

P.O. DRAWER 3337
FARMINGTON, NM 87499

PLCY0317429773

PLC

7/12/03
OFFICE: 505-327-0356
FAX: 505-327-9425
WVJ



COLEMAN OIL & GAS, INC.

Bryan Lewis
e-mail: cogblewis@yahoo.com

RECEIVED
JUN 20 2003
Oil Conservation Division

Thursday, June 19, 2003

Ms. Lori Wrotenbery
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, NM 87505-4000

Mr. Jim Lovato
Bureau Of Land Management
1235 La Plata Highway, Suite A
Farmington, NM 87401

RE: Application for Surface Commingling

Dear Ms. Wrotenbery and Mr. Lovato :

This is a request for approval to surface commingle the gas production from the wells listed below:

Section 33 - Township 32 North - Range 7 West, NMPM

Middle Mesa #2	NWSE	S. Los Pinos PC	30-045-23093
Middle Mesa Com #3S	SWSE	Basin Fruitland Coal	30-045-31369

San Juan County, New Mexico

- Proposed System.** Surface commingling will allow production through only one compressor as opposed to a compressor for each well, thereby allowing the containment of operating costs and prolonging the economic life of the wells. The wells are commingled upstream of a CPD meter (number 8510201) to reduce measurement costs. Both wells have an allocation meter on location. Williams Field Services will maintain the CPD meter and the applicant, Coleman Oil & Gas, Inc. ("Coleman") will maintain the allocation meters. The gas will flow into the Williams Field Services conventional gathering system, adjacent to the Middle Mesa #2 well in the NWSE of Section 33 – Township 32 North – Range 7 W.
- Location Map.** Exhibit 1 is a topographic map showing the locations of the wells subject to this Application for Surface Commingling.

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3. **Well, Locations and Lease Numbers.** Exhibits 2A – 2B consist of acreage dedication plats for the subject wells. The wells and acreage dedications are tabulated below.

Middle Mesa #2 Well

Lease Name/Number:	NM NM-033052
Legal Description	<u>Township 32 North, Range 7 West, NMPM</u>
	Section 33 W/2SE4
	80.00 acres more or less
Lease Name/Number:	NM SF-0-078998
Legal Description	<u>Township 32 North, Range 7 West, NMPM</u>
	Section 33 E/2SE4
	80.00 acres more or less

NOTE: The Form C102 Well Location and Acreage Dedication Plat surveyed March 18, 1978 lists 078998 as the lease covering the E/2SE4 and 078992 as the lease covering the W/2SE4. Serial Register Pages run on 06/18/03 and attached as Exhibits 2C and 2D shows that the E/2SE4 is covered by lease NM SF 0-078998 and the W/2SE is covered by lease NM NM-033052.

Middle Mesa Com #3S Well

Lease Name/Number:	NM NM-033052
Legal Description	<u>Township 32 North, Range 7 West, NMPM</u>
	Section 33 W/2SE4
	80.00 acres more or less
Lease Name/Number:	NM SF-0-078998
Legal Description	<u>Township 32 North, Range 7 West, NMPM</u>
	Section 33 E/2SE4
	80.00 acres more or less
Lease Name/Number:	NM NM-065906
Legal Description	<u>Township 32 North, Range 7 West, NMPM</u>
	Section 33 Lots 1(37.52), 2(37.46), 3(37.88), 4(37.94)
	150.08 acres more or less

NOTE: The Form C102 Well Location and Acreage Dedication Plat surveyed December 06, 2002 lists NM-65906 as the lease covering the S/2 of Section 33. Serial Register Pages run on 06/18/03 and attached as Exhibits 2C, 2D and 2E shows that the E/2SE4 is covered by lease NM SF 0-078998; the W/2SE is covered by lease NM NM-033052; and Lots 1-4 (aka SW) is covered by lease NM NM-065906.

Application for Surface Commingling

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Exhibit 3 is a list of the royalty, overriding royalty and working interest owners in the wells.

4. **Schematic Diagram.** Exhibits 5A through 5C are schematic diagrams of the proposed surface commingling facilities.
5. **Lease Use Gas.** Each well has a pumping unit that uses approximately 1.5 MCFD of lease use gas and a separator that uses approximately 0.5 MCFD of lease use gas. One 600 HP compressor on the Middle Mesa #2 location will serve the system using approximately 70 MFCD of lease use gas which is allocated equally between the wells subject to this Application for Surface Commingling. When and if additional equipment is added to the system lease use gas to operate such equipment will be split equally between producing wells upstream of such equipment.
6. **Mechanical Integrity.** The flow lines will be 4.5" O.D. - 0.188" wall thickness X42 steel gas pipeline with an internal yield strength of 2110 psig. This line and all connections will be pressure tested to 500 psig.

The maximum shut-in surface wellhead pressure in this area is 300 psig. The current average operating pressure of Williams' conventional gathering system is 350 psig. In the future the average operating pressure may drop to approximately 200 psig in this part of the Williams' gathering system. The maximum allowable operating pressure (MAOP) is approximately 500 psig.

7. **Production – Gravity/BTU.** The Middle Mesa Com #3S well is a new drill therefore no production data is currently available. Production data for the Middle Mesa # 2 well is attached as Exhibit 4A. There is no gas analysis available for the Middle Mesa Com #3S well so a gas analysis report for the Middle Mesa Com #3 well is attached in its place. The Middle Mesa Com #3 well is an offset to the #3S well and completed in the same formation so the gas analysis for these two wells should be very similar. When a gas analysis report for the #3S well is available it will be forwarded to your office under separate cover. Gas analysis reports are attached as Exhibits 4B – 4C. Neither of the wells produces liquid hydrocarbons.
8. **Allocation Formula.** All wells have an allocation meter on location. The production assigned to each well will be the integrated volume from the CPD meter less the sum of the other allocation meters plus lease use gas. As an example, the CPD meter indicates total production of 3,325 MCF. Other well 1 allocation meter indicates 400 MCF production. Other well 2 allocation meter indicates 350 MCF production. Other well 3 allocation meter indicates 1,200 MCF production. Other well 4 allocation meter indicates 275 MCF production. The sum of these other well allocation meters is 2,225 MCF. CPD meter of 3,325 MCF less the sum of other allocation meters of 2,225 MCF plus lease use gas of 2 MCF is 1,102 MCF, the

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calculated production of the well in question. When the sum of the allocation meters doesn't equal the CPD meter, the gas production from each well will be calculated according to the volume its allocation meter indicates was produced divided by the sum of all of the allocation meters (percent) multiplied by the CPD meter indicated production plus lease use gas. As an example, the CPD meter indicates an integrated volume of 40,000 MCF gas was produced but the sum of the allocation meters indicate that 39,000 MCF was produced. The allocation meter of the well in question indicates 10,000 MCF of production divided by the sum of the allocation meters (39,000 MCF) equals 25.64% multiplied by the CPD meter volume of 40,000 MCF equals 10,256 MCF plus lease use gas of 60 MCF totals 10,316 MCF, the calculated production of the well in question. Royalties will be paid on the volumes according to applicable MMS and State of New Mexico guidelines.

