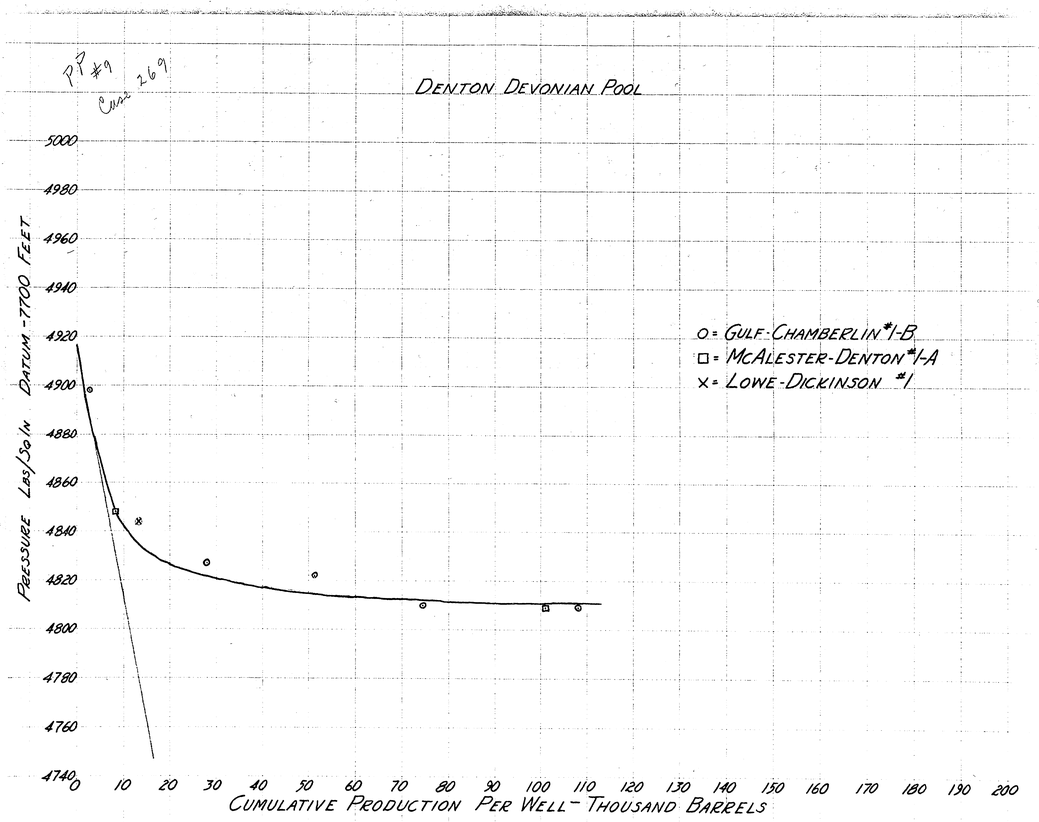
Case No.

268
thru
269

Large Exhibits

P7 #9
Cum 269


DENTON DEVONIAN POOL
PRESSURE Lbs/Sq In DATUM -7700 FEET
5000
4980
4960
4940
4920
4900
4880
4860
4840
4820
4800
4780
4760
4740
O = GULF-CHAMBERLIN #1-B
□ = McALESTER-DENTON #1-A
× = LOWE-DICKINSON #1
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
CUMULATIVE PRODUCTION PER WELL - THOUSAND BARRELS

#12

Well Name	Operator	Location	Elevation	Total Depth	Formation	Production Interval	Casing	IP	Acid	GOR	Gty	Top Wolfcamp	DST's in Wolfcamp	Top Devonian	DST's in Devonian	Remarks
#3 Denton	Ohio	1980' SWL 11-15S-37E	3803'	12,113 PB 12,094	Devonian	Perf: 11919-976 & 11986-12041	5½"-12,113	F 843 BOPD 1/2" ck.	Natural	827	46.4	8970(-5167)	None	11,100(-7297)	11,131-228 rec 713' OCM 11,130-272 rec 100' oil, 1020' OC WB, 8700' OCM 11274-405 rec. 150' oil, 200' HOC WB, 210' HOCM, 720' HOCM 11,299-335 F 60 BO 1st hr 11137-549 F 150 BOPH, 3,680,000 CPDM 11,698-671 F 30 BO 15 min. 11740-774 unloaded 9000' oil, 400' OCM, 1000' WB.	
#1 Denton	Phillips & Atlantic	1980'N, 1988'W 11-15S-37E	3806'	12,623	Devonian	Perf: 12,400-12,500	5½"-12,621	F 1560 BOPD 1/2" ck.	1000	1085	45.7	9045(-5239)	8989-9190: F 16 BO 30 mins. 9210-95 rec. 1275' oil 9294-9301 rec 1000' sl OCM & 135' HOCM	11,450(-7644)	11,455-660 F 31.5 BO 1 hr. 12,115-266 F 41 BO 1 1/2 hrs. 12,266-316 F 59 BO 2 hrs. 12,213-266 F 25.8 BO 30 mins. 1" choke 12,266-316 F 16 BO 1 hr. 12,316-366 Reverse Circ. returns rec. 5522' oil, 2994' HOCM 12,367-416 Rev. circ. 6060' oil, 5216' HOCM 12,417-466 Rev. circ. OCMW, 15 BO, 6276' OCM 12,467-516 Rev. circ. OCMW, 7 BO 12,515-566 Rev. circ. 46 BO 12,567-616 rev. circ. WB mud - NS	
DRILLING WELLS - TO GO TO DEVONIAN																
#1 Federal Jones	Atlantic	660' SWL 35-14S-37E	3820'									9270(-5450) Scout	9250-9350 rec. 390' OCGM 9350-9410 rec. 1501' sl GCM			5/9/51 Drilling 10,843 ls & sh

