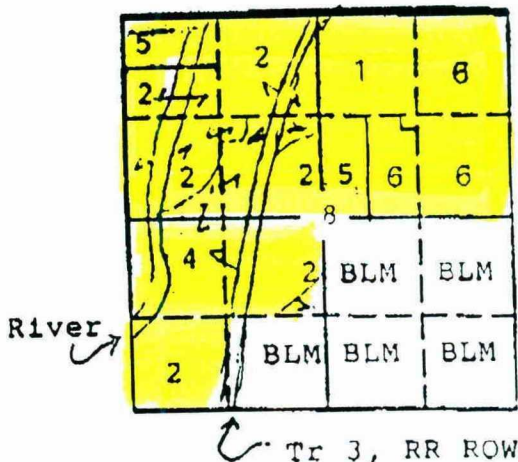


OWNERSHIP REPORT



Posspect: Arch Rock

T31N, R10W, NMPM  
Sec 8: N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$   
Containing 440 acres, more or less  
San Juan County, NM  
Unless otherwise indicated, below the Mesaverde Formation

This ownership was compiled from a cursory check of the tract index at Guardian Abstract & Title Company in Farmington NM from patent to 3-31-95 (the date of last posting of this index) and the Grantor Grantee index of the San Juan County Clerk and Recorder in Aztec NM 3-31-95 to 5-12-96. This ownership report is limited to the information reviewed in these records.

BROKER: Terry A. Moores DATE: 5-12-96  
Terry A. Moores

TRACT#	WORKING INTEREST OWNER	%INT	NET REV INT
1.	Amoco Production Company PO Box 800 Denver CO 80201	85.00%	.875 X .85 = .74375 NRI
NW $\frac{1}{4}$ NE $\frac{1}{4}$ & 1 acre in E $\frac{1}{4}$ SWNE 41 ac	Meridian Oil Inc. 2919 Allen Parkway, #900 Houston Tx 77019	15.00%	.875 X .15 = .13125 NRI

Fee Leases:

1 ac in E $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ :  
B210 P105-Sprott  
LOR 12.5%

NW $\frac{1}{4}$ NE $\frac{1}{4}$  less RR ROW:  
B186 P149-McEwen  
LOR 12.5%

RR ROW in NW $\frac{1}{4}$ NE $\frac{1}{4}$ :  
B205 P47-Den & Rio G RR Co  
LOR 12.5%

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
EXHIBIT NO. <u>P</u>
CASE NO. <u>11808 + 11809</u>

2. NE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$  West of River  
(a) All that part of the SE $\frac{1}{4}$ NW $\frac{1}{4}$  and NE $\frac{1}{4}$ SW $\frac{1}{4}$  lying East of the RR ROW and desc as follows: Beg at a point where the E line of SE $\frac{1}{4}$ NW $\frac{1}{4}$  crosses a certain sand arroya, thence Westerly along center of said arroya to the intersection of the RR ROW, thence in a Southerly direction along the East line of RR ROW to the intersection of the South line of NE $\frac{1}{4}$ SW $\frac{1}{4}$ , or the North line of the ROW of a public road running along the South line of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ , thence E along said line to a point where the public road turns to a NEasterly course, thence along the North line of said public road to a point of intersection with the E line of NE $\frac{1}{4}$ SW $\frac{1}{4}$ , thence N along

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 DURANGO CO 81302  
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OWNERSHIP REPORT  
 Page 2 of 4

T31N, R10W, NMPM  
 Sec 8: N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$  CONT

(tract 2 cont)

the E line of the NE $\frac{1}{4}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ NW $\frac{1}{4}$  to the point of beg.

- (b) Beg at the NW corner of SE $\frac{1}{4}$ NW $\frac{1}{4}$ , thence E along the N line of said forty 576 $\frac{1}{2}$  feet to a point, thence in a Southerly direction parallel with the W line of RR ROW 300 feet to a point, thence W to the W line of said forty thence N along W line of said forty 300 feet to point of beginning.  
 All that part of SW $\frac{1}{4}$ NW $\frac{1}{4}$  lying N of the sand arroya and E of the Animas River.

