OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

April 18, 1978

Amoco Production Company P. O. Box 3092 Houston, Texas 77001

Attention: J. L. Hoyt, Jr.

Re: Case No. 4578

Empire South Deep Unit 1978 Plan of Development

Gentlemen:

We hereby approve your 1978 Plan of Development for the Empire South Deep Unit, Eddy County, New Mexico, calling for the drilling of one additional Morrow well.

This approval is subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Very truly yours,

JOE D. RAMEY Director

JDR/LT/fd

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

April 18, 1978

Amoco Production Company P. O. Box 3092 Houston, Texas 77001

Attention: J. L. Hoyt, Jr.

Re: Case No. 4578
Empire South Deep Unit
Fifth and Sixth Expansions
of the Morrow Participating
Area

Gentlemen:

We hereby approve your Fifth and Sixth Expansions of the Morrow Participating Area for the Empire South Deep Unit, Eddy County, New Mexico, as revised by the attachments contained in your letter of March 20, 1978, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Expansions is returned herewith.

Very truly yours,

JOE D. RAMEY Director

JDR/LT/fd enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands



Amoco Production Company

500 Jefferson Building P.O. Box 3092 Houston, Texas 77001

March 20, 1978

File: CGF(10)-964-416 X LF

Re: Empire South Deep Unit
Development and Operation

Eddy County, New Mexico

Mr. Carl C. Traywick (3)
Area Oil & Gas Supervisor
United States Department of
the Interior
Geological Survey
P. O. Drawer 1857
Roswell, NM 88201

Mr. Phil R. Lucero (3) Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe, NM 87501

n. 11.78

Mr. James E. Kapteine (3) New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, NM 87501

Gentlemen:

Amoco Production Company, as operator of the Empire South Deep Unit, Eddy County, New Mexico, No. 14-08-0001-11571, respectively requests approval of two expansions of the Morrow participating area and a 1978 plan of development calling for one additional Morrow well.

5th

Amoco filed in February, 1977, a proposal for the fifth expansion of Morrow participating area to include the NW/4 of Section 8, the S/2 of Section 5, and the NW/4 of Section 5 (excluding the 40 acres surrounding Well No. 9), T-18-S, R-29-E. The fifth expansion was recommended on the basis of an excellent producer encountered at Well No. 12. It should be noted that the fifth expansion was proposed prior to the drilling of Wells Nos. 14, 15, and 16 and commercial productivity of the acreage was based on Well No. 12 which was a 4000 MCF/D producer. Well No. 14 showed good clean sands; however, a low initial rate (approximately 400 MCF/D) resulted. Buildup tests are now being conducted to determine if damage or depletion is the cause of low productivity in Well No. 14. Thus, we are formally recommending that the fifth expansion be revised to include the SW/4 and

Page 2 March 20, 1978

the W/2 of the SE/4 of Section 5 and the NW/4 of Section 8. Non-inclusion of the E/2 of the SE/4 of Section 5 into a participating area is a result of insufficient data, at this time, to support its inclusion. The E/2 of the SE/4 and the N/2 of Section 5 will be evaluated and a recommendation to propose their inclusion into a participating area will be made at a later date. This proposed fifth revision is also graphically depicted on attached Exhibit "A". Furthermore, the complete allocation schedule for all the affected unit acreage after the fifth revision is tabulated on three typewritten sheets included as Attachment No. 2.

It is to be noted that the five-year automatic elimination date as stated on Page 4 of the Unit Agreement was November 29, 1976. However, this is to advise that this date was extended as outlined on Page 5 of the Unit Agreement by our Well No. 12 which, on that date, was drilling on lands not then entitled to participation. Well No. 14 was then spudded to extend this date and was completed on August 23, 1977. Since completion of Well No. 14 allowed us an additional 90-day period to spud another well, we spudded Well No. 15 in the NW/4 of Section 8. This acreage was not entitled to participation. As you will recall, in our meeting on September 30, 1977, attended by Messrs. Stover, Cherry, and Ms. Buchanan of this office, we became aware that the USGS considered Well No. 15 to be located on acreage entitled to participation by virtue of being in the proposed fifth expansion (even though it was not yet approved). With this in mind, Amoco proposed drilling Well No. 17, which was spudded November 10, 1977, in an effort to continue the prudent and timely development in the unit and fulfill our continuous drilling obligation. This well was plugged and abandoned on December 29, 1977.