#12 PPC Case 269

DENTON POOL
Lea County, New Mexico

Well Name	Operator	Location	Elevation	Total Depth	Formation	Production Interval	Casing	IP	Acid	GOR	Gty	Top Wolfcamp	DST's in Wolfcamp	Top Devonian	DST's in Devonian	Remarks
#1 Chamberlain	Gulf	660'NL 1980'WL 11-15S-37E	3799'	11,513	Devonian	Open hole 11,501-11,513	7"-11,501	F 1048 BOPD 3/4" ck.	Natural	889	41.6	9010(-5213)	9059-9137 rec. 120' oil 210' HOCM 9132-9225 rec. 70' mud sl GO	11490(-7693)	11497-513 F 142.5 BO 3 hrs.	
#1 Dickinson	Lowe	660'S, 1980'W 35-14S-37E	3817'	12,385	Devonian	Open hole 12360-12385	5 1/2" 12360	F 950 BOPD 20/64" ck.	Natural	1000	44.5	9152(-5335)	9168-9248 rec. 90' OCGM, 7660' oil, 850' sul wtr. 9227-48 rec. 250' M 9226-9300 rec. 120' OCGM 9292-9412 rec. 95' M 10,925-938 rec. 4838' GC sul wtr.	12255(-8438)	12248-285 unloaded sl GCMW, est. 1290' HOGCM 12248-310 pkr. failed rec. 1080' GCM 12254-310 pkr failed, rec. 1170' GCM 12,360-385 F 172 BO 2 hrs. 45 min.	Show wtr above -5131 in BO probably connate water.
#1 Denton	McAlester	660'S, 1980'E 11-15S-37E	3799'	11,467	Devonian	Perf: 11365-464; 11335-375	5 1/2"-11465	F 456 BOPD 12/64" ck.	Natural	1463	44.0	9000(-5201)	8997-9120 rec 420' OCGM 9018-9150 Rec. 1710' oil, 1170' HOGCM 9140-96 rec 3359' oil, 270' HOCM 9499-9536 rec. 2685' oil, 800' HOGCM 9515-80 rec. 7270' sul. wtr. 10,190-285 rec. 450' sl. GCM	11253(-7454)	11265-317 rec 720' OGCM-WB, 9150' oil, 610' OGCM 11264-367 F 30 BO 1st hr. 11265-417 F 25 BO 30 min. 11352-464 F between 4-8 BOPH.	WC O/W contact between -5741 & -5811
#1-A McClure	McAlester	1650'S, 2310'E 14-15S-37E	3799'	12,325 PB 12,321	Devonian	Perf: 12258-320	5 1/2"-12,324	F 464 BOPD 20/64" ck.	Natural	1274	47.1	9040(-5241)	9103-98 rec. 40' OGCM, 330' GCM 9196-9237 rec. 90' oil 500' OGC WB, 3700' HOGCM 9234-9361 rec 225' sl OGCM 9592-9615 rec. 60' OGCM, tr sul wtr 9614-36 rec. 60' sl OGCM	11500(-7701)	11520-590 rec 2000' sl OGC WB, 270' OGCM, unloaded 1050' oil, 11656-838 rec. 880' HOGCM 11815-11949 rec. 530' OGCM, 12,040-138 F 21 BO 30 mins.	

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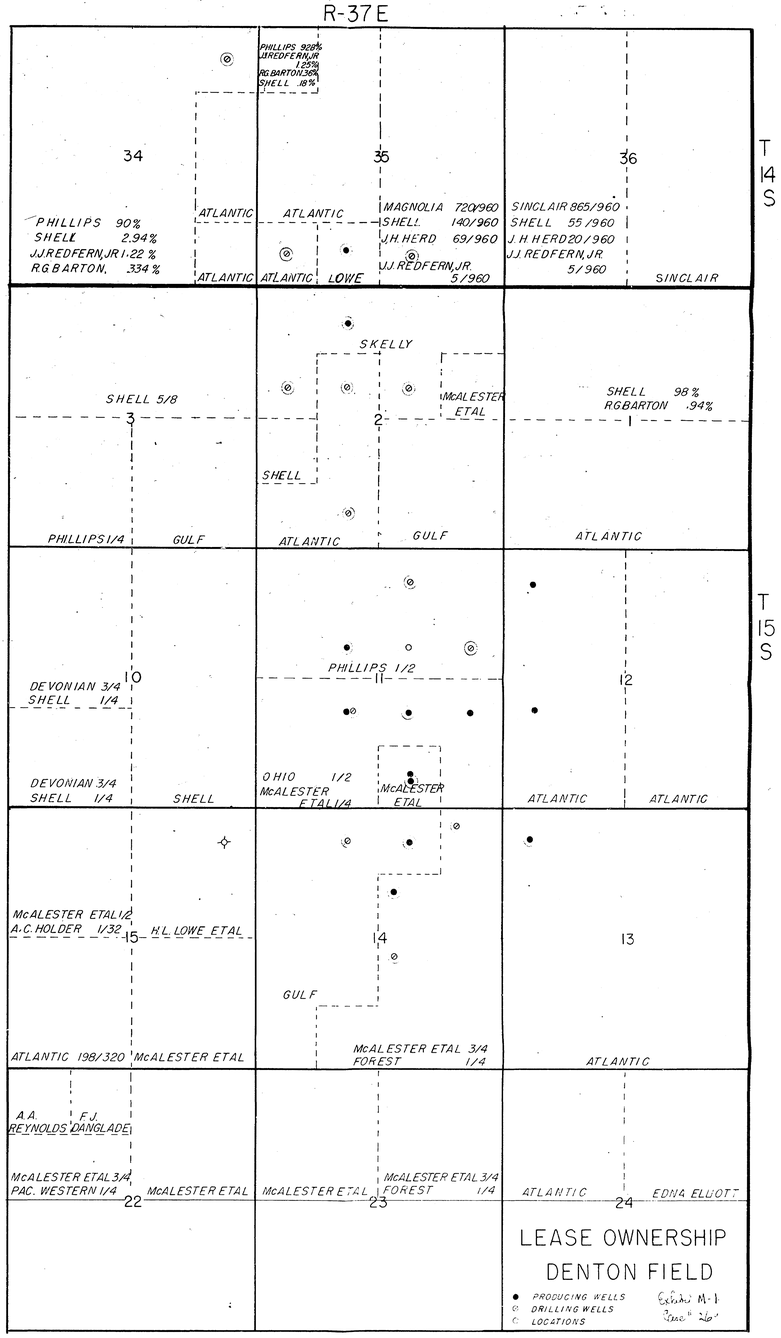

Well Name	Operator	Location	Elevation	Total Depth	Formation	Production Casing	IP	Acid	GOR	Gty	Top Wolfcamp	DST's in Wolfcamp	Top Devonian	DST's in Devonian	Remarks
#1-E State	Atlantic	660'S, 1980'W, 2-15S-37E	3810'								9035(-5225)	9079-9104 F wet 30 BOPH 9134-9154 rec 10' M 9160-65 rec 180' oil, 90' OCM 10240-285 rec. 90' mud 10380-470 rec 430' mud.	11,665(-7855) Scout		5/9/51 @ 12,175 ls
#2-State	Atlantic	1980' N&W, 2-15S-37E	3813'												5/9/51: @ 8210 ls & sh
#1 Lowe	Brann	660' N&W, 33-14S-37E													5/14/51 @ 1400 red beds
#2-D Chamberlain	Fulf	660' N, 1980'W, 14-15S-37E	3805'												5/9/51: - @ 7270' ls
#1-B McClure	McAlester	2310' SSE, 14-15S-37E	3800'								9130(-5330) Scout	9132-9317 rec. 390' mud cut oil, 150' sul. water.			5/9/51: - @9833 ls
#1-C McClure	McAlester	330'N, 990'E, 14-15S-37E	3803'								9060(-5257) Scout	9060-9227 rec. 220' MCO, 120' sul wtr.			5/9/51: @ 9681 ls & sh
#1 Pope	Magnolia	660'S 1980'E, 35-14S-37E													5/9/51: - NUR
#1 Denton	Ohio	1980'S 2080'W, 11-15S-37E	3806'								8999(-5184) Scout				5/9/51 @ 10,861 ls & sh
#1 Fort	Phillips	664'N 660'E, 34-14S-37E	3829'												5/11/51 @ 6230 dol & ss
#2 Denton	Phillips & Atlantic	1979'N 662'E, 11-15S-37E													5/11/51 waiting on contractor
#3-A Denton	Phillips & Atlantic	660'N, 1928'E, 11-15S-37E													5/11/51 @ 6405 dol & ss
#1-F State	Skelly	660'N, 1980'W, 2-15S-37E	3814'								9080-5266	9101-9200 F from 23 to 29 BOPH 9200-50 rec. 60' oil, 90' GCM 30' salt wtr 9771-9825 rec. 7037' sul wtr.	12070-8256	12094-206 Rec. 180' mud 12196-325 Rec. 180' oil, 85' OGCM 12326-450 F 195 BO in 5 hrs 12 min.	Devonian O/W-8985