9. **Line Purging.** It is anticipated that line purging will occur infrequently. Any lost gas due to purging the system will be allocated equally to each of the wells.
10. **Purged Fluids.** Any fluids purged will be natural gas and condensed water vapor.
11. **Meter Calibration Schedule.** Williams will calibrate the CPD meter at least once each quarter, more frequently with higher gas volumes. Coleman will calibrate the allocation meters semi annually.
12. **Gas Analysis Schedule.** Williams Field Services will analyze the gas from the commingled stream at least twice a year, more frequently with higher gas volumes.
13. **Effective Date.** It is requested that the approval for the Surface Commingling contemplated herein be effective the date that the Middle Mesa Com #3S is first delivered into the Williams Field Services gathering system. The system has been operational since the fall of 1978 when the Middle Mesa #2 well commenced commercial production.

Sincerely,

COLEMAN OIL & GAS, INC.



Bryan Lewis
Landman

Application for Surface Commingling

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<i>Attachments:</i>	<i>Exhibit 1</i>	<i>Topographic maps</i>	<i>(No extra COG file copy)</i>
	<i>Exhibit 2A - 2B</i>	<i>Acreage dedication plats</i>	<i>(No extra COG file copy)</i>
	<i>Exhibit 2C - 2E</i>	<i>Serial Register Pages</i>	
	<i>Exhibit 3</i>	<i>List of owners in leases</i>	
	<i>Exhibit 4A</i>	<i>Production data</i>	
	<i>Exhibit 4B - 4C</i>	<i>Gas analysis reports</i>	<i>(No extra COG file copy)</i>
	<i>Exhibit 5A - 5C</i>	<i>Schematic diagrams</i>	

cc:

*Mr. Frank Chavez, Supervisor District 3
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410*

COLEMAN OIL & GAS INC. MIDDLE MESA COM #3S

1175' FSL & 1610' FEL, SECTION 33, T32N, R7W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

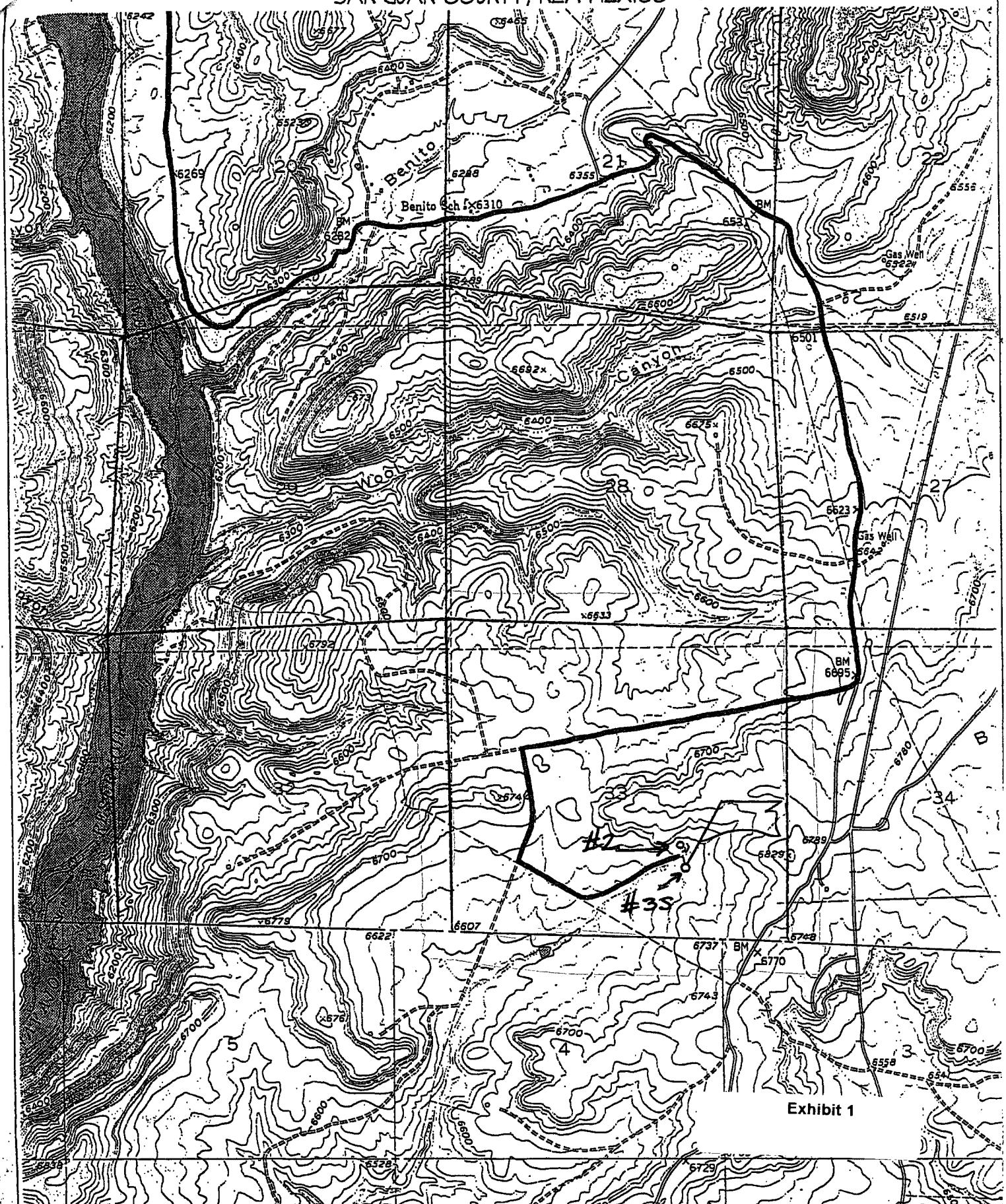


Exhibit 1

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

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

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

Operator Northwest Exploration Company			Lease Middle Mesa			Well No. 2
Unit Letter J	Section 33	Township 32N	Range 7W	County San Juan		
Actual Footage Location of Well:						
1520 feet from the South		line and 1640	feet from the East	line		
Ground Level Elev. 6687	Producing Formation Pictured Cliffs	Pool Undesignated	Dedicated Acreage: 160 Acres			

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communityization, unitization, forced-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 communityization, 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. <i>Dale E. Richardson</i>
						Name Dale E. Richardson
						Position Drilling Engineer
						Company Northwest Pipeline Corp.
						Date 3/21/78
						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. <i>Fred B. Kerr Jr.</i>
						Date Surveyed March 18, 1978
						Registered Professional Engineer and/or Land Surveyor Fred B. Kerr Jr.
						Certificate No. 3950
Sec 						
Exhibit 2A						
980 2310 2640 2000 1500 1000 500 0						

District I
Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

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, 1991
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code	*Pool Name
	71629	Basin Fruitland Coal
*Property Code	*Property Name	*Well Number
	MIDDLE MESA COM	3S
*OGRID No.	*Operator Name	*Elevation
4838	COLEMAN OIL & GAS, INC.	6680

