

AMOCO PRODUCTION COMPANY
DENVER REGION
NMOCD HEARING
JUNE 8, 1983
CASE 7898
GAS ANALYSES
MOUNT NEBO FRUITLAND FIELD
SAN JUAN COUNTY, NEW MEXICO

Fruitland Wells	Date Tested	Helium	Nitrogen	Carbon Dioxide	Methane	Ethane	Propane	Isobutane	Normal Butane	Pentane	Hexane +	BTU	GR
Keys Gas Com E1 SE NW NW 27-32N-10W	3/77	0.00	0.09	1.09	95.06	1.54	0.82	0.23	0.46	0.48	0.23	1,066	0.6070
	12/81	0.13	0.03	0.77	93.63	1.51	0.97	0.25	0.63	0.86	1.22	1,125	0.6413
	12/81	0.00	0.00	0.80	93.36	1.57	0.90	0.08	0.68	0.99	1.62	1,143	0.6531
	6/82	0.00	0.03	1.15	94.66	1.81	0.93	0.24	0.46	0.55	0.17	1,070	0.6090
Holmberg Gas Com A1 SE NW NE 28-32N-10W	12/81	0.00	0.00	0.18	92.85	2.11	1.49	0.16	0.76	0.69	1.76	1,162	0.6555
	12/81	0.17	0.03	0.14	93.23	2.09	1.65	0.44	0.73	0.60	0.92	1,131	0.6352
	9/82	0.00	0.03	0.19	94.48	2.11	1.62	0.45	0.54	0.39	0.19	1,096	0.6100

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Annote EXHIBIT NO. 16(A,B,C)
CASE NO. 7898, 7899, 7900

Note: Numbers are volume %
TAB749

AMOCO PRODUCTION COMPANY
DENVER REGION
NMOC D HEARING
JUNE 8, 1983
CASE 7898
GAS ANALYSES
MOUNT NEBO FRUITLAND FIELD
SAN JUAN COUNTY, NEW MEXICO

Pictured Cliff Wells

Date Tested	Helium	Nitrogen	Carbon Dioxide	Methane	Ethane	Propane	Isobutane	Normal Butane	Pentane	Hexane +	BTU	GR
Martinez Gas Com A1												
9/77	0.00	0.15	1.37	89.07	5.83	2.12	0.34	0.54	0.32	0.26	1,115	0.6440
12/81	0.09	0.17	1.52	86.10	6.57	2.53	0.32	0.63	0.35	1.72	1,184	0.6930
11/82	0.00	0.33	1.70	87.99	5.74	2.20	0.32	0.57	0.30	0.85	1,130	0.6625
Gardner Gas Com No. 1												
12/81	0.30	0.21	1.74	89.44	4.75	1.60	0.11	0.48	0.27	1.19	1,114	0.6524
9/82	0.00	0.22	1.78	90.02	4.86	1.89	0.30	0.44	0.24	0.25	1,095	0.6370
*Valentine Gas Com B1												
9/79	0.17	0.12	5.91	93.70	0.00	0.07	0.00	0.00	0.00	0.03	950	0.6122
12/81	0.00	0.25	5.77	93.26	0.42	0.09	0.03	0.04	0.04	0.10	964	0.6190
9/82	0.00	0.20	5.56	93.21	0.54	0.28	0.05	0.07	0.04	0.05	971	0.6190
Leeper Gas Com C1												
10/80	0.00	0.15	1.49	90.16	5.09	1.93	0.33	0.42	0.25	0.18	1,098	0.6340
NE SE SW 34-32N-10W												

Note: Numbers are volume %
SLS:jal

060683
TAB749

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Amoco EXHIBIT NO. 17 (A,B,C)
CASE NO. 7898, 7899, 7900

*Believed to be in communication with Fruitland Coal.

AMOCO PRODUCTION COMPANY
DENVER REGION
NMOC D HEARING
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WATER ANALYSES

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Boone EXHIBIT NO. 18(48c)
CASE NO. 7898, 7899, 7900

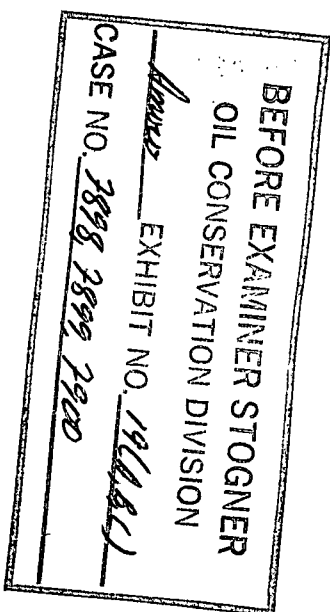
Well Name	Prod Zone	No. Samples	TDS	Sodium	Chloride	Bicarbonate
Cahn Gas Com No. 1 SW NE NW 32-32N-10W	Coal	11	17,059	5,734	869	13,095
Schneider Gas Com "B" No. 1S NE SW SW 28-32N-10W	Coal	3	18,913	5,399	783	12,305
State Gas Com "BW" No. 1 SE NW NE 32-32N-10W	Coal	4	19,392	5,939	1,684	12,593
Keys Gas Com E1 SE NW NW 27-32N-10W	Fruitland	5	9,805	3,956	1,666	7,491
Gardner Gas Com No. 1 SW NE SE 33-32N-10W	P. C.	2	15,881	5,883	7,601	2,743
Leeper Gas Com C1 NE SE SW 34-32N-10W	P. C.	3	15,741	5,771	7,787	2,446
Compton Gas Com No. 1 SW NW SW 33-32N-10W	P. C.	2	13,223	5,080	6,107	3,276
* Valentine Gas Com B1 SW NE NE 32-32N-10W	P. C.	1	8,501	3,546	900	7,784

Note: Numbers are ppm

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RESERVOIR PRESSURES



Well Name	Test Zone	Date Comp.	Type of Test	Reservoir Pressure - psi
Cahn Gas Com No. 1 SW NE NW 33-32N-10W	Coal	5/77	SI BHPBU	1562 1465
Schneider Gas Com "B" No. 1S NE SW SW 28-32N-10W	Coal	8/81	BHPBU	1362
State Gas Com "BW" No. 1 SE NW NE 32-32N-10W	Coal	12/82	BHPBU	1421
Keys Gas Com A2 NW SE NW 27-32N-10W	Coal	12/81	DST	1590
Keys Gas Com E1 SE NW NW 27-32N-10W	Fruitland	2/72	SI	1267
Holmberg Gas Com A1 SE NW NE 28-32N-10W	Fruitland	12/72	SI	1287
Scott No. 1 NW SE NE 29-32N-10W	Fruitland	5/52	DST (8)	1580 (Max)
Martinez Gas Com H1 NW SE SW 32-32N-10W	P. C.	11/73	SI	1094
*Valentine Gas Com B1 SW NE NE 32-32N-10W	P. C.	12/76	SI	1040

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RESERVOIR PRESSURES

<u>Well Name</u>	<u>Test Zone</u>	<u>Date Comp.</u>	<u>Type of Test</u>	<u>Reservoir Pressure - psi</u>
Gardner Gas Com No. 1 SW NE SE 33-32N-10W	P. C.	6/79	BHPBU	884
Leeper Gas Com C1 NE SE SW 34-32N-10W	P. C.	3/77	SI	886
Scott No. 1 NW SE NE 29-32N-10W	P. C.	5/52	DST	250

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Note: Pressures corrected to +3225 Datum.