wh

We are also recommending a sixth expansion of the Morrow participating area to include Lots 1, 2, and 3, E/2 NW/4, NE/4 SW/4, NE/4 and the N/2 of the SE/4 of Section 30, T-17-S, R-29-E, based on commercial production established by Well No. 13 and the continuity of sands observed on the cross section from Wells Nos. 7 and 13 and from the commercial production established by the Pennzoil well in Section 24. The initial flow rate of Well No. 13 was 3.4 MMCF/D with logs indicating 2.3 BCF of reserves by pore volume calculations. This well has not been placed on line as yet due to right-of-way clearances. Well No. 7 was never tested in the Morrow, but logs have shown it to have about 1 BCF of reserves by pore volume calculations. A 1 BCF reserve level with an initial producing rate of 1 MMCF/D (declining at a rate of 53.84% per year) based on a 70% success probability would result in a payout of the initial investment in 24 months at \$1.50/MMBTU. Reserves would be depleted in this well in six years. The Pennzoil well in Section 24 has a reserve level of 2.2 BCF from P/Z analysis. We feel that all the acreage in Section 30 is productive and should be placed in the proposed sixth expansion. The acreage is described in detail on Attachment No. 3. This proposed sixth expansion is also graphically depicted on Exhibit "A". The complete allocation schedule for all the affected unit acreage after the sixth revision is tabulated on the typewritten sheets included as Attachment No. 4.

Page 3 March 20, 1978

We respectively request that a 1978 plan of development be approved calling for one additional Morrow well. This well will be located in Section 30 to be drilled by Harvey Yates. Also, two Wolfcamp tests may be considered contingent upon Wolfcamp performance from Well No. 8. Since we have no other development plans for the unit for 1978 and since Yates cannot get a rig to drill the well in Section 30 by March 30, 1977, it is necessary that approval be obtained for our expansions of participating area by the end of this month. These requests have been discussed with the Roswell office and was felt to be acceptable.

Your favorable consideration of the foregoing will be accepted.

Yours very truly,

J. L. Hoyt, Jr. Production Coordination Superintendent

JMC/caw 1/6392

Attachments

cc: Mr. V. E. Staley Levelland, TX

Secretary Director

MAN MEXICO OIL CONSERVATION COMMISSION

Control of the Contro

PROPOSED FIFTH MORROW PARTICIPATING AREA EXPANSION EMPIRE SOUTH DEEP UNIT EDDY COUNTY, NEW MEXICO

EFFECTIVE 1-1-77

	44	43	42	12	10	Unit Tract No.
	T-18S, R-29E Sec. 5: NW/4 SE/4, SW/4 SW/4.	T-18S, R-29E Sec. 5: NW/4 SW/4, SE/4 SW/4.	T-18S, R-29E Sec. 5: NE/4 SW/4, SW/4 SE/4.	T-18S, R-29E Sec. 8: E/2 NW/4, SW/4 NW/4.	T-18S, R-29E Sec. 8: NW/4 NW/4.	Acreage Description
	Fee-HBP	Fee-HBP	Fee-HBP	LC-061702	LC-058603	Lease No.
TOTAL 400.00	80.0	80.0	80.0	120.0	40.0	Participating Acres

ATTACHMENT NO. 1

ALLOCATION SCHEDULE INITIAL PLUS FIRST, SECOND, THIRD, FOURTH, AND FIFTH REVISIONS OF MORROW PARTICIPATING AREA EMPIRE SOUTH DEEP UNIT

