

DATE IN <u>3/16/99</u>	SUSPENSE <u>4/5/99</u>	ENGINEER <u>DC</u>	LOGGED BY <u>RW</u>	TYPE <u>DHC</u>
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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



2264

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

RECEIVED
MAR 16 1999
OIL CONSERVATION DIVISION

[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

Koch State Com

1

G, 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. 30-045-0768000 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)	2147' - 2220'		3808' - 4460'
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	(Current) a. 181 psia @ 2184'	a.	a. 432 psia @ 4134'
	(Original) b. 894 psia @ 2184'	b.	b. 1171 psia @ 4134'
6. Oil Gravity (API) or Gas BTU Content	1087 Btu		1262 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: 01/31/99 Rates: 139 MCFD, 0.2 BOD	Date: Rates:	Date: 01/31/99 Rates: 104 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: 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. NMOC 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

**NEW MEXICO
OIL CONSERVATION COMMISSION**

Form C-128

Well Location and/or Gas Proration Plat

Date November 20, 1956

Operator Aztec Oil and Gas Company Lease Koch State

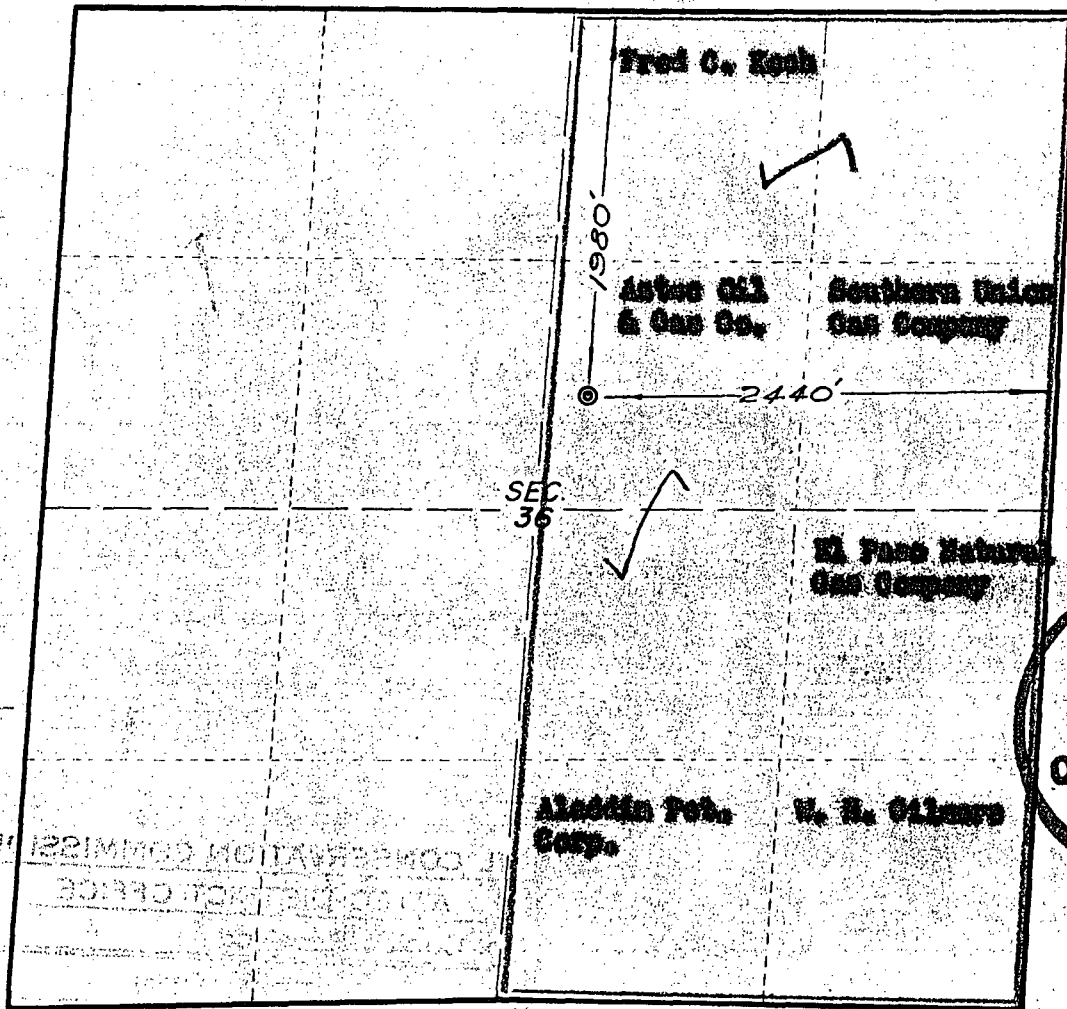
Well No. 1 Section 36 Township 29 North Range 9 West NMPM

Located 1980 Feet From North Line, 2440 Feet From East Line,

San Juan County, New Mexico. G. L. Elevation 5694, ungraded.