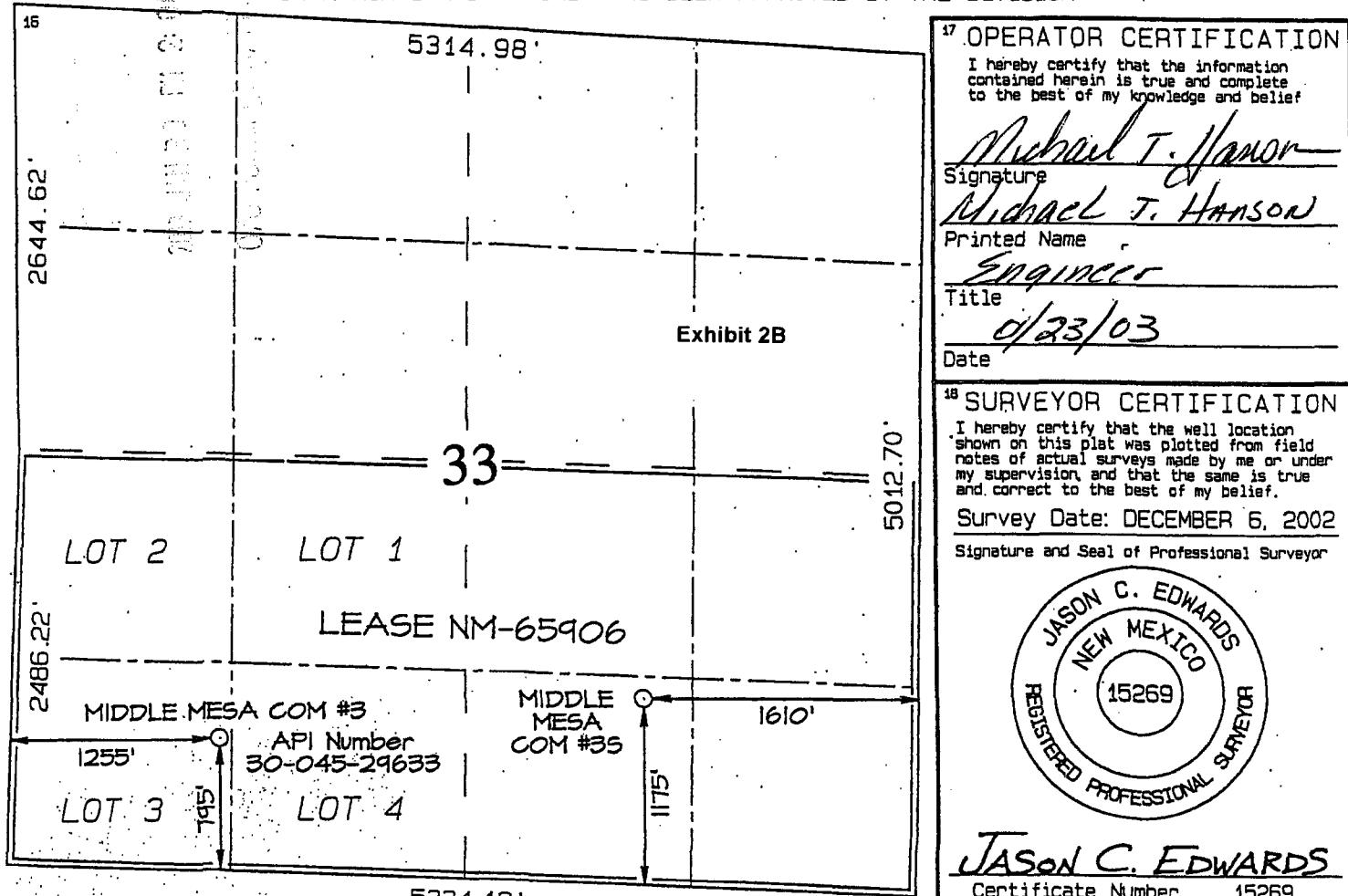
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	32N	7W		1175	SOUTH	1610	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

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					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

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



**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

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Page 1 of 2

01 02-25-1920;041STAT0437;30USC181ETSEQ
Case Type 312011: O&G LSE COMP PUBLIC
Commodity 459: OIL & GAS L
Case Disposition: AUTHORIZED

Total Acres
80.000

Serial Number
NMNM-- 033052

Serial Number: NMNM-- 033052

Name & Address	Int Rel % Interest
COLEMAN OIL & GAS INC	OPERATING RIGHTS 0.00000000
PANTERA ENERGY CO	OPERATING RIGHTS 0.00000000
PITTENCRIEF AMER INC	OPERATING RIGHTS 0.00000000
VAN RYAN LAWRENCE O	LESSEE 100.00000000

Serial Number: NMNM-- 033052

Mer Twp Rng Sec	STyp SNr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0320N 0070W 033	ALIQ	W2SE;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

23 0320N 0070W 733 FF L1-4 ASGN; FARMINGTON SAN JUAN BUREAU OF LAND MGT

Serial Number: NMNM-- 033052

Act Date	Code	Action	Action Remarks	Pending Offic
02/20/1978	387	CASE ESTABLISHED	PARCEL #46	
02/21/1978	196	BID ACCEPTED		
05/01/1978	496	FUND CODE	05;145003	
05/01/1978	532	RLTY RATE 12.5-25% SCH B		
05/01/1978	868	EFFECTIVE DATE		
05/08/1978	237	LEASE ISSUED		
06/01/1978	246	LEASE COMMITTED TO CA	1298	
08/28/1978	650	HELD BY PROD - ACTUAL		
09/22/1978	102	NOTICE SENT-PROD STATUS		
08/01/1982	246	LEASE COMMITTED TO CA	SCR-456	
09/24/1984	932	TRF OPER RGTS FILED		
10/01/1984	570	CASE SEGREGATED BY ASGN	INTO NMNM65906;	
10/10/1984	140	ASGN FILED	NW EXPL/LO VAN RYAN	
01/22/1986	139	ASGN APPROVED	EFF 11/01/84;	
05/29/1986	933	TRF OPER RGTS APPROVED	EFF 10/01/84;	
06/26/1986	963	CASE MICROFILMED	CNUM 557,777 GLC	
06/20/1988	974	AUTOMATED RECORD VERIF	HKG/BAV	
08/31/1992	932	TRF OPER RGTS FILED	ULTRAMAR/PANTERA	
10/14/1992	933	TRF OPER RGTS APPROVED	EFF 09/01/92;	
10/14/1992	974	AUTOMATED RECORD VERIF	BTM/JS	
03/29/1993	451	DEFAULT DETERMINED		
06/30/1993	453	DEFAULT CORRECTED		
07/20/1993	974	AUTOMATED RECORD VERIF	SSP	
03/17/1998	932	TRF OPER RGTS FILED	GEOVEST/PITTENCRIEFF	
03/20/1998	932	TRF OPER RGTS FILED	PITTENCRIEF/COLEMAN	
03/20/1998	932	TRF OPER RGTS FILED	PITTENCRIEFF/COLEMAN	
06/24/1998	933	TRF OPER RGTS APPROVED	(1)EFF 04/01/98;	
06/24/1998	933	TRF OPER RGTS APPROVED	(2)EFF 04/01/98;	
06/24/1998	933	TRF OPER RGTS APPROVED	(3)EFF 04/01/98;	
06/24/1998	974	AUTOMATED RECORD VERIF	LR	
09/09/1998	246	LEASE COMMITTED TO CA	NMMN 99454	

