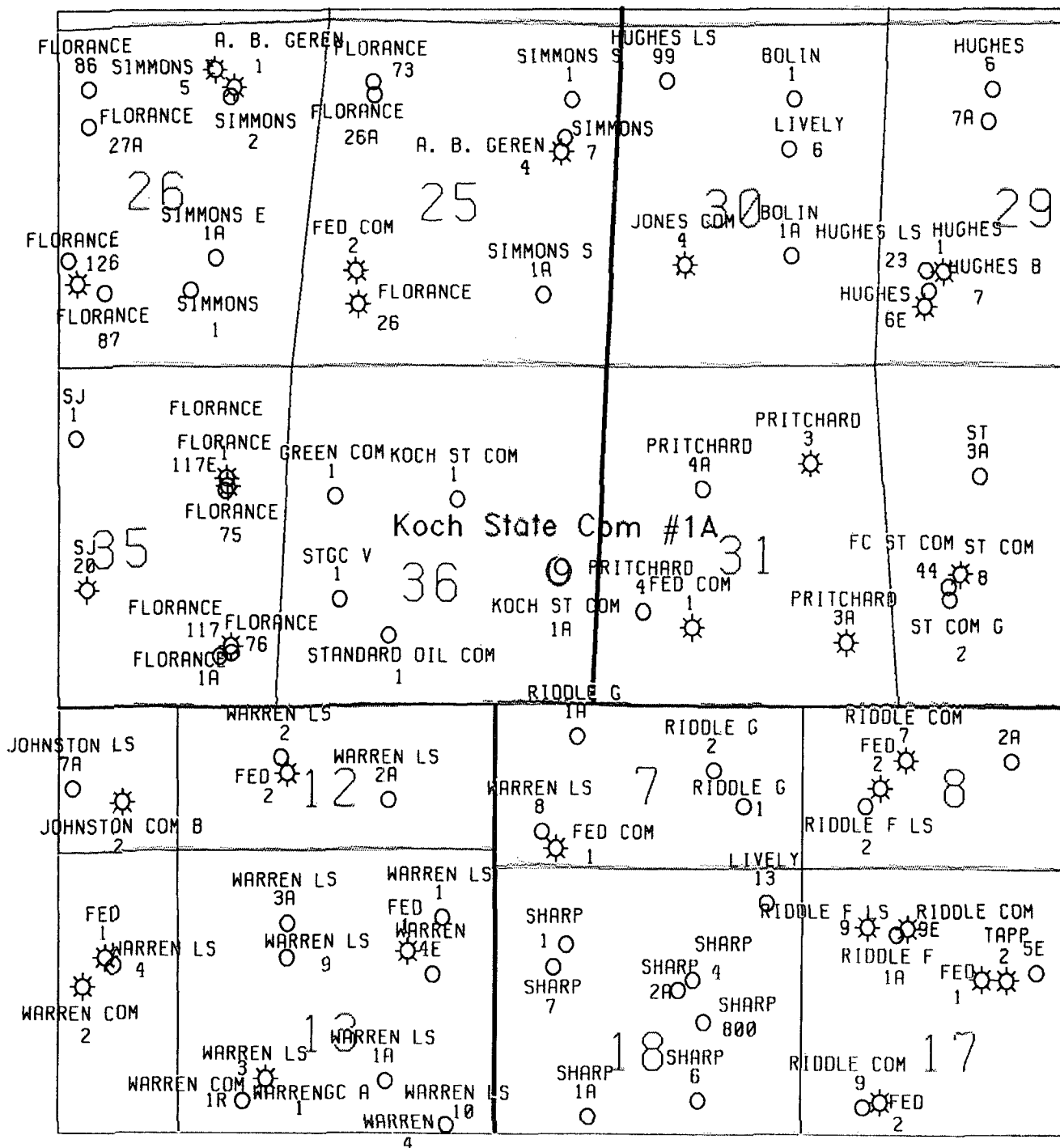
PF3 - TRANSFER TO UPDATE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

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

PRS 01/06/99



*Koch State Com #1A
Sec 36, T29W, R9W
Mesa Verde/Pictured Cliffs*

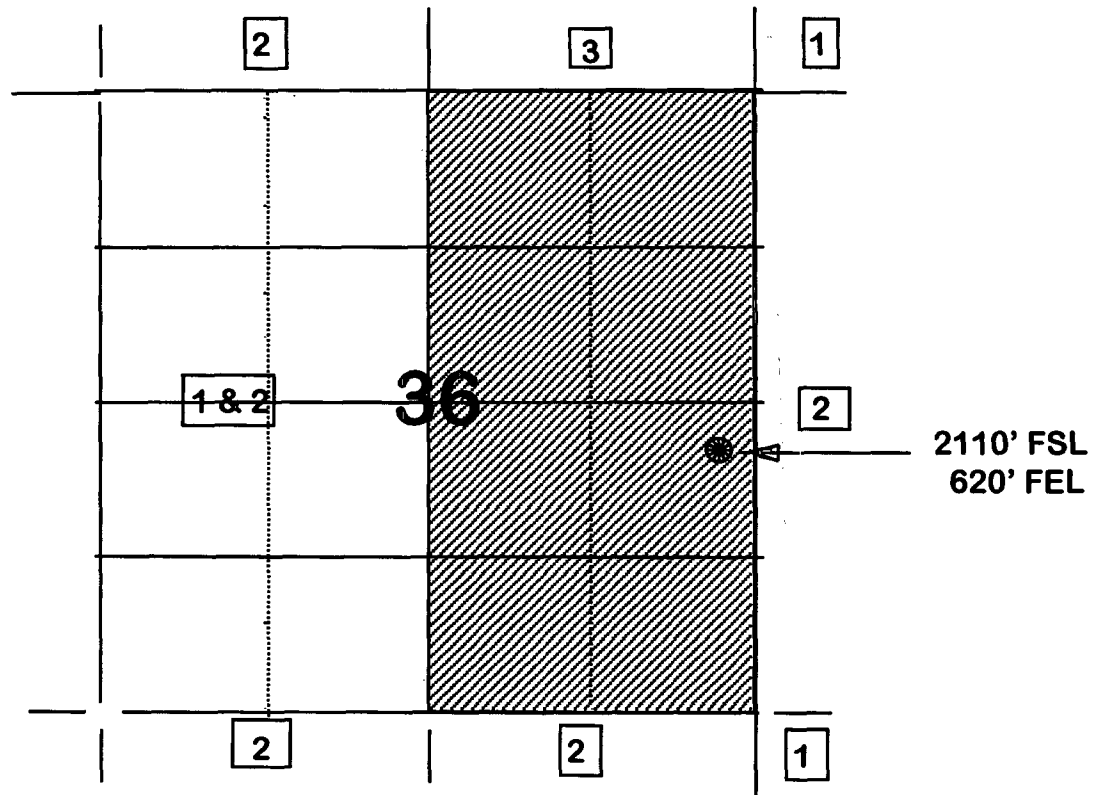
BURLINGTON RESOURCES OIL AND GAS COMPANY

Koch State Com #1A

OFFSET OPERATOR \ OWNER PLAT

Mesaverde (E/2) / Pictured Cliffs (SE/4) Formations Commingle Well

Township 29 North, Range 9 West



- 1) Burlington Resources
- 2) Amoco Production Company
c/o Bruce Zimney
P.O. Box 800
Denver, CO 80201
- 3) D.J. Simmons Inc.
P.O. Box 1469
Farmington, NM 87499