EFFECTIVE 1-1-77

Tr. 14	Tr. 13-A	Tr. 12	Tr. 10	Tr. 9	Tr. 6-B	Tr. 6-A	-r. o		Tr. 4	Tr. 3	Tr. 2-A	Tr. 2	Tract No.
Sec. 31: Lot 4 (SW/4 SW/4, 29.3 T-18S, R-29E Sec. 6: NW/4 NE/4.	T-17S, R-29E Sec. 30: S/2 SE/4	T-18S, R-29E Sec. 8: E/2 NW/4,	T-18S, R-29E Sec. 8: NW/4 NW/4.	T-18S, R-29E Sec. 6: E/2 NE/4.	T-18S, R-29E Sec. 6: SE/4 SW/4.	T-18S, R-29E Sec. 6: SE/4.	NE/4 SW/4.		T-18S, R-29E Sec. 7: S/2 NE/4.	T-18S, R-29E Sec. 7: N/2 NE/4.	T-18S, R-28E Sec. 12: NE/4.	T-18S, R-29E Sec. 7: Lot I (NW/4 NW/4, 30.22 ac) NE/4 NW/4, Lot 2 (SW/4 NW/4, 30.37 ac) SE/4 NW/4.	Description
32 ac) . LC-065374-A	LC-062407	LC-061702	. LC-058603	LC-058582	. LC-058126	LC-058126	+, WI-C2-14		LC-028772(d)	LC-028772(c)	NM-23413	/4 LC-028772(a) 2	Lease No.
40.00	109.34	120.00	40.00	80.00	40.00	160.00	99 . 93	00 00	80.00	80.00	160.00	140.59	Participating Acres
1.2180008	3.3294053	3.6540025	1.2180908	2.4360017	1.2180008	4.8720033	3.0420700	2 0/20706	2.4360017	2.4360017	4.8720033	4.2809684	% of Participating Area
Donald Brown Earl A. Latimer, Jr. Featherstone Farms, Ltd.	Atlantic Richfield Company O. H. Randell Estate	Sam Lett M. W Smith	Charlene K. Seay I & L Development Company	J. Cleo Thompson, Sr. James Cleo Thompson, Jr.	<pre>Me-Tex Supply Company</pre>	Bassett-Birney Oil Corporation	Yates Petroleum Company	Hondo Oil & Gas Company	lenneco Uil Company Shinnery Investment Company	General American Uil Company of Texas	Husky Oil Company of Delaware		Working Interest Owners
.201295 .150970 .150965	.402585	.536890 .402585	.603880 .536890	1.073460 1.073460	1.207760	1.610350	1.964760	2.720435	3.569535 3.281250	6.105035	6.314060	32.821910 14.218750 7.895140	.s. %

Tr. 33	Tr. 32	Tr. 31	Tr. 25	Tr. 24	Tr. 21	Tr. 20	Tr. 19	Tr. 18	Tr. 17-A	Tr. 17	Tr. 15	Tract No.
T-17S, R-28E Sec. 36: SE/4 SE/4	T-17S, R-29E Sec. 32: SW/4 NW/4.	T-17S, R-29E Sec. 30: Lot 4 (SW/4 SW/4, 28.40 acres) SE/4 SW/4.	T-17S, R-29E Sec. 32: NW/4 SW/4.	T-17S, R-29E Sec. 31: SE/4 SW/4.	T-18S, R-28E Sec. 1: NE/4 SE/4, NW/4 NW/4, SW/4 SW/4, NW/4 SE/4.	T-17S, R-28E Sec. 36: SE/4 NE/4, NE/4 SE/4, NE/4 NE/4, W/2 NE/4, NW/4 SE/4.	T-18S, R-29E Sec. 6: E/2 NW/4.	T-18S, R-29E, Sec. 6: Lots 1, 2 (W/2 NW/4).	T-17S, R-29E Sec. 31: Lot 3 (NW/4 SW/4, 29.09 acres).	T-17S, R-29E Sec. 31: Lot 1 (NW/4 NW/4, 28.63 acres) NE/4 NW/4, N/2 NE/4, T-17S, R-29E Sec. 31: Lot 2 (SW/4 NW/4 28.86 acres) SE/4 NW/4, NE/4 SW/4, S/2 NE/4, N/2 SE/4.	T-18S, R-29E Sec. 6: SW/4 NE/4.	Description
B-11593-8	E-7640	E-7596-Orig.	B-4918-85	B-4458-33	2029-6	647-368	NM-0560401 (KGS)	NM-0558119 (KGS)	NM-0555569	NM-0555569	NM-0926 (KGS)	Par
40.00	40.00	68.40	40.00	40.00	160.00	240.00	3) 80.00	59.23	29.09	417.49	40.00	urticipating Acres
1.2180008	1.2180008	2.0827814	1.2180008	1.2180008	4.8720033	7.3080051	2.4360017	1.8035547	0.8857911	12.7125793	1.2180008	% of Participating Area
								TOTAL 100.000000	Greta M. Edgington .402585	J. Wilson Losee McLean es W. Hicks for Olen F. Featherstone II McGrady McGrady	Robert E. Boling .100650	Working Interest Owners %