Line Nr Remarks

Serial Number: NMNM-- 033052

0002 BONDED OPERATOR -
0003 6/24/1998 - THOMPSON ENG & PROD CORP - NM2292 - S/W;

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

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01 02-25-1920;041STAT0437;30USC181ETSEQ
Case Type 312011: O&G LSE COMP PUBLIC
Commodity 459: OIL & GAS L
Case Disposition: AUTHORIZED

Total Acres
150.800

Serial Number
NMNM-- - 065906

Serial Number: NMNM-- - 065906

Name & Address	Int Rel	% Interest
COLEMAN OIL & GAS INC PO BOX 3337	FARMINGTON NM 87499	LESSEE 100.0000000000

Serial Number: NMNM-- - 065906

Mer Twp Rng Sec	STyp SNr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0320N 0070W 033	LOTS	1-4;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 065906

Act Date	Code	Action	Action Remarks	Pending Offic
05/01/1978	387	CASE ESTABLISHED		
05/01/1978	496	FUND CODE	05;145003	
05/01/1978	532	RLTY RATE 12.5-25% SCH B		
05/01/1978	868	EFFECTIVE DATE		
08/25/1978	650	HELD BY PROD - ACTUAL		
08/25/1978	658	MEMO OF 1ST PROD-ACTUAL	#1/1/ CLB	
09/22/1978	102	NOTICE SENT-PROD STATUS		
01/22/1986	553	CASE CREATED BY ASGN	OUT OF NMNM33052;	
06/23/1986	600	RECORDS NOTED		CYG
06/26/1986	963	CASE MICROFILMED	CNUM 557,776 GLC	
06/20/1988	974	AUTOMATED RECORD VERIF	GEA/VG	
07/10/1992	974	AUTOMATED RECORD VERIF	RAYO/AMR	
08/31/1992	140	ASGN FILED	ULTRAMAR/PANTERA	
10/14/1992	139	ASGN APPROVED	EFF 09/01/92; BTM/JS	
10/14/1992	974	AUTOMATED RECORD VERIF	/1/ CLB	
06/03/1993	643	PRODUCTION DETERMINATION	GEOVEST/PITTENCREIFF	
03/17/1998	140	ASGN FILED	PANTERA/COLEMAN	
03/20/1998	140	ASGN FILED	PITTENCREIFF/COLEMAN	
03/20/1998	140	ASGN FILED	(1)EFF 04/01/98;	
04/14/1998	139	ASGN APPROVED	(2)EFF 04/01/98;	
04/14/1998	139	ASGN APPROVED	(3)EFF 04/01/98;	
04/14/1998	974	AUTOMATED RECORD VERIF	LR	
06/16/1998	575	APD FILED	THOMPSON ENG & PROD	
06/29/1998	576	APD APPROVED	3 MIDDLE MESA COM LB	
09/09/1998	246	LEASE COMMITTED TO CA	NMMNM99454;	

Serial Number: NMNM-- - 065906

Line Nr	Remarks
0002	BONDED OPERATOR -
0003	4/13/1998 - PHILLIPS PETROLEUM CO - ES0048 - N/W;
0004	PER FARMINGTON DO

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

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01 02-25-1920;041STAT0437;30USC226
Case Type 311111: O&G LSE NONCOMP PUB LAND
Commodity 459: OIL & GAS L
Case Disposition: AUTHORIZED

**Total Acres
1,718.910**

**Serial Number
NMSF-- 0 078998**

Serial Number: NMSF-- 0 078998

Name & Address	Int Rel	% Interest		
CONOCOPHILLIPS CO	PO BOX 7500	BARTLESVILLE OK 74005	LESSEE	100.000000000
NORTHWEST PPLN CORP	PO BOX 58900	SALT LAKE CITY UT 841580900	OPERATING RIGHTS	0.000000000
PHILLIPS-SAN JUAN	PO BOX 7500	BARTLESVILLE OK 740057500	OPERATING RIGHTS	0.000000000
QUATRO FINALE LLC	245 PARK AVE 2ND FL	NEW YORK NY 10167	OPERATING RIGHTS	0.000000000
QUATRO FINALE V LLC	245 PARK AVE	NEW YORK NY 10067	OPERATING RIGHTS	0.000000000
WILLIAMS PRODUCTION CO	PO BOX 58900	SALT LAKE CITY UT 841580900	OPERATING RIGHTS	0.000000000
WILLIAMS PRODUCTION CO LLC	ONE WILLIAMS CENTER	TULSA OK 74172	OPERATING RIGHTS	0.000000000

Serial Number: NMSF-- 0 078998

Mer Twp Rng Sec	STyp SNr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0310N 0070W 009	ALIQ	N2;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT
23 0310N 0070W 017	ALL	ENTIRE SECTION	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT
23 0310N 0070W 018	ALIQ	E2NE,SENW,E2SW,NESE,SWSE;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT
23 0310N 0070W 018	LOTS	5-10;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT
23 0320N 0070W 033	ALIQ	E2SE;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT
23 0320N 0070W 034	ALIQ	S2;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMSF-- 0 078998

23 0310N 0070W 714	FF	W2W2,SENW ASGN;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGT
23 0310N 0070W 715	FF	ALL ASGN;	FARMINGTON	SAN JUAN	BUREAU OF LAND MGT

Act Date	Code	Action
01/27/1947	124	APLN RECD
04/01/1948	237	LEASE ISSUED
04/01/1948	496	FUND CODE
04/01/1948	530	RLTY RATE - 12 1/2%
04/01/1948	868	EFFECTIVE DATE
09/01/1950	570	CASE SEGREGATED BY ASGN
12/16/1952	232	LEASE COMMITTED TO UNIT
12/16/1952	501	REFERENCE NUMBER
04/01/1953	235	EXTENDED
08/14/1953	650	HELD BY PROD - ACTUAL
10/30/1953	500	GEOGRAPHIC NAME
10/30/1953	510	KMA CLASSIFIED
11/27/1956	102	NOTICE SENT-PROD STATUS
09/11/1970	909	BOND ACCEPTED
04/29/1974	932	TRF OPER RGT'S FILED
06/01/1978	246	LEASE COMMITTED TO CA
02/20/1979	933	TRF OPER RGT'S APPROVED
08/01/1982	246	LEASE COMMITTED TO CA
09/02/1987	974	AUTOMATED RECORD VERIF
09/14/1988	963	CASE MICROFILMED
01/01/1990	246	LEASE COMMITTED TO CA
06/18/1990	575	APD FILED
09/14/1990	575	APD FILED
09/14/1990	575	APD FILED
09/18/1990	575	APD FILED
09/20/1990	576	APD APPROVED
10/15/1990	576	APD APPROVED
10/15/1990	576	APD APPROVED