All that part of S $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$  East of Animas River

- (c) All that part of SW $\frac{1}{4}$ NW $\frac{1}{4}$  West of the Animas River.  
 Less the RR ROW as it crosses the E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$  (9.3 ac) Containing 155.2 acres, more or less

Amoco Production Company	74.375%	.74375 X .875
PO Box 800		= .65078125
Denver CO 80201		NRI

Cross Timbers Oil Company,	13.125%	.13125 X .875
L.P.		= .1148437
810 Houston St, #2000		NRI
Fort Worth TX 76102		

Lee Wayne Moore and JoAnn	6.25%	.875 X .0625
Montgomery Moore, Trustees		= .0546875
Midland TX		NRI

George William Umbach	3.125%	.875 X .03125
Las Vegas NV		= .02734375
		NRI

Robert Warren Umbach	3.125%	.875 X .03125
Farmington NM		= .02734375
		NRI

Fee Leases:  
 NE $\frac{1}{4}$ NW $\frac{1}{4}$   
 B186 P149-McEwen  
 LOR 12.5%

Tract (c) and S $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$  West of River:  
 B172 P346 corr B210 P61-Brandenburg, O.  
 B172 P348 corr B210 P60-Brandenburg, C.  
 Both above 12.5% LOR

Tract (a):  
 B175 P265-Welk  
 B175 P267-Boyd  
 B175 P304-Whitley  
 B182 P39-Shryrock  
 all 4 above 12.5% LOR

Tract (b):  
 B172 P354-Smith  
 LOR 12.5%

SW $\frac{1}{4}$ SW $\frac{1}{4}$ :  
 B172 P340-Brown  
 B172 P361-Boyd  
 B172 P365-Hottell  
 all 3 above 12.5% LOR

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## OWNERSHIP REPORT

Page 3 of 4

T31N, R10W, NMPM  
 Sec 8: N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$  CONT

3. RR ROW as it crosses E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$  9.3 ac m/l

Amoco Production Company	74.375	.875 X .74375
PO Box 800		= .6507812 NRI
Denver CO 80201		

Cross Timbers Oil Company, L.P.	13.125%	.875 X .13125
810 Houston St, #2000		= .1148437
Fort Worth TX 76102		NRI

Lee Wayne Moore and JoAnn Montgomery Moore, Trustees	6.25%	.875 X .0625
Midland TX		= .0546875
		NRI

George William Umbach	3.125%	.875 X .03125
Las Vegas NV		= .02734375
		NRI

Robert Warren Umbach	3.125%	.875 X .03125
Farmington NM		= .02734375
		NRI

Fee Leases:  
 RR ROW in SW $\frac{1}{4}$ SW $\frac{1}{4}$ :  
 B197 P5-Den & Rio G W RR Co  
 LOR 12.5%

RR ROW in E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ :  
 B205 P47-Den & Rio G W RR Co  
 LOR 12.5%

4. N $\frac{1}{2}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$  less tracts 2(a), (b), (c) above.  
 Containing 95.5 acres, more or less

Amoco Production Company	100.00%	.875 X 1.0
PO Box 800		= .875 NRI
Denver CO 80201		

Fee Lease:  
 B135 P129-Pierce, T.  
 LOR 12.5%

B224 P19-Pierce, L.  
 LOR 12.5%

5. Amoco Production Company	50.00%	.50 X .665
N $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , PO Box 800		= .3325NRI
W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Denver CO 80201		

40 ac below Dakota	Conoco, Inc.	50.00%	.50 X .665
	PO Box 1267		= .3325NRI
	Ponca City OK		

Fee Leases:  
 N $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ :  
 B125 P52-Carruthers  
 LOR 12.5%

W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ :  
 B192 P27-Sprott  
 LOR 12.5%

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OWNERSHIP REPORT  
 Page 4 of 4

T31N,R10W, NMPM  
 Sec 8: N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$  CONT

Overriding Royalty:  
 All below burden both leases above:

B126 P568  
 Moore to Mudge Oil, res 2.5%

B146 P633  
 Mudge to Delhi, res 15% gas, 20% oil to revert to WI if  
 prod falls below 500,000cf gas or 15 bbls oil per day.  
 This ORR is to take effect after payout.

B587 P2  
 Delhi to Tenn. and Conoco, res 5% of net (3.5%)

6.	Amoco Production Company	77.91729%	.7791729 X
E $\frac{1}{2}$ NE $\frac{1}{4}$ ,	PO Box 800		.875 =
E $\frac{1}{2}$ SWNE.	Denver CO 80201		.6817762 NRI
less			
1 ac	Meridian Oil Inc.	13.75011%	.1375011 X
99 ac	2919 Allen Parkway, #900		.875 =
	Houston TX 77019		.1203134 NRI
	Lee Wayne Moore and JoAnn	4.1663%	.875 X .041663
	Montgomery Moore, Trustees		= .0364551
	Midland TX		NRI
	George William Umbach	2.08315%	.875 X .0208315
	Las Vegas NV		= .0182275
			NRI
	Robert Warren Umbach	2.08315%	.875 X .0208315
	Farmington NM		= .0182275
			NRI

Fee Lease:  
 B200 P75-Marcotte  
 LOR 12.5%