Tract No.	Description	Lease No.	Participating Acres	% of Participating Area
Tr. 34	T-17S, R-29E Sec. 32: NW/4 NW/4.	E-537-5	40.00	1.2180008
Tr. 35	T-17S, R-28E Sec. 36: SW/4 SE/4.	E-949-Orig.	40.00	1.2180008
Tr. 36	T-18S, R-28E Sec. 1: W/2 NE/4, E/2 NW/4, SW/4 NW/4, N/2 SW/4, SE/4 SW/4, SW/4 SE/4.	E-1284-3	360.00	10.9620076
Tr. 37	T-17S, R-29E Sec. 31: S/2 SE/4.	E-4201-0rig.	80.00	2.4360017
Tr. 38	T-18S, R-28E Sec. 1: E/2 NE/4.	E-6946	80.00	2.4360017
Tr. 40	T-18S, R-28E Sec. 1: SE/4 SE/4.	L-1645-1	40.00	1.2180008
Tr. 42	T-18S, R-29E Sec. 5: NE/4 SW/4, SW/4 SE/4.	Fee HBP	80.00	2.4360017
Tr. 43	T-18S, R-29E Sec. 5: NW/4 SW/4, SE/4 SW/4.	Fee-HBP	80.00	2.4360017
Tr. 44	T-18S, R-29E Sec. 5: NW/4 SE/4,	Fee-HBP	80.00	2.4360017
	5W/ + 5W/ +.	TOTAL	3284.07	100.0000000

PROPOSED SIXTH MORROW PARTICIPATING AREA EXPANSION EMPIRE SOUTH DEEP UNIT EDDY COUNTY, NEW MEXICO

EFFECTIVE 4-1-77

	41	37	13		Unit Tract No.
	T-17-S, R-29-E, Sec. 30: NE/4 SW/4	T-17-S, R-29-E, Sec. 30: E/2 NW/4; Lots 1, 2, 3	T-17-S, R-29-E, Sec. 30: N/2 SE/4	T-17-S, R-29-E, Sec. 30: NE/4	Acreage Description
TOTAL	06-181-1	E-4201	LC-062407	LC-028480(a)	Lease No.
444.56	40.00	164,56	80.00	160.00	Participating Acres

ATTACHMENT NO. 3

ALLOCATION SCHEDULE INITIAL PLUS FIRST, SECOND, THIRD, FOURTH, FIFTH, AND SIXTH REVISIONS OF MORROW PARTICIPATING AREA EMPIRE SOUTH DEEP UNIT EFFECTIVE 4-1-77

Tr. 14	Tr. 13-A	Tr. 13	Tr. 12	Tr. 10	Tr. 9	Tr. 6-A	Tr. 6-B	Tr. 6	Tr. 4	Tr. 3	Tr. 2-A	Tr. 2	Tr. 1	Tract No.
T-18S, R-29E Sec. 6: NW/4 NE/4.	T-17S, R-29E Sec. 30: S/2 SE/4 LC-062407 Sec. 31: Lot 4 (SW/4 SW/4, 29.32 ac.)	T-17S, R-29E, Sec. 30: N/2 SE/4	T-18S, R-29E Sec. 8: E/2 NW/4, SW/4 NW/4	T-18S, R-29E Sec. 8: NW/4 NW/4.	T-18S, R-29E Sec. 6: E/2 NE/4.	T-18S, R-29E Sec. 6: SE/4.	T-18S, R-29E Sec. 6: SE/4 SW/4	T-18S, R-29E Sec. 6: Lots 3 & 4, (W/2 SW/4) E/2 SW/4.	T-18S, R-29E Sec. 7: S/2 NE/4.	T-18S, R-29E, Sec. 7: N/2 NE/4.	T-18S, R-29E, Sec. 12: NE/4	T-18S, R-29E Sec. 7: Lot 1 (NW/4 NW/4, 30.22 ac.) NE/4 NW/4, Lot 2 (SW/4 NW/4, 30.37 ac.) SE/4 NW/4.	T-17S, R-29E Sec. 30: NE/4	Description
LC-065374-A	LC-062407 .)	LC-062407	LC-061702	LC-058603	LC-058582	LC-058126	LC-058126	LC-058126	LC-028772(d)	LC-028772(c)	NM-23413	LC-028772 (a)	LC-028480(a)	Lease No.
40.00	109.34	80.00	120.00	40.00	80.00	160.00	40.00	99.93	80.00	80.00	160.00	140.59	160.00	Participating Acres
1.0727801	2.9324444	2.1455602	3.2183402	1.0727801	2.1455602	4.2911203	1.0727801	2.6800728	2.1455602	2.1455602	4.2911203	3.7705538	4.2911203	% of Participating Area
Mark D. Wlison Roland McLean	Robert E. Boling C. F. Qualia	Earl A. Latimer, Jr.	Atlantic Richfield Company O. H. Randall Estate	M. W. Smith	I & L Development Co.	James Cleo Thompson, Jr.	Me-Tex Supply Company	Harold Kersey Bassett-Birney Oil Corporation	Cities Service Oil Company Yates Petroleum Company	Shinnery Investment Company Hondo Oil & Gas Company	oeneral American oli company of Texas Tenega Odl Company	Continental Oil Company Depco, Inc. Husky Oil Company of Delaware		Working Interest Owners
.050325	.100650	.150970	.402585	.402585	.536890	1.073460	1.207760	1.744540 1.610350	2.012940 1.964760	3.281250 3.281250 2.720435	0.100035	7.895140 6.314060 6.314060	32.821910	'S' %