Well Name	Operator	Location	Elevation	Total Depth	Formation	Production Interval	Casing	IP	Acid	GOR	Gty	Top Wolfcamp	DST's in Wolfcamp	Top Devonian	DST's in Devonian	Remarks
(#1-F Continued)															(continued) 12442-565 Rec. 1820' oil, 1200' HOCG WB 12566-690 Rec. 1482' oil, 3500' sl OCSW 12698-800 rec 3600' OCG WB, 90' OCM 12792-890 rec 7180' salty sul wr.	5/11/51: TD 12896 running casing
#2-F State	Skelly	1980' N&E, 2-15S-37E														5/9/51 NUR
#3-F State	Skelly	1980'N 660'W 2-15-37E														5/9/51 location
#1-D State "C"	Gulf	1980' S&E, 2-15S-37E														5/9/51 location
WELLS COMPLETED IN MISSISSIPPIAN: -															DST's IN MISSISSIPPIAN: -	
#1-A Dickinson	Atlantic	660' N&W, 13-15S-37E	3792'	11,325	Mississippian	Perf: 11292-78 11284-88 11293-302 11309-315 11312-318 11322-324	7"-11324	F 305 BOPD 3/8" ck.	1000	142	41.0	9310(-5518)	9302-83 Rec. 150' oil, 240' OGCM 9383-9402 rec. 10' oil, 135' OCM, 85' WCM, 180' sul wtr. 9465-9506 rec. 95' mud C with sul wtr. 9877-9940 rec. 3958' sl OC sul wtr. 10923-60 rec. 6393' sul wtr.			11236-295 Rec. 1000' OCMW 200' oil, 500' HOCM. 11320-318 Rec. 500' sl OCSWB, 1520' OGCM	This well has recently gone to water and is to be deepened to the Devonian
WELLS COMPLETED IN WOLFCAMP																
#1-B Dickinson	Atlantic	1980'S 660'W 12-15S-37E	3795	9120 PB 9115	Wolfcamp	Perf: 9395-9414	7"-9416	F 177 BOPD 20/64" ck.	3000	216	40.0	9273(-5478)	9264-9350 Rec. 165' OGCM 9343-80 Rec. 165' O & sl sul wtr cut oil 9378-9420 Rec. 3100' oil, 300' HOCGM			

Well Name	Operator	Location	Elevation	Total Depth	Formation	Production Interval	Casing	IP	Acid	GOR	Gty	Top Wolfcamp	DST's in Wolfcamp	Top Devonian	DST's in Devonian	Remarks
#2-B Dickinson	Atlantic	660' N&W 12-15S-37E	3804	9522 PB 9442	Wolfcamp	Perf: 9345-9463, 9371-9403	7"-9507	F 1116 BOPD 1/4" ck.	10,000	128	43.2	9325(-5521)	9301-9410 Rec. 3600' oil, 360' HOCM, 480' sl OCM 9410-50 Rec. 370' oil, 930' HOCGM, unloaded. 9448-9532 Rec. 200' oil 2730' HOCG sul wtr.			WC O/W contact appros. (9150)-5426 By Drillstem Tests
#2-A Denton	McAlester	8101'S 1980'E 11-15S-37E	3802	9580	Wolfcamp	Perf: 9077-9106 9108-28, 9160-65, 9170-9206 9215-30	5½"-9579	F 198 BOPD 5/16" ck.	6000	475	43.0	8988(-5186	None			
#1 Denton	Ohio	1980' S&W 11-15S-37E	3806	9750 PB 9250	Wolfcamp	Open hole 9088-9250	5½"-9088	F 251 BOPD 5/8" ck.	6000	360	41.0	9006(-5200)	9019-9123 Rec. 60' OCM, 240' oil. 9123-9172 Rec. 120' oil, 180' HOCM est. 100,000 CFG unloaded est. 1980' oil, 180' HOCM 9550-9601 Rec. 90' sl OCM			WC O/W Contact estimated -5794 by cores
#2 Denton	Ohio	1981'S 660'E	3802	9660 PB 9300	Wolfcamp	Open hole 9070-9300	5½"-9070	F 111 BOPD 11/32" ck.	2500	356	41.0	9084(-5286)	9256-9330 Rec. 30' GCM 9331-9376 Rec. 30' mud. 9450-9491 Rec. 600' sl GCM 9651-90 Rec. 570' sul wtr. 90' mud			
FAILURES: -									FAILURES: -							
#1 Waller	McAlester	660' N&E 15-15S-37E	3812	12015				P & A				9415(-5603)	9435-9542 op 28 min Rec. 20' mud			Lost circulation at 11,410 and drilled blind to 12,015 where drill pipe was lost in hole. Ran 2nd. to top drill pipe at 11,418 and plugged well as operators believed it was running too low to warrant going deeper in face of the encountered difficulties. This test was probably in Pennsylvanian at TD.

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SCHEDULE OF MINERAL OWNERS
DENTON AREA, LEA COUNTY, NEW MEXICO

TRACT 1 SE¼ Sec. 15, T15S, R37E

1.	Charles I. Waller	3/4
2.	Cal Bedeaux	3/160
3.	Royalties Unlimited	37/160

TRACT 2 E½ NE¼, SW¼ NE¼, Sec. 14, T15S, R37E

1.	R. V. Oberholtzer	5/24
2.	C. E. Oberholtzer	5/24
3.	J. O. Gillham	2/24
4.	J. E. Simmons	1/24
5.	Fay R. Power	2/24
6.	June P. Danglade	1/24
7.	Clara Louise Brown (Joint Tenants)	1/24
8.	James H. and Perns Danglade (Joint Tenants)	1/24
9.	C. M. and Mary Danglade	1/24
10.	F. S. Danglade	2/24

TRACT 3 N½ SE¼, S½ SE¼, E½ SW¼ SE¼, Sec. 14, T15S, R37E, and N½ NE¼, W½ NE¼, Sec. 23, T15S, R37E

1.	R. C. and J. C. Barnes, Trustees	1/26
2.	J. C. Barnes	1/26
3.	Wayne Moore	4/26
4.	Charles R. Turner	4/26
5.	J. V. Terrill	3/26
6.	Pattee Royalty Association (For 50 years and then to W. C. Stoneman)	13/26

TRACT 4 SE¼ SW¼, W½ SW¼ SE¼, Sec. 14, T15S, R37E and SE¼ NE¼, SE¼, Sec. 23, T15S, R37E

1.	Merille O. and Doris Smith Penrose	1/8
2.	J. M. Leonard	3/8
3.	Pattee Royalty Association (For 50 years and then to W. C. Stoneman)	4/8