Name of Producing Formation Alameda Pool Alameda Dedicated Acreage 320

(Note: All distances must be from outer boundaries of Section)



T. 29 N.	R. 9 W.	R. 8 W.
25	30	
36	31	
1950		

NOTE

This section of form is to be used for gas wells only.



SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes ☒ No ☐
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage?
Yes ☐ No ☒

Name Joe C. Salmon
Position District Superintendent
Representing AZTEC OIL & GAS COMPANY
Address Box 166, Farmington, New Mexico

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed September 27, 1956

Ernest V. Echhawk
Ernest V. Echhawk
Reg. Land Surveyor, N. Mex., Reg. No. 1545

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date **November 20, 1956**

Operator **Aztec Oil and Gas Company** Lease **Koch-State**

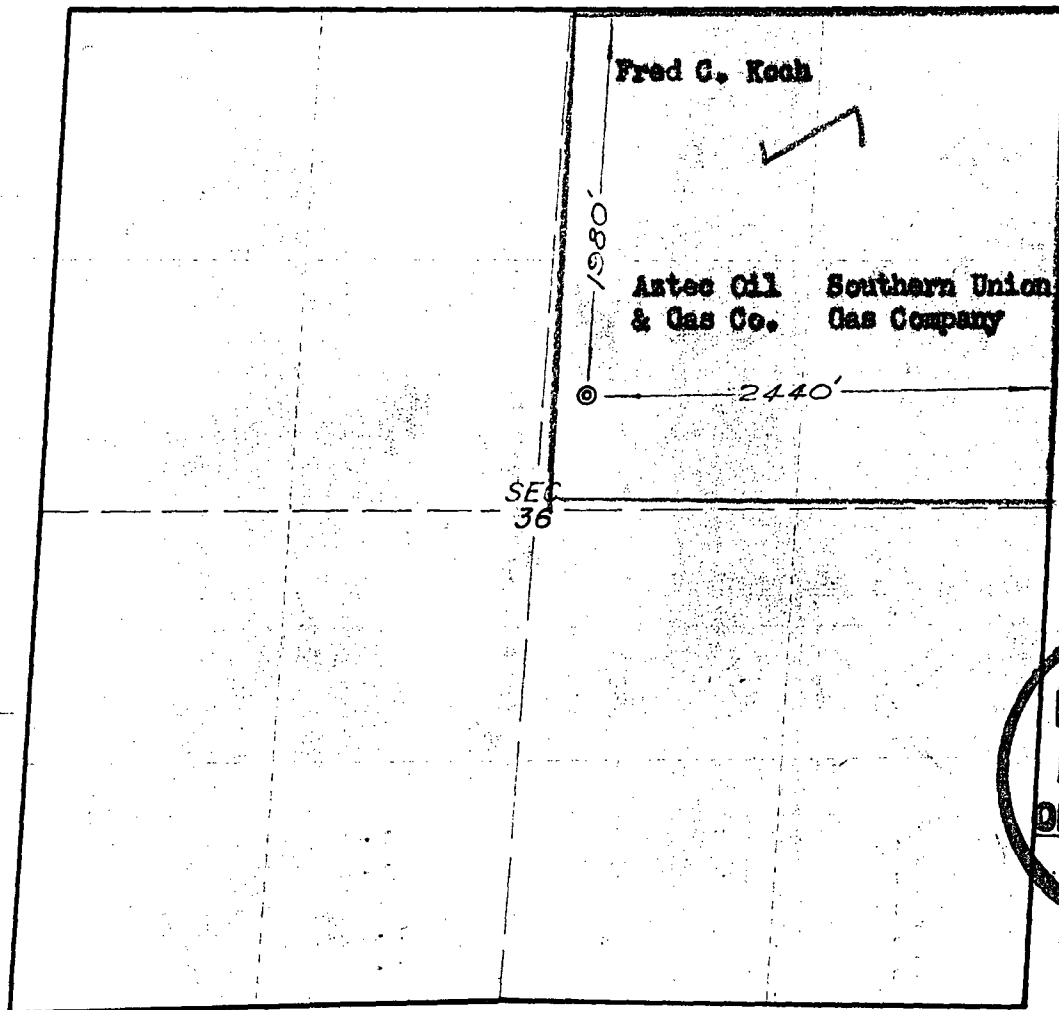
Well No. **1** Section **36** Township **29 North** Range **9 West** NMPM