Serial Number: NMSF-- 0 078998
Action Remarks **Pending Offic**

05;145003	
INTO NMNM03356; NMNM78423X;SJUAN 32-7 UA-1408001441; THRU 03/30/58;	
SAN JUAN FLD;	
EFF 09/05/70;ES0048 EL PASO NAT/NW PPLN SRM 1298; EFF 05/01/74; SCR 456;	
DGT/KG	
CNUM 104,825 NMNM84048;	
(1)	
(2)	
214 SJ 32-7 UNIT JC 229 SJ 32-7 U CLB 231 SJ 32-7 U CLB	

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

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10/24/1990	576	APD APPROVED	227 SJ 32-7 UNIT JC
01/01/1991	246	LEASE COMMITTED TO CA	NMNM87134;
01/29/1991	974	AUTOMATED RECORD VERIF	BTM/BTM
02/25/1991	140	ASGN FILED	NORTHWEST/PHILLIPS
02/25/1991	932	TRF OPER RGTS FILED	PHILLIPS/NORTHWEST
03/06/1991	932	TRF OPER RGTS FILED	NW PPLN/WILLIAMS PROD
03/14/1991	575	APD FILED	
04/03/1991	660	MEMO OF 1ST PROD-ALLOC	CA NMNM84048,#213,/1/
04/15/1991	139	ASGN APPROVED	EFF 03/01/91;
04/15/1991	933	TRF OPER RGTS APPROVED	EFF 03/01/91;
04/15/1991	974	AUTOMATED RECORD VERIF	RAO/CG
04/15/1991	974	AUTOMATED RECORD VERIF	RAO/JG
05/13/1991	933	TRF OPER RGTS APPROVED	EFF 04/01/91;
05/13/1991	974	AUTOMATED RECORD VERIF	RAO/CG
05/15/1991	576	APD APPROVED	301 SJ 32-7 UNIT JC
07/09/1991	643	PRODUCTION DETERMINATION	/1/ CLB
09/17/1991	575	APD FILED	
03/26/1992	932	TRF OPER RGTS FILED	PHILLIPS/P SAN JUAN
04/29/1992	933	TRF OPER RGTS APPROVED	EFF 04/01/92;
04/29/1992	974	AUTOMATED RECORD VERIF	TF/JS
12/11/1992	932	TRF OPER RGTS FILED	PHILLIPS/PHILLIPS PET
12/11/1992	932	TRF OPER RGTS FILED	PHILLIPS/PHILLIPS-SAN
01/20/1993	899	TRF OF ORR FILED	
02/03/1993	933	TRF OPER RGTS APPROVED	EFF 01/01/93;
02/03/1993	974	AUTOMATED RECORD VERIF	LO/JS
04/27/1993	578	APD REJECTED	#230 SJ 32-7 U CLB
07/27/1993	933	TRF OPER RGTS APPROVED	EFF 01/01/93;
07/27/1993	974	AUTOMATED RECORD VERIF	BCO/MV
07/07/1994	932	TRF OPER RGTS FILED	(1)PHILLIPS/SAN JUAN
07/07/1994	932	TRF OPER RGTS FILED	(2)PHILLIPS/SAN JUAN
08/25/1994	933	TRF OPER RGTS APPROVED	P SAN JUAN/PHILLIPS
08/25/1994	974	AUTOMATED RECORD VERIF	EFF 08/01/94;
09/07/1994	933	TRF OPER RGTS APPROVED	TF/TF
09/07/1994	974	AUTOMATED RECORD VERIF	EFF 08/01/94;
02/24/1997	899	TRF OF ORR FILED	TF/TF
06/30/1997	932	TRF OPER RGTS FILED	
07/11/1997	933	TRF OPER RGTS APPROVED	WILLIAMS/QUATRO FINAL
07/11/1997	974	AUTOMATED RECORD VERIF	EFF 07/01/97;
07/15/1997	575	APD FILED	ANN
10/09/1997	576	APD APPROVED	PHILLIPS PETRO CO LB
09/09/1998	246	LEASE COMMITTED TO CA	230 SAN JUAN 32-7 MJ
12/14/1998	899	TRF OF ORR FILED	NMNM99454;
04/21/2000	899	TRF OF ORR FILED	
05/14/2001	932	TRF OPER RGTS FILED	QUATRO FINALE LLC;1
05/24/2001	932	TRF OPER RGTS FILED	WILLIAMS PRODUCTION;1
06/27/2001	933	TRF OPER RGTS APPROVED	01EFF 06/01/01;
06/27/2001	933	TRF OPER RGTS APPROVED	02EFF 06/01/01;
06/27/2001	974	AUTOMATED RECORD VERIF	MV
01/16/2003	817	MERGER RECOGNIZED	CONOCO/CONOCOPHILLIPS

Line Nr Remarks

0002 MMS AUDIT ASSESSMENT REPORT FROM 02/28/1994 TO
0003 06/30/1994
0004 LESSEE BONDED ES0048/NW

Serial Number: NMSF-- 0 078998

EXHIBIT "3"
LIST OF OWNERS

	Middle Mesa #2	Middle Mesa Com #3S
	NM NM 033052	NM NM 033052
	NM SF 0-078998	NM SF 0-078998
	NM NM 065906	
<hr/>		
REVENUE INTEREST		
Royalty Owners		
DOI - MMS	0.12500000	0.12500000
Working Interest Owners		
Coleman Oil & Gas, Inc. et al	0.43312500	0.64327702
Peak Production Company	0.00437500	0.00649775
ConocoPhillips Company	0.43750000	0.22522523
Total Revenue Interests	1.00000000	1.00000000

Well: MIDDLE MESA **No.:** 2
Operator: COLEMAN OIL & GAS INC **API:** 30-045-23093
Township: 32N **Range:** 07W
Section: 33 **Unit:** J
Land Type: F **County:** San Juan
Total Acreage: 160
Number of completions: 1

Accumulated:

Oil:	950 (BBLS)	Gas:	759361 (MCF)
Water:	1240 (BBLS)	Days On:	3491 (Days)

Pool Name:	LOS PINOS;FRT SND PC SOUTH (G)					
Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1993	6	7167	0	31	6	7167
February 1993	17	6195	0	26	23	13362
March 1993	7	7052	0	28	30	20414
April 1993	1	6710	0	30	31	27124
May 1993	0	6779	0	31	31	33903
June 1993	0	6240	0	30	31	40143
July 1993	0	3708	0	24	31	43851
August 1993	0	6123	0	31	31	49974
September 1993	53	6133	0	30	84	56107
October 1993	10	4746	4	19	94	60853
November 1993	7	4425	0	19	101	65278
December 1993	4	6902	8	31	105	72180
Total	105	72180	12	330		