TRACT 5 NE¼ Sec. 22, T15S, R37E, and NW¼ Sec. 23, T15S, R37E

1.	Nellis Fort	All

Exhibit A
Exploratory
Cause #267

TRACT 6 S½ Sec. 11, T15S, R37E

1.	Fred Turner, Jr.	4/64
2.	R. C. Barnes	3/64
3.	R. C. and J. C. Barnes, Tr.	1/64
4.	W. W. West	1/64
5.	Russell W. Grimes	3/64
6.	Bernhard A. Goetke	3/160
7.	Wayne Moore	4/64
8.	Charles R. Turner	4/64
9.	Peter Cooper Bryce	17/160
10.	The Atlantic Refining Co.	16/64 SW¼, N½ SE¼, and SE¼ SE¼
11.	James M. (J. M.) Denton	20/64 Not Leased

TRACT 7 S½ Sec. 1, T15S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, W. Gordon Dickinson II	3/4
2.	J. E. Simmons	1/32
3.	F. J. Danglade	1/16
4.	Saltmont Oil Company	1/16
5.	J. D. Langford	3/256
6.	R. J. St. Germain	65,604/2,560,000
7.	W. N. Smith	66,889/2,560,000
8.	Roger H. Davis	87,507/2,560,000

TRACT 8 N½ Sec. 1, T15S, R37E

1.	Sudie Priest	59/636
2.	Wm. T. Priest	1/75
3.	Ada Priest Allen	3/12
4.	Albert R. Priest	1/96
5.	Edna Priest Braswell	3/72
6.	Bud Drew Priest, Inc.	3/72
7.	Margaret Priest Benson	3/72
8.	Ethel Priest Shepard	1/96
9.	Bula Priest Maven	1/64
10.	H. L. Lowe	1/32
11.	Roy G. Barton	1643/958,992 Not Leased
12.	A. C. Chester	20/318
13.	G. C. Lehman	3/318
14.	John E. & David B. Crawford	3/318 Not Leased
15.	T. Betenbough	10/318
16.	Vora L. Hartley	3/32
17.	Coy S. Lowe	3/32
18.	Brady M. Lowe	3/32
19.	Odell L. Lowe	3/32
20.	John J. Redfern	1/384
21.	Margaret A. Redfern	1/1920
22.	Frank J. Redfern	1/320

(Continued)

TRACT 8 (Continued)

23.	Margaret M. Redfern	1/320
24.	Paul L. Davis	10/159
25.	J. W. Hunt & T. L. Stall	6/320
26.	R. C. Barnes	5/159

TRACT 9 N½ Sec. 3, T15S, R37E

1.	John R. Fort Estate, being Ponzo Fort & Johnney Mae Fenny	1/4
2.	Argo Royalty Co.	1/4
3.	Euromex Oil Co.	1/8
4.	D. F. Fleet Estate	1/12 Not Leased
5.	Frank T. Fleet	1/24 Not Leased
6.	Shell Oil Co.	1/4 Not Leased

TRACT 10 SW¼ and W½ SE¼, Sec. 3, T15S, R37E

1.	Sunshine Royalty Co.	13/40 SW¼ Not Leased
2.	Leonard Oil Co.	3/8 SW¼ Not Leased
3.	Estate of Allie M. Lee	2/40 SW¼ Not Leased
4.	W. Arthur Simpson, an incompetent person	1/4

TRACT 11 E½ SE¼, Sec. 3, T15S, R37E

1.	W. Arthur Simpson, an incompetent person	1/4
2.	J. L. Reed	1/2
3.	A. C. Chester	8/40
4.	Al Holthouse	1/40
5.	J. Lloyd Swalla and Dora E. Swalla	1/40

TRACT 12 E½ Sec. 10, T15S, R37E

1.	Pacific Royalty Co.	All

TRACT 13 W½ Sec. 10, T15S, R37E

1.	Euromex Oil Co. Inc.	3/8
2.	W. B. Osborn	3/16
3.	John J. Fleets	3/32
4.	A. C. Holder	3/128
5.	H. Dillard Schenck	3/128
6.	W. Arthur Simpson, an incompetent person	1/4 under W½ except South 100 acres

(Continued)

TRACT 13 (Continued)

7.	B. E. Hughes	1/8 under South 100 acres of W½
8.	B. F. Turner	3/64

TRACT 14 N½ Sec. 11, T15S, R37E

1.	Atlantic Refining Co.	1/2 Not Leased
2.	J. M. Denton	5/16
3.	R. C. Barnes	3/64
4.	R. C. Barnes & J. C. Barnes, Tr.	1/64
5.	Fred Turner Jr.	3/64
6.	Humble Oil & Refining Co.	1/64
7.	Russell W. Grimes	1/64
8.	Harlan Grimes	1/64
9.	W. W. West	1/64
10.	Millie J. Grimes	1/64

TRACT 15 E½ Sec. 12, T15S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, and Gordon Dickinson II	1/2
2.	H. Dillard Schenck	7/32
3.	Kirby D. Schenck	1/32
4.	J. E. Simmons	69/256
5.	Anderson Carter	1/256
6.	Powhatan Carter Jr.	1/256

TRACT 16 W½ Sec. 12, T15S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, and Gordon Dickinson II	1/4
2.	F. J. Danglade	1/16
3.	June P. Danglade	1/16
4.	J. E. Simmons	139/256
5.	Jean E. Simmons	1/16
6.	Powhatan Carter Jr.	1/256
7.	Anderson Carter	1/256
8.	J. D. Langford	1/256
9.	R. J. St. Germain	21,868/2,560,000
10.	W. N. Smith	18,963/2,560,000
11.	Roger H. Davis	29,169/2,560,000

TRACT 17 All of Sec. 13, T15S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, and Gordon Dickinson II	3/4

(Continued)

TRACT 17 (Continued)

2.	J. E. Simmons	1/32
3.	Saltmont Oil Co.	3/64
4.	F. J. Danglade	1/16
5.	J. D. Langford	5/512
6.	R. J. St. Germain	109,340/5,120,000
7.	W. N. Smith	98,815/5,120,000
8.	Roger H. Davis	145,845/5,120,000
9.	C. E. Oberholtzer	1/32

TRACT 18 NW¼, NW¼ NE¼, N½ SW¼, SW¼ SW¼, Sec. 14, T15S, R37E

1.	R. A. Neilson (Royalty Deed)	56/512
2.	Mildred Apple (Royalty Deed)	1/8
3.	John Neilson (Royalty Deed)	1/8
4.	Milton Neilson (Royalty Deed)	1/8
5.	R. C. Barnes (Royalty Deed)	8/512
6.	B. F. Turner	9/256
7.	John F. Judge	7/256
8.	Corrine Kelly	14/4480
9.	S. A. Winkleman	140/4480
10.	S. K. Goldston	140/4480
11.	D. E. Young	140/4480
12.	J. C. Goldston	140/4480
13.	W. E. Greenman	70/4480
14.	L. J. O'Conner Jr.	70/4480
15.	C. S. Sullivan	42/4480
16.	Anna Adams	70/4480
17.	Margaret Bell	56/4480
18.	L. Goldston Batchelor	28/4480
19.	Ernest S. Gustafson	42/4480
20.	George D. Platt	28/4480
21.	McAlester Fuel Company	350/4480
22.	Lawton Oil Corporation	175/4480
23.	W. C. Partee	231/4480
24.	W. A. G. Woodward	28/4480
25.	C. R. Cole	70/4480
26.	E. P. Joyner	70/4480
27.	Alvin L. Rogers Jr.	28/4480
28.	Bill Barnes	28/4480