Tr. 33	Tr. 32	Tr. 31	Tr. 25	Tr. 24	Tr. 21	Tr. 20	Tr. 19	Tr. 18	Tr. 17-A	Tr. 17	Tr. 15	Tract No.
T-17S, R-28E Sec. 36: SE/4 SE/4.	T-17S, R-29E Sec. 32: SW/4 NW/4.	T-17S, R-29E Sec. 30: Lot 4 (SW/4 SW/4, 28.40 acres) SE/4 SW/4.	T-17S, R-29E Sec. 32: NW/4 SW/4.	T-17S, R-29E Sec. 31: SE/4 SW/4.	T-18S, R-28E Sec. 1: NE/4 SE/4, NW/4 NW/4, SW/4 SW/4, NW/4 SE/4.	T-17S, R-28E Sec. 36: SE/4 NE/4 NE/4 SE/4, NE/4 NE/4, W/2 NE/4, NW/4 SE/4.	T-18S, R-29E, Sec. 6: E/2 NW/4.	T-18S, R-29E, Sec. 6: Lots 1,2 (W/2 NW/4).	T-17S, R-29E Sec. 31: Lot 3 (NW/4 SW/4, 29.09 acres)	T-17S, R-29E Sec. 31: Lot 1 (NW/4 NW/4, 28.63 acres) NE/4 NW/4, N/2 NE/4, T-17S, R-29E Sec. 31: Lot 2 (SW/4 NW/4 28.86 acres) SE/4 NW/4, NE/4 SW/4, S/2 NE/4, N/2 SE/4.	T-18S, R-29E Sec. 6: SW/4 NE/4.	Description
B-11593-8	E-7640	E-7596-Orig.	B-4918-85	B-4458-33	2029-6	647-368	NM-0560401 (KGS)	NM-0558119 (K	NM-0555569	NM-0555569	NM-9026 (KGS)	Lease No.
40.00	40.00	68.40	40.00	40.00	160.00	240.00	GS) 80.00	(KGS) 59.23	29.09	417.49	40.0	Participating Acres
1.0727801	1.0727801	1.8344539	1.0727801	1.0727801	4.2911203	6.4366804	2.1455602	1.5885191	.7801793	11.1968738	1.0727801	% of Participating Area
										, Jr. n TOTAL 100	Charles W. Hicks Truct for Olan F Featherstone II 050325	Working Interest Owners %

SW/4 SE/4.	4 0G-181-1 40.00 Fee-HRP 80 00	Tr. 38 T-18S, R-28E Sec. 1: E/2 NE/4. E-6946 80.00 2.14 Tr. 40 T-18S, R-28E Sec. 1: SE/4 SE/4. L-1645-1 40.00 1.07	Tr. 37 T-17S, R-29E Sec. 31: S/2 SE/4. E-4201-0rig. 80.00 2.14	Tr. 37 T-17S, R-29E, Sec. 30: Lots 1, 2, E-4201-0rig. 164.56 4.41 3, E/2 NW/4.	Tr. 36 T-18S, R-28E Sec. 1: S/2 NE/4, E-1284-3 360.00 9.65 E/2 NW/4, SW/4 NW/4, N/2 SW/4, SW/4, SE/4 SW/4, SW/4 SE/4.	Tr. 35 T-17S, R-28E Sec. 36: SW/4 SE/4. E-949-Orig. 40.00 1.07	Tr. 34 T-17S, R-29E Sec. 32: NW/4 NW/4. E-537-5 40.00 1.07	7 Tract No. Description Lease No. Acres Ar
2.1455602	1.0727801 2.1455602	2.1455602 1.0727801	2.1455602	4.4134173	9.6550206	1.0727801	1.0727801	% of Participating Area