Pool Name:	LOS PINOS;FRT SND PC SOUTH (G)					
Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1994	3	4940	4	30	108	77120
February 1994	1	3879	0	30	109	80999
March 1994	3	5675	0	30	112	86674
April 1994	4	5802	0	30	116	92476
May 1994	8	6040	0	29	124	98516
June 1994	5	5750	0	29	129	104266
July 1994	2	5753	0	31	131	110019
August 1994	17	6090	0	31	148	116109
September 1994	9	5432	0	29	157	121541
October 1994	7	6083	0	31	164	127624
November 1994	15	5972	0	30	179	133596
December 1994	28	6489	0	31	207	140085
Total	102	67905	4	361		

Well: MIDDLE MESA **No.:** 2
Operator: COLEMAN OIL & GAS INC **API:** 30-045-23093
Pool Name: LOS PINOS;FRT SND PC SOUTH (G)

Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1995	18	6611	0	31	225	146696
February 1995	10	5483	0	26	235	152179
March 1995	13	6406	0	31	248	158585
April 1995	5	6242	0	30	253	164827
May 1995	15	6589	2	29	268	171416
June 1995	13	6143	1	30	281	177559
July 1995	11	6116	0	30	292	183675
August 1995	9	5853	0	31	301	189528
September 1995	18	6257	0	30	319	195785
October 1995	15	6206	0	31	334	201991
November 1995	14	5841	0	30	348	207832
December 1995	10	6089	0	31	358	213921
Total	151	73836	3	360		

Pool Name: LOS PINOS;FRT SND PC SOUTH (G)

Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1996	3	5736	0	29	361	219657
February 1996	20	5837	0	29	381	225494
March 1996	10	5914	0	31	391	231408
April 1996	14	5659	0	30	405	237067
May 1996	11	5744	0	26	416	242811
June 1996	8	6197	0	26	424	249008
July 1996	6	5963	0	31	430	254971
August 1996	4	5880	0	31	434	260851
September 1996	6	5751	0	30	440	266602
October 1996	3	5244	0	25	443	271846
November 1996	3	4835	0	24	446	276681
December 1996	8	7419	0	24	454	284100
Total	96	70179	0	336		

Pool Name: LOS PINOS;FRT SND PC SOUTH (G)

Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1997	15	5750	0	24	469	289850
February 1997	18	5415	0	27	487	295265
March 1997	19	6526	0	31	506	301791
April 1997	10	5456	0	30	516	307247
May 1997	16	5686	0	31	532	312933
June 1997	11	5455	0	31	543	318388
July 1997	11	5667	0	31	554	324055
August 1997	8	5527	0	31	562	329582
September 1997	15	5376	0	30	577	334958
October 1997	18	6447	0	31	595	341405
November 1997	1	6407	0	30	596	347812
December 1997	1	6032	0	31	597	353844
Total	143	69744	0	358		

Well: MIDDLE MESA **No.:** 2
Operator: COLEMAN OIL & GAS INC **API:** 30-045-23093
Pool Name: LOS PINOS;FRT SND PC SOUTH (G)

Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1998	1	5830	0	31	598	359674
February 1998	0	6033	0	28	598	365707
March 1998	7	5631	0	31	605	371338
April 1998	27	6120	120	30	632	377458
May 1998	18	7535	119	30	650	384993
June 1998	26	7216	120	29	676	392209
July 1998	2	7459	97	25	678	399668
August 1998	0	6609	86	29	678	406277
September 1998	0	7616	93	30	678	413893
October 1998	0	6593	93	31	678	420486
November 1998	3	5956	78	26	681	426442
December 1998	4	5419	0	28	685	431861
Total	88	78017	806	348		

Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 1999	0	8902	78	31	685	440763
February 1999	0	6832	65	26	685	447595
March 1999	0	7961	78	31	685	455556
April 1999	55	7232	45	30	740	462788
May 1999	0	2311	25	5	740	465099
June 1999	0	9030	21	28	740	474129
July 1999	5	8052	0	30	745	482181
August 1999	0	8114	31	31	745	490295
September 1999	0	7223	0	30	745	497518
October 1999	0	7632	0	31	745	505150
November 1999	0	537	0	28	745	505687
December 1999	0	188	0	1	745	505875
Total	60	74014	343	302		

Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 2000	0	6782	0	28	745	512657
February 2000	0	5117	0	18	745	517774
March 2000	0	8718	0	30	745	526492
April 2000	25	3451	1	25	770	529943
May 2000	12	7677	0	30	782	537620
June 2000	9	7091	0	30	791	544711
July 2000	2	7366	15	30	793	552077
August 2000	9	7390	16	31	802	559467
September 2000	0	7096	10	30	802	566563
October 2000	0	7162	0	29	802	573725
November 2000	0	4883	0	21	802	578608
December 2000	5	8037	15	31	807	586645
Total	62	80770	57	333		

Well: MIDDLE MESA **No.:** 2
Operator: COLEMAN OIL & GAS INC **API:** 30-045-23093

Pool Name:	LOS PINOS;FRT SND PC SOUTH (G)					
Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 2001	0	7429	15	31	807	594074
February 2001	0	6418	0	28	807	600492
March 2001	9	6870	0	30	816	607362
April 2001	0	6812	0	28	816	614174
May 2001	0	6613	0	31	816	620787
June 2001	0	6725	0	30	816	627512
July 2001	0	7022	0	31	816	634534
August 2001	105	7073	0	31	921	641607
September 2001	0	6632	0	30	921	648239
October 2001	0	6357	0	29	921	654596
November 2001	2	5962	0	30	923	660558
December 2001	0	7142	0	29	923	667700
Total	116	81055	15	358		

Pool Name:	LOS PINOS;FRT SND PC SOUTH (G)					
Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 2002	0	6782	0	30	923	674482
February 2002	3	5926	0	25	926	680408
March 2002	2	6212	0	28	928	686620
April 2002	2	6315	0	27	930	692935
May 2002	1	7152	0	31	931	700087
June 2002	4	6703	0	30	935	706790
July 2002	0	6175	0	26	935	712965
August 2002	2	7033	0	31	937	719998
September 2002	0	6561	0	30	937	726559
October 2002	2	6636	0	29	939	733195
November 2002	2	6451	0	29	941	739646
December 2002	4	6766	0	31	945	746412
Total	22	78712	0	347		

Pool Name:	LOS PINOS;FRT SND PC SOUTH (G)					
Month	Oil	Gas	Water	Days On	Cum Oil	Cum Gas
January 2003	2	6998	0	31	947	753410
February 2003	3	5951	0	27	950	759361
Total	5	12949	0	58		

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SUMMARY OF MOST RECENT GAS ANALYSES PAGE 4

Station ID: 85102

Station Name: MIDDLE MESA #2

Analysis No.: 147273 170747 247692 260631 274789 291553 306440

Analysis Source: 85102 85102 85102 85102 85102 85102 85102

Lab Identifier: I622 I703 I235 I306 K904 K626 K278

Sample From Date: 08/14/95 08/06/96 12/28/98 09/22/99 07/24/00 08/09/01 07/22/02

Sample To Date: 08/14/95 08/06/96 12/28/98 09/22/99 07/24/00 08/09/01 07/22/02

Analyzed Date: 08/17/95 08/16/96 12/31/98 09/27/99 07/26/00 08/21/01 07/30/02

Effective Date: 09/01/95 09/01/96 01/01/99 09/29/99 08/01/00 08/22/01 07/31/02

http://us.f413.mail.yahoo.com/ym>ShowLetter?box=Inbox&MsgId=6612_670726_4657_1070_23126_0_5840_101101_2983891785 6/16/03