TRACT 19 SW¼ Sec. 15, T15S, R37E

1.	J. M. Denton	1/2
2.	James H. Haynes	5/320
3.	Ray Davenport	1/320
4.	Earl H. Payne	2/320 Not Leased
5.	Frank Haynes	4/320
6.	The Atlantic Refining Co.	3/8 Not Leased
7.	F. L. Abernathy	1/32
8.	F. H. McIntyre	8/320
9.	E. H. McHenry	1/32

TRACT 20 NW¼ Sec. 15, T15S, R37E

1.	James H. Haynes	5/320
2.	Ray Davenport	1/320
3.	Earl H. Payne	2/320 Not Leased
4.	Frank Haynes	4/320
5.	The Atlantic Refining Co.	3/8 Not Leased
6.	A. C. Holder	1/320 Not Leased
7.	H. Dillard Schenck	1/320 Not Leased
8.	J. M. Denton	1/2

TRACT 21 S½ NW¼, Sec. 22, T15S, R37E

1.	S. A. Mauldin Estate	1/4
2.	J. C. Martin	3/8
3.	C. E. Oberholtzer	1/8
4.	Ed D. Merryman	6/48
5.	Y. N. Campbell	1/16
6.	Pat Whitsitt	3/48

TRACT 22 NE¼ NW¼, Sec. 22, T15S, R37E

1.	Gaston E. Taylor	All

TRACT 23 NW¼ NW¼, Sec. 22, T15S, R37E

1.	Trustee of Lovington Lodge # 46 A.F. & A.M.	1/8
2.	Trustee of Lovington Chapter # 35 O.E.S.	1/8
3.	M. O. Tarpley	1/4
4.	Scharbauer & Millard Eidson	3/8
5.	Fern Sawyer Eidson	1/8

TRACT 24 NE¼ Sec. 24, T15S, R37E

1.	United States	All

TRACT 25 N½ Sec. 24, T15S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, W. Gordon Dickinson II	All

TRACT 26 SE¼ SE¼, Sec. 34, T14S, R37E

1.	United States	All

TRACT 27 SE¼ NE¼, NE¼ SE¼, Sec. 34, T14S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, W. Gordon Dickinson II	3/4
2.	J. E. Simmons	1/8
3.	C. E. Oberholtzer	1/16
4.	Jean E. Simmons	1/16

TRACT 28 W½, W½ E½, NE¼ NE¼, Sec. 34, T14S, R37E

1.	Fronzo E. Fort and Johney Mae Fenny	55/599
2.	O. M. Shelton	2567/9504
3.	F. H. Golden	229/4752
4.	B. D. Buckley	511/9504
5.	Charles Wilson	22/9504 Not Leased
6.	L. I. Mastrup	27/11880
7.	John H. & Ida P. Eaton	27/4752 Not Leased
8.	Arthur K. Cook	27/4752 Not Leased
9.	Estelle T. Dietsch and John H. Theye Jr.	27/5940
10.	Adolph E. or Lydia R. Meinl	27/11880 Not Leased
11.	E. B. Drongeson	27/4752
12.	Mary C. Chalker	27/11880 Not Leased
13.	Rosalind Redfern	81/11880
14.	J. H. Herd	27/5940
15.	Mary Whelan	171/4752
16.	Roy G. Barton	1/20
17.	John E. & David B. Crawford	1/280
18.	Mayme I. Kroenlein	110,683/4,324,320
19.	Odell L. Lowe	89,896/4,324,320
20.	Edith H. Vesely	1073/33264
21.	Reese Cleveland	1188/33264 Not Leased
22.	Thos. E. Boyd	594/33264

TRACT 29 E½ Sec. 35, T14S, R37E

1.	O. M. Shelton	50/960
2.	Lessing Alch	5/960
3.	B. D. Buckley	40/960
4.	Roy V. Flesh	15/960
5.	Stanley F. Jackes	20/960
6.	Henry Lange	5/960
7.	J. H. Herd	26/960 Not Leased
8.	Erle Payne	20/960
9.	Fannie May Gardner	40/960
10.	B. H. Pope	120/960
11.	B. L. Pope	80/960
12.	A. T. Pope	100/960

(Continued)

TRACT 29 (Ccntinued)

13.	O. A. Pope	120/960
14.	Mrs. J. R. Fort	60/960
15.	Paul L. Davis	5/128
16.	N. L. Brown & W. R. Wheeler	120/960
17.	Ralph Lowe	20/960
18.	T. L. Stall	8/960
19.	J. W. Hunt	4/960
20.	Wm. B. Johnston	3/960
21.	Harry Adam & L. H. Tyson	15/960
22.	W. B. Collins	1/128
23.	Rosalind Redfern and John J. Redfern, Jr.	38/960
24.	John J. Redfern	5/2880
25.	Margaret A. Redfern	1/2880
26.	Frank J. Redfern	2/960
27.	Margaret M. Redfern	2/960

TRACT 30 SW¼ SW¼, Sec. 35, T14S, R37E

1.	United States	All

TRACT 31 NW¼ NW¼, Sec. 35, T14S, R37E

1.	Fronzo E. Fort and Johney Mae Penny	55/599
2.	O. M. Shelton	2567/9504
3.	F. H. Golden	229/4752
4.	B. D. Buckley	511/9504
5.	Charles Wilson	22/9504 Not Leased
6.	L. I. Mastrup	27/11880
7.	John H. and Ida P. Eaton	27/4752 Not Leased
8.	Arthur H. Cook	27/4752 Not Leased
9.	Estelle T. Dietsch and John H. Theye Jr.	27/5940
10.	Adolph E. or Lydia R. Meinl	27/11880 Not Leased
11.	E. B. Drogeson	27/4752
12.	Mary C. Chalker	27/11880 Not Leased
13.	Rosalind Redfern	81/11880
14.	J. H. Herd	27/5940
15.	Mary Whelan	171/4752
16.	Roy G. Barton	1/20
17.	John E. and David B. Crawford	1/280
18.	Mayme I. Kroenlein	1,058,607/4,324,320
19.	Odell L. Lowe	1/20
20.	Edith H. Vesely	1073/33264
21.	Reese Cleveland	1188/33264 Not Leased
22.	Thos. E. Boyd	594/33264

300

TRACT 32 E½ W½, SW¼ NW¼, NW¼ SW¼, Sec. 35, T14S, R37E

1.	Mary Clayton et al, Guardians for Walter E. Dickinson, Candace Dickinson, W. Gordon Dickinson II	3/4
2.	J. E. Simmons	1/8
3.	Saltmont Oil Company	1/16
4.	Jean E. Simmons	1/16