Located **1980** Feet From **North** Line, **2440** Feet From **East** Line,

San Juan County, New Mexico. G. L. Elevation **5694**, ungraded.

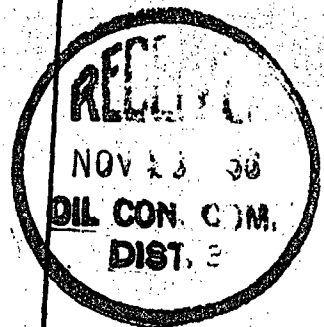
Name of Producing Formation **Pictured Cliffs** Pool **Blanca W. C.**, Dedicated Acreage **160**

(Note: All distances must be from outer boundaries of Section)



NOTE

This section of form is to be used for gas wells only.



SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes ☒ No ☐
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage?
Yes ☐ No ☒

Name **Joe C. Salmon**
Position **District Superintendent**
Representing **AZTEC OIL & GAS COMPANY**
Address **Box 786, Farmington, New Mexico**

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed **September 27, 1956**

Ernest V. Echohawk
Reg. Land Surveyor, N. Mex., Reg. No. 1545

KOCH STATE COM 1 1 40550-1 *Returned 21.8fs*

• OIL
• OIL/GAS
• GAS
• WATER
Mcf

100
100
1000
1000

10
10
100
100

1
1
10
10

0.1
0.1
1
1

DAILY RATE
TDS PRESSURE

Prop 113 *

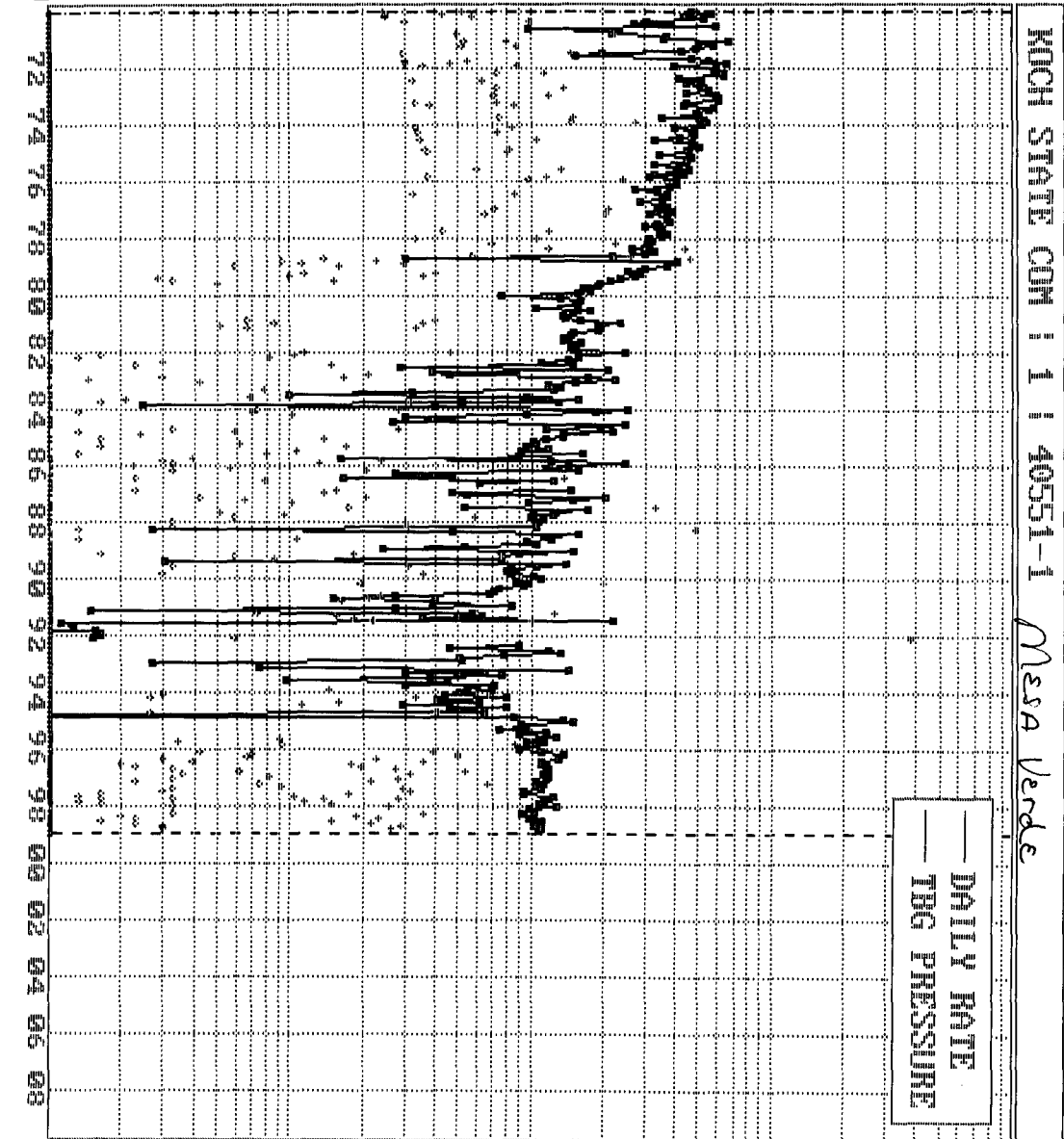
- ☐ • WATER Bbls/d
- ☒ • GAS Mcf/d
- ☐ • OIL/GAS Bbl/d
- ☐ • OIL Bbl/d