Number 1 Number 2 Number 3 Number 4 Number 5 Number 6 Number 7

Components Mol % Mol % Mol % Mol % Mol % Mol % Mol %

Methane C1 86.7161 86.8229 86.7859 86.1481 86.4519 86.3910 86.7221

Ethane C2 7.8999 7.6471 7.8561 7.9319 7.9741 7.9490 7.8579

Propane C3 2.9790 2.5010 2.8830 2.9780 3.0180 2.9650 2.8930

Iso-butane IC4 0.5660 0.5240 0.5200 0.5450 0.5270 0.5350 0.5260

Normal-butane NC4 0.6620 0.7680 0.6410 0.7010 0.6530 0.6720 0.6490

Iso-pentane IC5 0.2170 0.2490 0.2320 0.2640 0.1970 0.2450 0.2310

Normal-pentane NC5 0.1600 0.1780 0.2020 0.1980 0.1070 0.1790 0.1680

Hexanes C6 0.3930 0.5970 0.3360 0.5680 0.5000 0.5470 0.4330

Heptanes C7 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Octanes C8

Nonanes C9 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Decanes C10 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Nitrogen N2 0.0000 0.1510 0.1740 0.2170 0.1500 0.0880 0.1370

Carbon Dioxide CO2 0.4070 0.5620 0.3700 0.4490 0.4220 0.4290 0.3830

Carbon Monoxide CO 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Hydrogen Sulfide H2S 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Helium HE 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Specific Gravity: 0.6623 0.6659 0.6601 0.6703 0.6645 0.6677 0.6623

Ideal Specific Grav: 0.0000 0.0000 0.6584 0.6686 0.6628 0.6660 0.6606

Dry BTU : 1171.9929 1171.1323 1166.6251 1179.8769 1172.6474 1178.4213 1170.3477

Pressure Base: 14.7300 14.7300 14.7300 14.7300 14.7300 14.7300 14.7300

Ideal BTU: 0.0000 0.0000 1163.2187 1176.3288 1169.1780 1174.8958 1166.9061

Z-Factor: 0.9971 0.9971 0.9971 0.9971 0.9971 0.9971 0.9971

GPM

Ethane C2 2.113 2.045 2.101 2.121 2.131 2.125 2.100

Propane C3 0.821 0.689 0.794 0.821 0.831 0.816 0.797

Iso-butane IC4 0.185 0.171 0.170 0.178 0.172 0.175 0.172

Normal-butane NC4 0.209 0.242 0.202 0.221 0.206 0.212 0.205

Iso-pentane IC5 0.079 0.091 0.085 0.097 0.072 0.090 0.085

Normal-pentane NC5 0.058 0.064 0.073 0.072 0.039 0.085 0.061

Hexanes C6 0.171 0.260 0.147 0.248 0.218 0.239 0.189

Heptanes C7 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Octanes C8 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Nonanes C9 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Decanes C10 0.000 0.000 0.000 0.000 0.000 0.000 0.000

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SUMMARY OF MOST RECENT GAS ANALYSES PAGE 5

Station ID: 61027

Station Name: MIDDLE MESA COM #3

Analysis No.: 266271 268001 269239 270730 294064 294107 309492

Analysis Source: 61027 61027 61027 61027 61027 61027 61027

Lab Identifier: K514 K592 K653 K721 K682 K718 K424

Sample From Date: 01/01/00 03/01/00 04/01/00 05/01/00 09/19/01 10/03/01 10/10/02

Sample To Date: 02/01/00 03/01/00 04/01/00 05/01/00 09/19/01 10/03/01 10/10/02

Analyzed Date: 02/02/00 03/07/00 04/03/00 05/02/00 09/21/01 10/04/01 10/17/02

Effective Date: 02/01/00 03/01/00 04/01/00 05/01/00 10/01/01 10/04/01 10/10/02

Number 1 Number 2 Number 3 Number 4 Number 5 Number 6 Number 7

Components Mol % Mol % Mol % Mol % Mol % Mol % Mol %

Methane C1 92.8150 93.2351 93.0740 92.7559 92.2649 92.2871 92.0980

Ethane C2 0.3190 0.1930 0.1730 0.1870 0.1980 0.2300 0.2240

Propane C3 0.0490 0.0000 0.0000 0.0000 0.0030 0.0150 0.0130

Iso-butane IC4 0.0160 0.0020 0.0020 0.0000 0.0020 0.0000 0.0000

Normal-butane NC4 0.0120 0.0000 0.0000 0.0010 0.0020 0.0050 0.0000

Iso-pentane IC5 0.0050 0.0010 0.0010 0.0000 0.0000 0.0020 0.0000

Normal-pentane NC5 0.0010 0.0020 0.0000 0.0000 0.0020 0.0000 0.0000

Hexanes C6 0.0270 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Heptanes C7 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Octanes C8

Nonanes C9 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Decanes C10 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Nitrogen N2 0.1310 0.0770 0.1030 0.0460 0.0370 0.0000 0.0000

Carbon Dioxide CO2 6.6250 6.4899 6.6470 7.0101 7.4911 7.4609 7.6650

Carbon Monoxide CO 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Hydrogen Sulfide H2S 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Helium HE 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Specific Gravity: 0.6228 0.6190 0.6205 0.6238 0.6286 0.6284 0.6302

Ideal Specific Grav: 0.6217 0.6179 0.6194 0.6227 0.6275 0.6273 0.6292

Dry BTU : 951.0474 949.4502 947.3807 944.3371 939.8155 940.9483 938.6305

Pressure Base: 14.7300 14.7300 14.7300 14.7300 14.7300 14.7300 14.7300

Ideal BTU: 949.0368 947.4620 945.3960 942.3515 937.8302 938.9579 936.6430

Z-Factor: 0.9979 0.9979 0.9979 0.9979 0.9979 0.9979 0.9979

GPM

Ethane C2 0.085 0.052 0.046 0.050 0.053 0.061 0.060

Propane C3 0.014 0.000 0.000 0.000 0.001 0.004 0.004

Iso-butane IC4 0.005 0.001 0.001 0.000 0.001 0.000 0.000

Normal-butane NC4 0.004 0.000 0.000 0.000 0.001 0.002 0.000

Iso-pentane IC5 0.002 0.000 0.000 0.000 0.000 0.001 0.000

Normal-pentane NC5 0.000 0.001 0.000 0.000 0.001 0.000 0.000

Hexanes C6 0.012 0.000 0.000 0.000 0.000 0.000 0.000

Heptanes C7 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Octanes C8 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Nonanes C9 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Decanes C10 0.000 0.000 0.000 0.000 0.000 0.000 0.000