TRACT 33 W½ Sec. 36, T14S, R37E

1.	O. M. Shelton	50/960
2.	Lessing Alch	5/960
3.	B. D. Buckley	40/960
4.	Henry Langs	5/960
5.	Stanley F. Jackes	20/960
6.	Roy V. Flesh	15/960
7.	Erle Payne	20/960
8.	Fannie May Gardner	1/24
9.	B. H. Pope	1/12
10.	B. L. Pope	1/8
11.	A. T. Pope	5/48
12.	O. A. Pope	1/8
13.	Mrs. J. R. Fort	1/16
14.	Ralph Lowe	1/48
15.	Paul L. Davis	5/128
16.	Harry Adams, L. H. Tyson	1/64
17.	W. B. Collins	1/128
18.	H. L. Brown, W. R. Wheeler	1/8
19.	Wm. B. Johnston	3/960
20.	T. L. Stall	8/960
21.	J. W. Hunt	4/960
22.	John J. Redfern	15/8680
23.	Margaret A. Redfern	3/8680
24.	Frank J. Redfern	2/960
25.	Margaret M. Redfern	2/960
26.	John J. Redfern Jr. and Rosalind Redfern	15/960 Not Leased
27.	John J. Redfern Jr. and Rosalind Redfern	23/960
28.	J. H. Herd	5/960
29.	J. H. Herd	5/960
30.	J. H. Herd	16/960

TRACT 34 E½ Sec. 36, T14S, R37E

1.	W. T. Mann	1/16
2.	Henry Kemp	3/64
3.	Harry S. Wright	23/640
4.	W. B. Fulton	1/8
5.	George P. Norton	1/64
6.	Katharine L. Jones	1/32
7.	John William Hughes	1/640

(Continued)

TRACT 34 (Continued)

8.	Wm.J. Alexander	1/320
9.	Reuben & Helen E. Taylor	1/320
10.	Warner J. & Ester D. Lang	1/320
11.	Dr. Grant Augustine	1/320
12.	Martha M. Stille	2/320
13.	Dr. F. Earl Bellinger and Edna R. Bellinger	1/40
14.	Ruby Mae Roney Kell	1/320
15.	Gerald V. Carroll	1/320
16.	Harold J. Spillman	1/320
17.	Karl S. Powers	1/320
18.	Wm. H. Enfield	1/320
19.	Harry W. Crouch	1/320
20.	Thomas M. Shimon	1/320
21.	Howard V. & Bernice L. Kratz	1/320
22.	John, Emma, & Katherine Plashal	1/320
23.	Carl B. Patchen	1/640
24.	Dewey Ward Strang	1/640
25.	Johnie A. Hermanson and Herman A. Hermanson	1/320
26.	W. Everett Taylor	1/320
27.	Dr. Rhetta Ireland	1/320
28.	H. C. Dorrien and Elyse Dorrien	1/320
29.	Shell Oil Company	1/8
30.	H. T. Dean	1/24
31.	H. Dillard Schenck	3/64
32.	B. H. Pope	1/24
33.	Fannie May Gardner	1/24
34.	B. L. Pope	1/24
35.	A. T. Pope	1/24
36.	O. A. Pope	1/24
37.	Mrs. J. R. Fort	1/24
38.	Harry Flackman	26/320
39.	Rosalind Redfern	15/320
40.	J. H. Herd	10/320

TRACT 35 All of Sec. 2, T15S, R37E

1.	State of New Mexico	All

TRACT 36 NE¼ Sec. 15, T15S, R37E

1.	J. S. Waller	7/8
2.	Royalties Unlimited	1/8

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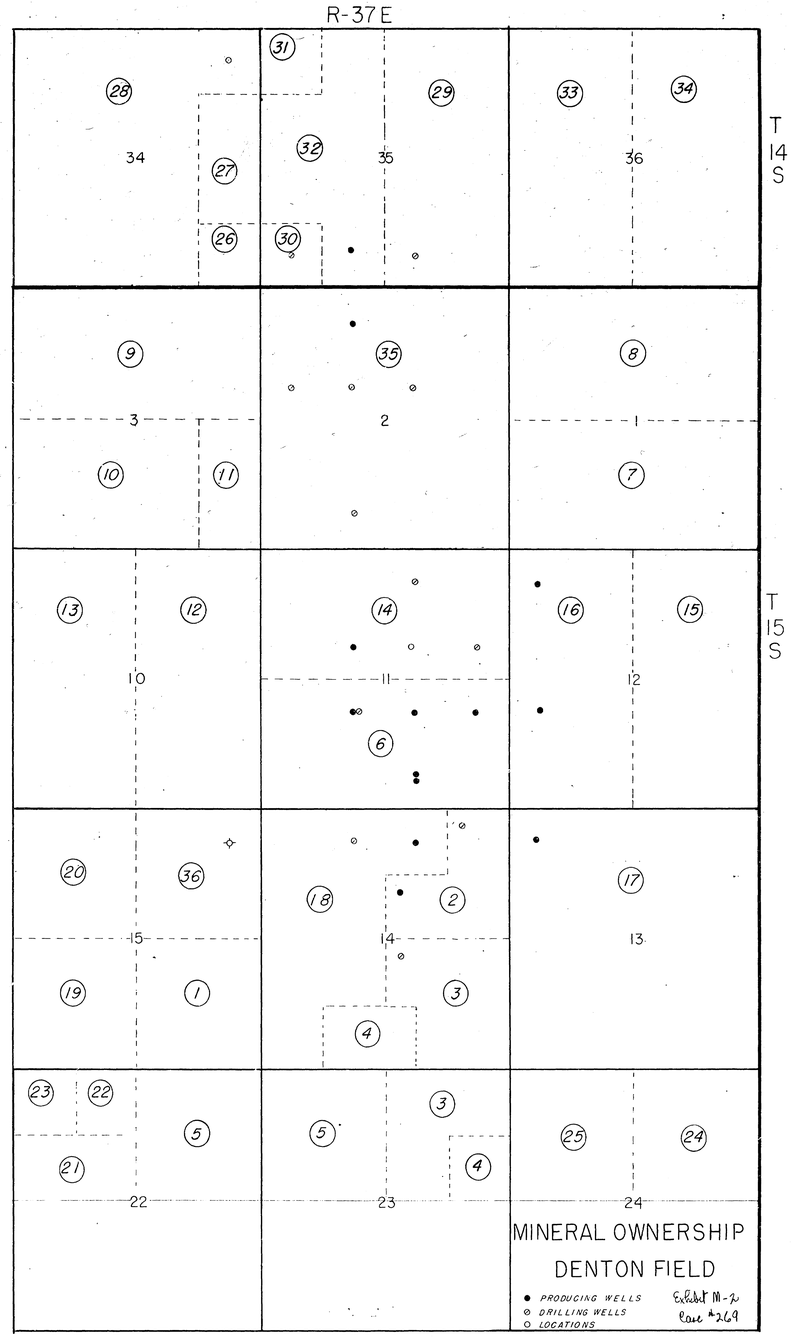
R-37 E
T 14 S
T 15 S
34
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36
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14
13
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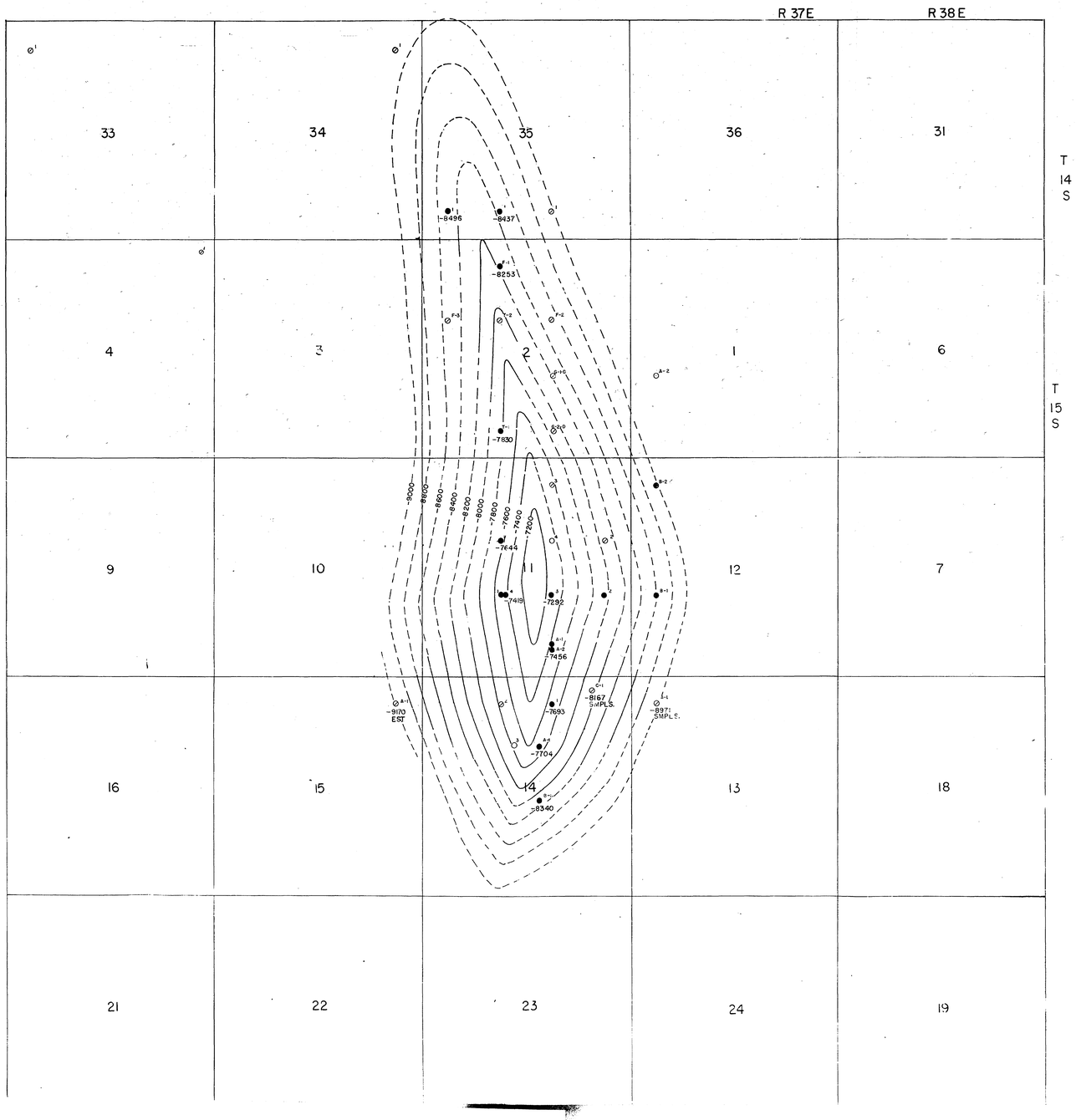
24
MINERAL OWNERSHIP
DENTON FIELD
PRODUCING WELLS
DRILLING WELLS
LOCATIONS
Exhibit M-2
Case #269