RateTime
Semi Log

72 74 76 78 80 82 84 86 88 90 92 94 96 98 00 02 04 06 08

Major = GAS

0.1	1	10	100	Mcf	• OIL
0.1	1	10	100		• OIL/GAS
1	10	100	1000		• GAS
1	10	100	1000		• WATER



Prop 114 *

- ☐ • WATER Bbls/d
- ☒ • GAS Mcf/d
- ☐ • OIL/GAS Bbl/d
- ☐ • 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

Mesa Verde

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

--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

Original

1/31/99

4,239,897

376

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

Pictured Cliffs

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

01/13/57	0	836.0	<i>ORIGINAL</i>
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 #1
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>		<u>MV-Current</u>	
GAS GRAVITY	0.609	GAS GRAVITY	0.715
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.22	%N2	0.26
%CO2	0.51	%CO2	0.79
%H2S	0	%H2S	0
DIAMETER (IN)	6.969	DIAMETER (IN)	5.012
DEPTH (FT)	2184	DEPTH (FT)	4134
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	96	BOTTOMHOLE TEMPERATURE (DEG F)	129
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	173	SURFACE PRESSURE (PSIA)	388
BOTTOMHOLE PRESSURE (PSIA)	181.4	BOTTOMHOLE PRESSURE (PSIA)	432.3
<u>PC-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.609	GAS GRAVITY	0.715
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.22	%N2	0.26
%CO2	0.51	%CO2	0.79
%H2S	0	%H2S	0
DIAMETER (IN)	6.969	DIAMETER (IN)	5.012
DEPTH (FT)	2184	DEPTH (FT)	4134
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	96	BOTTOMHOLE TEMPERATURE (DEG F)	129
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	848	SURFACE PRESSURE (PSIA)	1035
BOTTOMHOLE PRESSURE (PSIA)	894.1	BOTTOMHOLE PRESSURE (PSIA)	1171.2

FARMINGTON

ANNUAL PRODUCTION FOR 40550

PHS020M1

KOCH STATE COM 1

BLANCO PICTURED CLIFFS (GAS) FIELD PICTURED CLIFFS ZONE

===== OIL CUM =====			===== GAS CUM =====			===== WATER CUM =====	
PC	DATE	BBLS	PC	DATE	MCF	DATE	BBLS
02	6912	315	01	6912	558382		

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1990		630	58638	1685618		106
1991		630	52772	1738390		106
1992		630	56709	1795099		106
1993		630	60978	1856077		106
1994		630	60268	1916345		106
1995		630	58600	1974945		106
1996		630	57555	2032500		106
1997		630	58744	2091244		106
1998		630	45302	2136546		106