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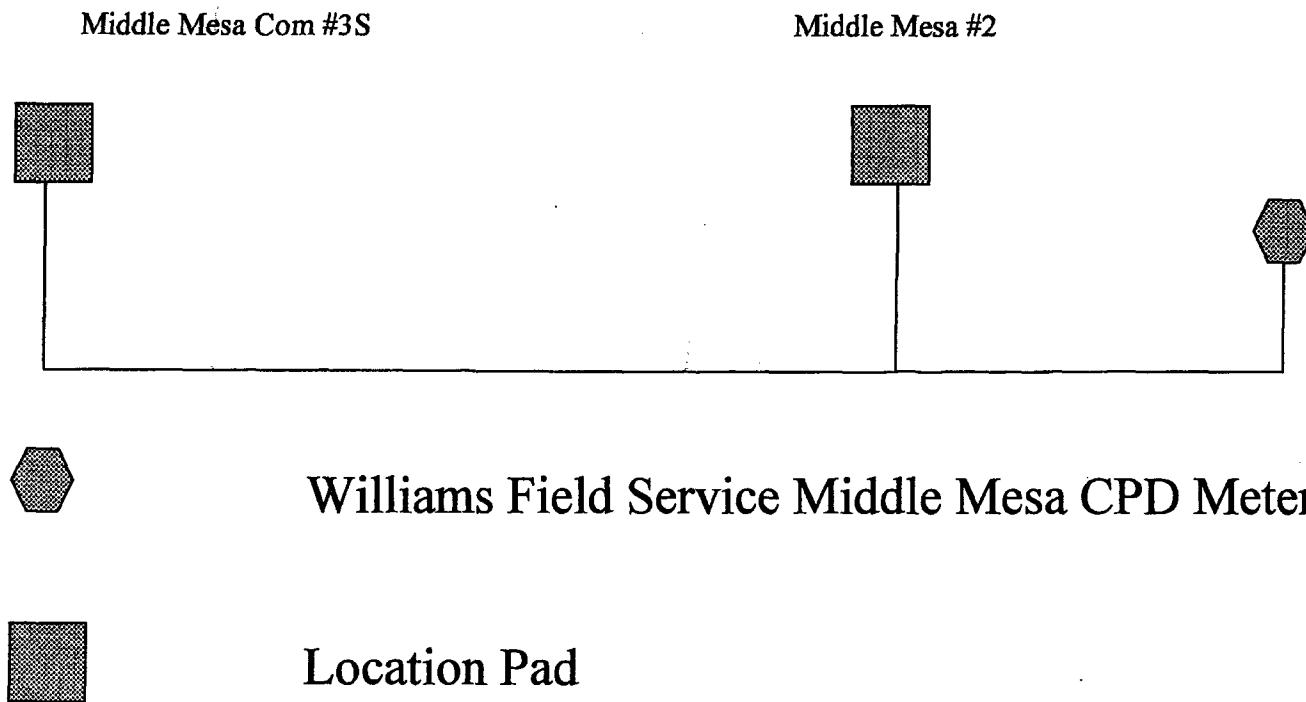
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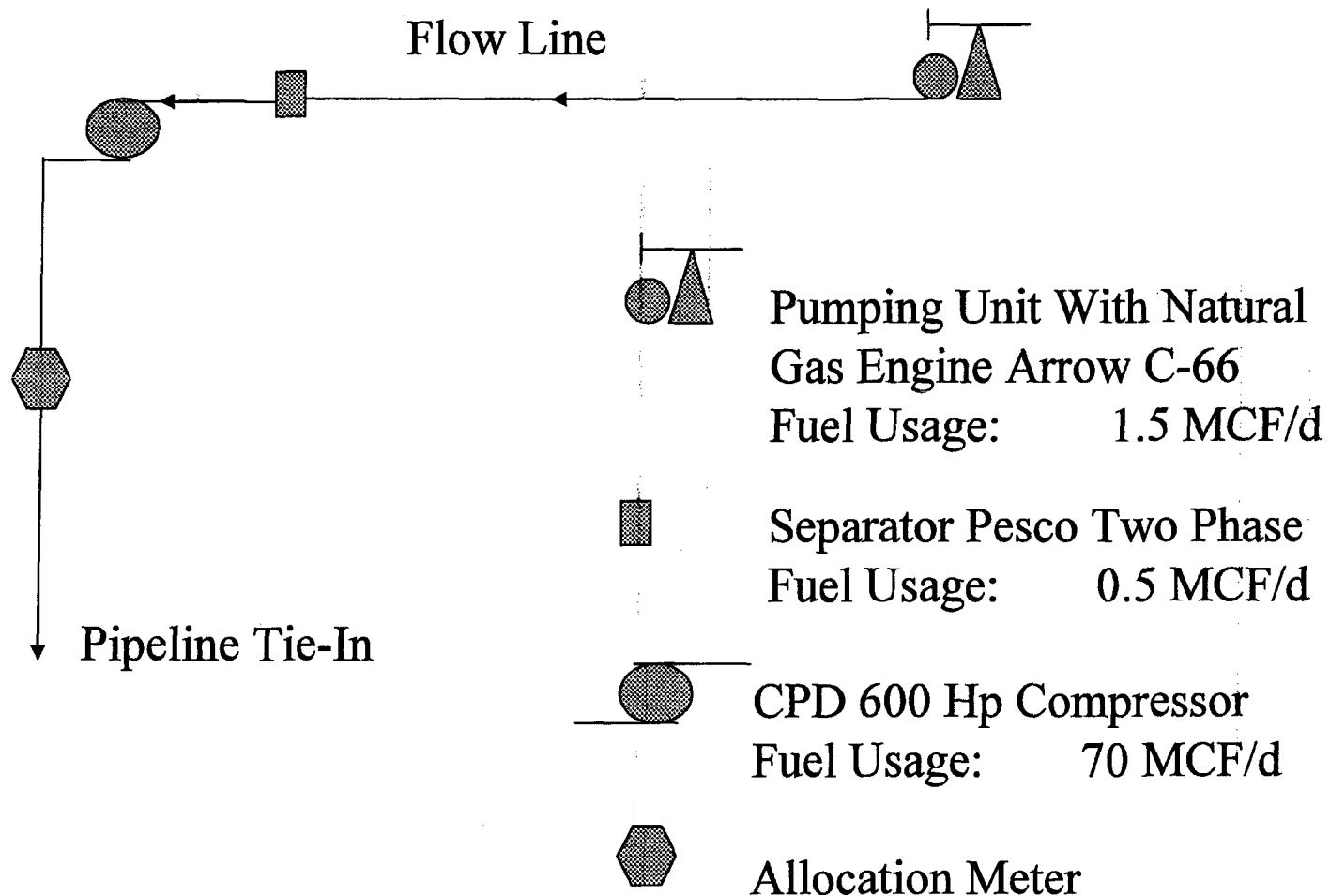
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Middle Mesa CPD Surface Commingle



Middle Mesa #2 Surface Facility



Middle Mesa Com #3S Surface Facility