R 37E
R 38E
T 14 S
T 15 S
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19
-8496
-8437
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-7419
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-7456
-7693
-7704
-8340
-9170 EST
-8167 SMPLS.
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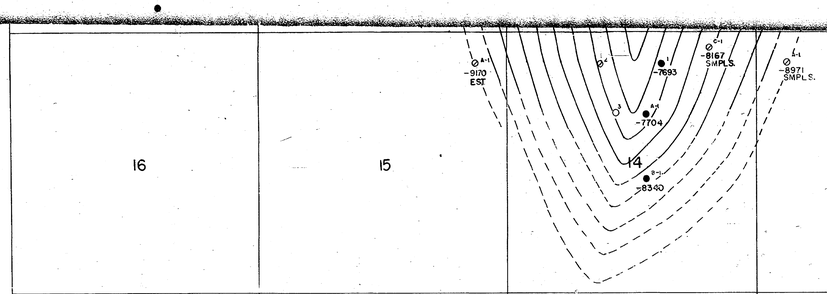
302



16	15	14	13	18
21	22	23	24	19
28	27	26	25	CONTOUR HORIZON – TOP DEVONIAN CONTOUR INTERVAL – 200 FEET SCALE-1 INCH = 1000 FEET 30 McALESTER FUEL COMPANY MAGNOLIA, ARKANSAS DENTON AREA LEA COUNTY, NEW MEXICO