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

TRF FVD4 06/29/90 09:37:56:8 D03 11/19/87

FARMINGTON

1998 MONTHLY PRODUCTION FOR 40550

PHS030M1

KOCH STATE COM

1

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	5347	31	1066	15.025			
2	2	F					01	4759	28	1066	15.025			
3	2	F					01	4943	31	1066	15.025			
4	2	F					01	4733	30	1066	15.025			
5	2	F					01	4145	24	1066	15.025			
6	2	F					01	4619	30	1063	15.025			
7	2	F					01	4558	31	1063	15.025			
8	2	F					01	4220	31	1063	15.025			
9	2	F					01	4335	30	1063	15.025			
10	2	F					01	3643	31	1063	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 40551

PHS020M1

KOCH STATE COM 1

BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE

===== OIL CUM ===== GAS CUM ===== WATER CUM =====

PC	DATE	BBLs	PC	DATE	MCF	DATE	BBLs
02	6912	5074	01	6912	2099802		

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1990	65	11213	24746	4003548		546
1991	95	11308	12516	4016064		546
1992	18	11326	17501	4033565		546
1993	3	11329	17510	4051075		546
1994	29	11358	21919	4072994		546
1995	32	11390	38641	4111635		546
1996	131	11521	42850	4154485		546
1997	95	11616	40313	4194798		546
1998	63	11679	35388	4230186		546

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

TRF FVD4 06/29/90 07:59:57:6 D03 11/19/87

FARMINGTON

1998 MONTHLY PRODUCTION FOR 40551

PHS030M1

KOCH STATE COM

1

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	10		01	3901	31	1223	15.025			
2	2	F	28	02			01	2982	28	1223	15.025			
3	2	F	31	02			01	3168	31	1223	15.025			
4	2	F	30	02	10		01	2797	30	1223	15.025			
5	2	F	27	02	6		01	3151	27	1223	15.025			
6	2	F	30	02	7		01	2982	30	1217	15.025			
7	2	F	31	02	5		01	3362	31	1217	15.025			
8	2	F	31	02	7		01	3216	31	1217	15.025			
9	2	F	30	02	9		01	3154	30	1217	15.025			
10	2	F	31	02	9		01	3402	31	1217	15.025			
11	2	F					01	3273		1217	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

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.I.