TOTAL 3728.63

100.0000000

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April 26, 1977

Amoco Production Company

500 Jefferson Building P.O. Box 3092 Houston, Texas 77001

Re: Empire South Deep Unit Eddy County, New Mexico

Mr. Carl C. Traywick (3)
Assistant Area Oil and Gas Supervisor
United States Department of the Interior
Geological Survey
P. O. Drawer 1857
Roswell, NM 88201

Mr. Phil R. Lucero (3) Commissioner of Public Lands State of New Mexico P. O. Box 1148 Santa Fe. NM 87501

Mr. James E. Kepteina (3) New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, NM 87501

Gentlemen:

Based on decisions made by the U. S. Department of Interior, two leases within the boundary of the Empire South Deep Unit have been segregated. These changes are properly depicted by the attached map and on that portion of the participating schedule submitted February 21, 1977, by our letter, File: REO-1132-LF, which was affected.

Yours very truly,

a. R. Recognit

A. R. Reed

BAL/gh 2/3897

Attachment

ALLOCATION SCHEDULE INITIAL PLUS FIRST, SECOND, THIRD, FOURTH, AND FIFTH REVISIONS OF MORROW PARTICIPATING AREA EMPIRE SOUTH DEEP UNIT

Tract No.

Tr. 2

Tr. 2-A

Tr. 3

Tr. 4 Tr. 6

EFFECTIVE 1-1-77

Description	Lease No.	Participating Acres	% of Participating Area	Working Interest Owners %	
T-18S, R-29E Sec. 7: Lot 1 (NW/4 NW/4, 30.22 ac) NE/4 NW/4, Lot 2 (SW/4 NW/4, 30.37 ac.) SE/4 NW/4.	LC-028772(a)	140.59	4.0352462	Amoco Production Company Harvey E. Yates Company General American Oil Company	32.821910 14.218750
T-18S, R-28E Sec. 12: NE/4.	NM-23413	160.00	4.592357	of Texas Continental Oil Company	6.105035 7.895140
T-18S, R-29E Sec. 7: N/2 NE/4.	LC-028772(c)	80.00	2.2961783	lenneco U11 Company Shinnery Investment Company	3.569535 3.281250
T-18S, R-29E Sec. 7: S/2 NE/4.	LC-028772(d)	80.00	2.2961783	Depco, Inc. Husky Oil Company of Delaware	6.314060 6.314060
T-18S, R-29E Sec. 6: Lots 3 & 4, NE/4 SW/4.	NM-23414	99.93	2.8682136	Hondo Oil & Gas Company Cities Service Oil Company Bright, Shiff and Kennedy	2.720435 2.012940 1.207760
T-18S, R-29E Sec. 6: SE/4.	LC-058126	160.00	4.592357	Me-lex Supply Company J. Cleo Thompson, Sr.	1.207760
T-18S, R-29E Sec. 6: SE/4 SW/4.	LC-058126	40.00	1.1480891	James Cieo Ihompson, Jr. I&L Development Company	1.073460
T-18S, R-29E Sec. 5: SE/4 NW/4.	LC-058580	40.00	1.1480891	Sam Lett Yates Petroleum Company	. 536890 1.964760
T-18S, R-29E Sec. 6: E/2 NE/4.	LC-058582	80.00	2.2961783	Harold Kersey Bassett-Birney Oil Corporation	1.811640 1.610350
T-18S, R-29E Sec. 8: NW/4 NW/4.	LC-058603	40.00	1.1480891	Charlene K. Seay M. W. Smith	. 603880
T-18S, R-29E Sec. 5: SW/4 NW/4.	RC-060888	40.00	1.1480891	Katnieen Miller Atlantic Richfield Company	.402585
T-18S, R-29E Sec. 8: E/2 NW/4, SW/4 NW/4.	LC-061702	120.00	3.4442674	U. H. Kandel C. F. Qualia Mark D. Wilson	.402585 .100646 .100647
T-17S, R-29E Sec. 30: S/2 SE/4 Sec. 31: Lot 4 (SW/4 SW/4, 29.32 ac.).	LC-062407	109.32	3.1377275	A. J. Losee Robert E. Boling Harold Larsen Administrator	.100646 .100646 .402585
T-18S, R-29E Sec. 6: NW/4 NE/4.	LC-065374-A	40.00	1.1480891		

Tr. 6-A

Tr. 6-B

Tr. 7

Tr. 9

Tr. 10

Tr. 11 Tr. 12

ATTACHMENT NO. 2

Tr. 13-A

Tr. 14