EXHIBIT M-9
#269

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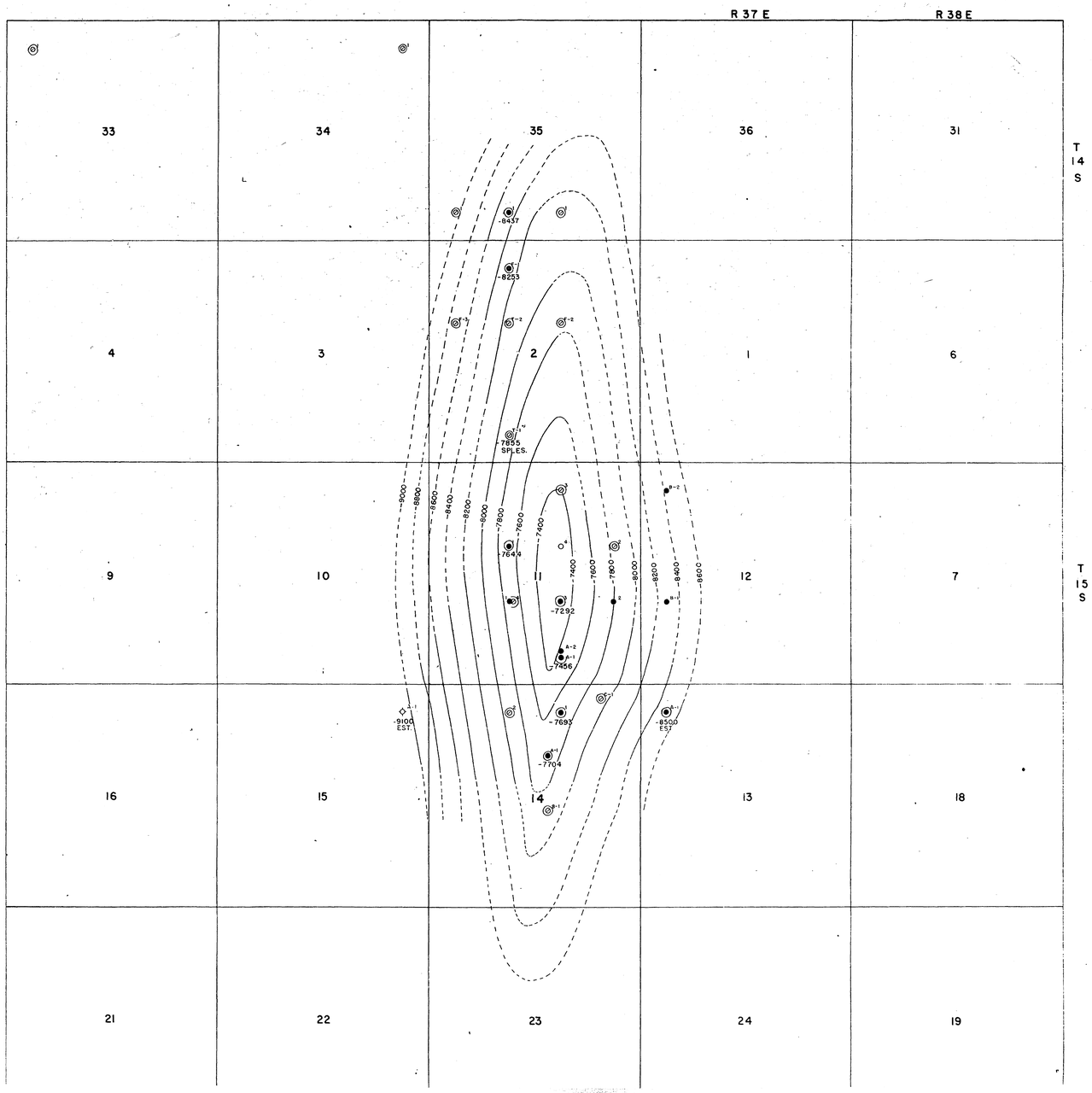
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R 38 E
T 14 S
T 15 S
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-8437
-8253
-7855 SPLES.
-9100 EST.
-7644
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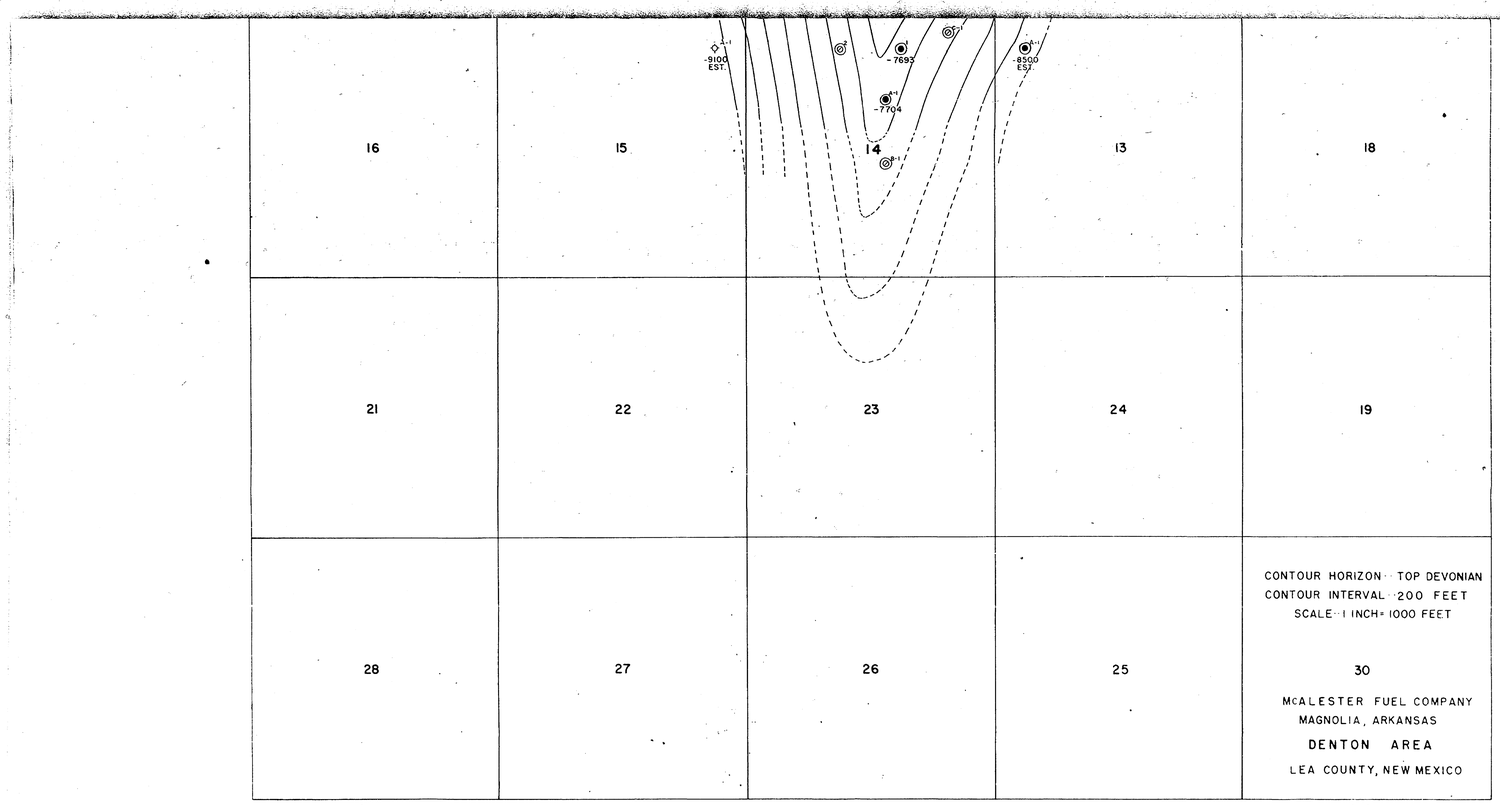

CONTOUR HORIZON - TOP DEVONIAN
CONTOUR INTERVAL - 200 FEET
SCALE - 1 INCH = 1000 FEET

McALESTER FUEL COMPANY
MAGNOLIA, ARKANSAS

DENTON AREA

LEA COUNTY, NEW MEXICO

EXHIBIT P-5
Case 3687

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R 37 E R 38 E

T 14 S

T 15 S

33	34 35 36	31 1 - PHILLIPS FORT "1 2 - ATLANTIC FEDERAL-JONES "1 3 - LOWE DICKINSON "1 4 - MAGNOLIA POPE "1
4	3 2 1	6 5 - SKELLY STATE F-1 6 - SKELLY STATE F-3 7 - ATLANTIC STATE T-2 8 - SKELLY STATE F-2 9 - McALESTER STATE A-1 10 - GULF STATE G-1-D 11 - ATLANTIC STATE T-1 12 - GULF STATE G-2-D 12A - ATLANTIC DICKINSON A-2
9	10 11 12	7 13 - PHILLIPS DENTON "3 14 - PHILLIPS DENTON "1 15 - PHILLIPS DENTON "2 16 - OHIO DENTON "4 17 - OHIO DENTON "3 18 - OHIO DENTON "5 19 - McALESTER DENTON A-1
16	15 14 13	18 20 - GULF CHAMBERLAIN D-2 21 - GULF CHAMBERLAIN "1 22 - McALESTER McCLURE C-1 23 - GULF CHAMBERLAIN D-3 24 - McALESTER McCLURE A-1 25 - McALESTER McCLURE D-1 26 - McALESTER McCLURE B-1
21	22 23 24	19
28	27 26 25	*Spacing pattern proposed by Phillips* *Exceptions necessary to spacing pattern proposed by Phillips* 30 McALESTER FUEL COMPANY MAGNOLIA, ARKANSAS DENTON AREA LEA COUNTY, NEW MEXICO

EXHIBIT A-9

H-269

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