Report Number : R_040

Sort By : Rounded (Y/N) : No

Print Date : 02/22/1999, 1:36:43 PM

Meter	Volume	Date	Ticket #	Volume	Heat Value	Period		Disp.	Prod.	Purchaser	Gatherer
						Start	End				
KOCH STATE COM	1	71679									
		11/01/1998	9200017844	113.00	140.00	11/01/1998	11/01/1998	20	100	EL PASO FIELD SERVIC	
		11/02/1998	9200017836	114.00	141.00	11/02/1998	11/02/1998	20	100	EL PASO FIELD SERVIC	
		11/03/1998	9200016549	109.00	135.00	11/03/1998	11/03/1998	20	100	EL PASO FIELD SERVIC	
		11/04/1998	9200016553	108.00	134.00	11/04/1998	11/04/1998	20	100	EL PASO FIELD SERVIC	
		11/05/1998	9200016528	107.00	133.00	11/05/1998	11/05/1998	20	100	EL PASO FIELD SERVIC	
		11/06/1998	9200016738	102.00	126.00	11/06/1998	11/06/1998	20	100	EL PASO FIELD SERVIC	
		11/07/1998	9200016743	127.00	157.00	11/07/1998	11/07/1998	20	100	EL PASO FIELD SERVIC	
		11/08/1998	9200016748	121.00	150.00	11/08/1998	11/08/1998	20	100	EL PASO FIELD SERVIC	
		11/09/1998	9200016671	81.00	100.00	11/09/1998	11/09/1998	20	100	EL PASO FIELD SERVIC	
		11/10/1998	9200016680	104.00	129.00	11/10/1998	11/10/1998	20	100	EL PASO FIELD SERVIC	
		11/11/1998	9200016697	116.00	144.00	11/11/1998	11/11/1998	20	100	EL PASO FIELD SERVIC	
		11/12/1998	9200016677	107.00	133.00	11/12/1998	11/12/1998	20	100	EL PASO FIELD SERVIC	
		11/13/1998	9200016289	115.00	142.00	11/13/1998	11/13/1998	20	100	EL PASO FIELD SERVIC	
		11/14/1998	9200016367	110.00	136.00	11/14/1998	11/14/1998	20	100	EL PASO FIELD SERVIC	
		11/15/1998	9200016346	108.00	134.00	11/15/1998	11/15/1998	20	100	EL PASO FIELD SERVIC	
		11/16/1998	9200016380	97.00	120.00	11/16/1998	11/16/1998	20	100	EL PASO FIELD SERVIC	
		11/17/1998	9200016776	119.00	147.00	11/17/1998	11/17/1998	20	100	EL PASO FIELD SERVIC	
		11/18/1998	9200016323	84.00	104.00	11/18/1998	11/18/1998	20	100	EL PASO FIELD SERVIC	
		11/19/1998	9200016320	126.00	156.00	11/19/1998	11/19/1998	20	100	EL PASO FIELD SERVIC	
		11/20/1998	9200016467	118.00	146.00	11/20/1998	11/20/1998	20	100	EL PASO FIELD SERVIC	
		11/21/1998	9200016503	113.00	140.00	11/21/1998	11/21/1998	20	100	EL PASO FIELD SERVIC	
		11/22/1998	9200016625	115.00	142.00	11/22/1998	11/22/1998	20	100	EL PASO FIELD SERVIC	
		11/23/1998	9200016635	111.00	138.00	11/23/1998	11/23/1998	20	100	EL PASO FIELD SERVIC	
		11/24/1998	9200016599	103.00	128.00	11/24/1998	11/24/1998	20	100	EL PASO FIELD SERVIC	
		11/25/1998	9200017960	106.00	131.00	11/25/1998	11/25/1998	20	100	EL PASO FIELD SERVIC	
		11/26/1998	9200017971	101.00	125.00	11/26/1998	11/26/1998	20	100	EL PASO FIELD SERVIC	
		11/27/1998	9200017932	121.00	150.00	11/27/1998	11/27/1998	20	100	EL PASO FIELD SERVIC	
		11/28/1998	9200017935	115.00	142.00	11/28/1998	11/28/1998	20	100	EL PASO FIELD SERVIC	
		11/29/1998	9200018038	112.00	140.00	11/29/1998	11/29/1998	20	100	EL PASO FIELD SERVIC	
		11/30/1998	9200017985	113.00	139.00	11/30/1998	11/30/1998	20	100	EL PASO FIELD SERVIC	
		11/1998		3,296.00	4,082.00						
		12/01/1998	8800002023	3,177.00	4,009.00	12/01/1998	12/31/1998	20	100	EL PASO FIELD SERVIC	
		1998		6,473.00	8,091.00						
		01/01/1999	8800000537	3,238.00	4,086.00	01/01/1999	01/31/1999	20	100	EL PASO FIELD SERVIC	
				9,711.00	12,177.00						
Totals --											
Totals - KOCH STATE COM	1	71785									
KOCH STATE COM	1	71785									
		11/01/1998	9200017796	169.00	183.00	11/01/1998	11/01/1998	20	100	EL PASO FIELD SERVIC	
		11/02/1998	9200017809	171.00	185.00	11/02/1998	11/02/1998	20	100	EL PASO FIELD SERVIC	
		11/03/1998	9200018103	150.00	162.00	11/03/1998	11/03/1998	20	100	EL PASO FIELD SERVIC	
		11/04/1998	9200018067	143.00	155.00	11/04/1998	11/04/1998	20	100	EL PASO FIELD SERVIC	
		11/05/1998	9200018050	135.00	146.00	11/05/1998	11/05/1998	20	100	EL PASO FIELD SERVIC	
		11/06/1998	9200018164	136.00	147.00	11/06/1998	11/06/1998	20	100	EL PASO FIELD SERVIC	
		11/07/1998	9200018113	141.00	153.00	11/07/1998	11/07/1998	20	100	EL PASO FIELD SERVIC	
		11/08/1998	9200018126	131.00	142.00	11/08/1998	11/08/1998	20	100	EL PASO FIELD SERVIC	
		11/09/1998	9200017469	5.00	5.00	11/09/1998	11/09/1998	20	100	EL PASO FIELD SERVIC	
		11/10/1998	9200017509	1.00	1.00	11/10/1998	11/10/1998	20	100	EL PASO FIELD SERVIC	
		11/11/1998	9200017440	3.00	3.00	11/11/1998	11/11/1998	20	100	EL PASO FIELD SERVIC	
		11/12/1998	9200017426	8.00	9.00	11/12/1998	11/12/1998	20	100	EL PASO FIELD SERVIC	
		11/13/1998	9200017342	168.00	182.00	11/13/1998	11/13/1998	20	100	EL PASO FIELD SERVIC	
		11/14/1998	9200017492	144.00	156.00	11/14/1998	11/14/1998	20	100	EL PASO FIELD SERVIC	
		11/15/1998	9200017533	144.00	156.00	11/15/1998	11/15/1998	20	100	EL PASO FIELD SERVIC	
		11/16/1998	9200017501	117.00	127.00	11/16/1998	11/16/1998	20	100	EL PASO FIELD SERVIC	

Today 3238 / 31 = 104.4515

PC

Gas Meter Vol. History (Act.)

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

Select By : Gas Meters

Pressure Base : None

Page No : 2

Units : A.P.I.

Report Number : R_040

Sort By :

Rounded (y/n) : No

Print Date : 02/22/1999, 1:36:43 PM

Meter	Volume Date	Ticket #	Volume	Heat Value	Period		Disp.	Prod.	Purchaser	Gatherer
					Start	End				
KOCH STATE COM	1	71785								
	11/17/1998	9200017290	11.00	12.00	11/17/1998	11/17/1998	20	100	EL PASO FIELD SERVIC	
	11/18/1998	9200017386	3.00	3.00	11/18/1998	11/18/1998	20	100	EL PASO FIELD SERVIC	
	11/19/1998	9200017408	124.00	134.00	11/19/1998	11/19/1998	20	100	EL PASO FIELD SERVIC	
	11/20/1998	9200017354	123.00	133.00	11/20/1998	11/20/1998	20	100	EL PASO FIELD SERVIC	
	11/21/1998	9200017364	128.00	139.00	11/21/1998	11/21/1998	20	100	EL PASO FIELD SERVIC	
	11/22/1998	9200018081	143.00	155.00	11/22/1998	11/22/1998	20	100	EL PASO FIELD SERVIC	
	11/23/1998	9200018242	139.00	150.00	11/23/1998	11/23/1998	20	100	EL PASO FIELD SERVIC	
	11/24/1998	9200018296	136.00	147.00	11/24/1998	11/24/1998	20	100	EL PASO FIELD SERVIC	
	11/25/1998	9200018190	141.00	153.00	11/25/1998	11/25/1998	20	100	EL PASO FIELD SERVIC	
	11/26/1998	9200018179	145.00	157.00	11/26/1998	11/26/1998	20	100	EL PASO FIELD SERVIC	
	11/27/1998	9200018233	143.00	155.00	11/27/1998	11/27/1998	20	100	EL PASO FIELD SERVIC	
	11/28/1998	9200017883	140.00	151.00	11/28/1998	11/28/1998	20	100	EL PASO FIELD SERVIC	
	11/29/1998	9200018215	143.00	155.00	11/29/1998	11/29/1998	20	100	EL PASO FIELD SERVIC	
	11/30/1998	9200017904	144.00	156.00	11/30/1998	11/30/1998	20	100	EL PASO FIELD SERVIC	
	Totals --		3,429.00	3,712.00						
	12/01/1998	8800002042	3,446.00	3,746.00	12/01/1998	12/31/1998	20	100	EL PASO FIELD SERVIC	
	1998		6,875.00	7,458.00						
	Totals --		4,299.00	4,673.00						
	01/01/1999	8800000710	11,174.00	12,131.00	01/01/1999	01/31/1999	20	100	EL PASO FIELD SERVIC	
Totals -- KOCH STATE COM	1	71785								
Report Totals			20,885.00	24,308.00						

30 days = $\frac{4299}{31} = 139 \text{ mcf/d}$

Liquid Meter-Tank Volume History

Friday, January 01, 1999 Through Sunday, January 31, 1999

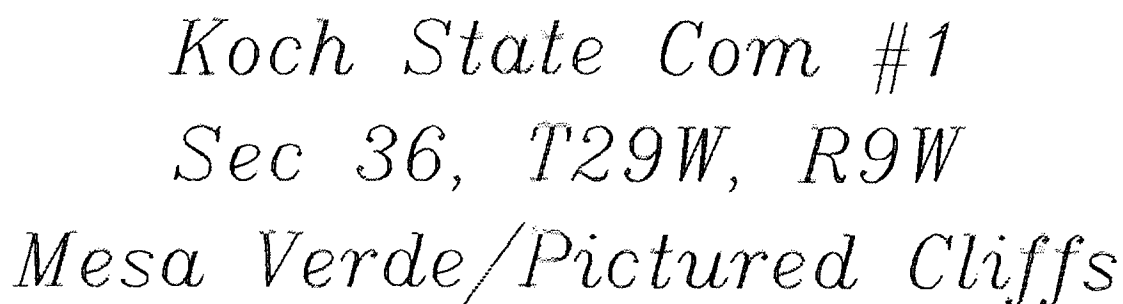
Select By : Tanks
Sort By :

Units : A.P.L.
Rounded (y/n) : No

Page No : 1
Report Number : R_028
Print Date : 02/22/1992:14:59 PM

Meter/Tank Name	Date	Ticket	Water Volume	Oil Volume	Grav	Product		Disposition	
						Code	Description	Code	Description
KOCH STATE COM	1	5882	29.11 29.11	157.62 163.41				910	BEGINNING INVENTORY
Total Production For KOCH STATE COM	1	58	0.00	5.79				970	ENDING INVENTORY
				5.79 31	2,280.00				

**Note: Ending Inventory for the report month is not available (N/A). The last available Ending Inventory during the report month will be used to calculate Production and Totals.



Mesa Verde/Pictured Cliffs

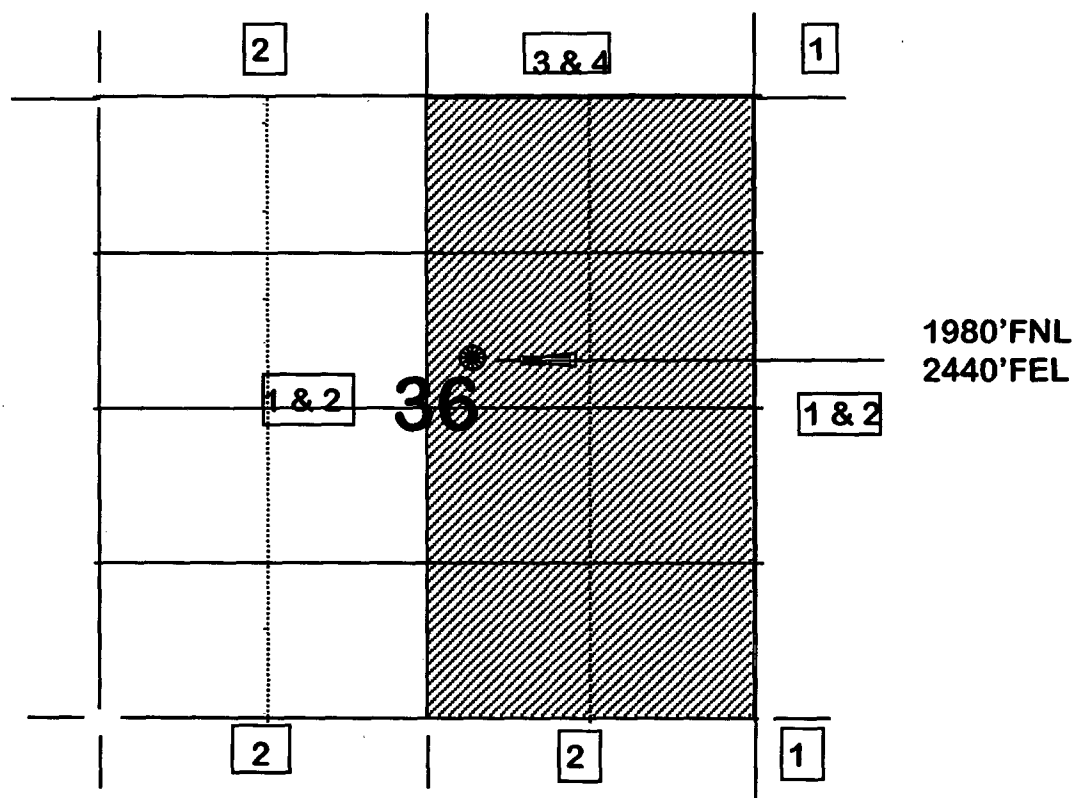
BURLINGTON RESOURCES OIL AND GAS COMPANY

Koch State Com #1

OFFSET OPERATOR \ OWNER PLAT

Mesaverde (E/2) / Pictured Cliffs (NE/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