Case No.
3539
Large
Exhibits

N.M.S.C.F. MICROGRAPHICS

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R-37-E

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AVALON
LANGLIE MATTIX PENROSE SAND UNIT

SKELLY PENROSE "B" UNIT

SKELLY PENROSE "A" UNIT

LEGEND

Ey Eumont
Jm Jalmat
LM Langlie Mattix
TGb Tergue Grayburg
Py Paddock
Bl Blinebry
Tb Tubb
Dr Drinkard
T Abo Tergue Abo
Mo Montoya
TMo Tergue McKee
Bn Brunson

- Location
- Oil Well (LANGLIE MATTIX)
- Gas Well
- Temporarily Abandoned
- Plugged - Abandoned
- Dry Hole - Abandoned
- Converted Input
- Salt Water Disposal
- Proposed Water Injection

SCALE

0 660' 1320' 1980' 2640' 3960' 5280'

BEFORE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Applicant Exhibit No. 1
Case No. 3537 and 3539

SKELLY OIL CO.
EXHIBIT NO. 1
DOCKET OR CASE NO. 3537
DATE 3-15-67

SKELLY OIL COMPANY
PORTION OF
LANGLIE MATTIX POOL
LEA COUNTY, NEW MEXICO

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SUPPLEMENTAL
WELL DATA

SKELLY PENROSE "A" UNIT

Operator Lease and Well Number	Completion Date	Oil Production Rate B/D Initial	 Current	Cumulative Oil Production to 1-1-67
SAMEDAN OIL CORPORATION				
Hughes "A1" #1	10-15-36	110	1	51018
Hughes "A1" #2	1-12-37	80	0	42752
Hughes A-1 #3	4-24-37	35	0	20374
Hughes "A2" #4	10-1-37	92	0	32661
Hughes "A2" #5	8-15-38	120	3	30884
Hughes "A1" #6	6-1-58	177	0	24028
Hughes "A2" #7	10-28-58	105	1	42918
Hughes "A2" #8	8-15-59	786	2	38057
Hughes "A2" #9	1-25-60	368	0	33902
Hughes "A2" #10	10-14-61	132	1	14630
Hughes "A2" #11	11-10-61	192	4	18348
Hughes "B2" #9	7-9-59	320	1	12590
		TOTAL SAMEDAN		384,202
SKELLY OIL COMPANY				
A. L. King #1	4-16-36	148	1	95842
A. L. King #2	9-1-40	30	2	43455
King A #2	8-1-39	515	2	127779
King A #3	3-1-40	108	2	80972
King A #4	10-25-42	35	2	30820
King B #1	10-16-38	194	2	76355
Sims C #1-A	9-16-36	350	1	141047
Sims D #1	8-1-37	768	2	110533
Sims E #1	1-1-37	86	1	82171
Ellen Sims #1	9-16-37	120	4	117129
Ellen Sims #2	8-1-36	710	1	153319
Ellen Sims #3	3-16-37	424	3	132988
Ellen Sims #4	11-1-37	40	2	63987
Ellen Sims #5	9-6-39	24	3	29931
G. W. Sims #1	4-1-40	32	9	42120
G. W. Sims #2	11-16-36	504	2	118750
G. W. Sims #3	6-1-37	32	1	80996
G. W. Sims #4	9-1-37	64	2	98298
G. W. Sims #5	10-1-37	453	2	84585
G. W. Sims #6	2-16-38	174	2	65936
G. W. Sims #7	1-1-37	206	1	57289
G. W. Sims #8	1-22-50	48	2	58283
G. W. Sims #9	8-12-57	119	1	25490
H. O. Sims #1	12-22-57	40	2	15988
H. O. Sims #2	2-16-36	130	2	109090
H. O. Sims #3	9-1-37	65	2	76032
H. O. Sims #4	7-16-37	147	1	110254
H. O. Sims #5	12-16-38	300	43	123196
H. O. Sims #6	4-1-39	98	1	71020
H. O. Sims #7	12-16-39	271	9	157977
H. O. Sims #8	1-16-40	304	12	81714
H. O. Sims #9	4-16-40	283	0	62450
H. O. Sims #10	5-1-40	308	0	55149
H. O. Sims #11	6-16-40	215	1	79530
H. O. Sims #12	6-16-40	143	1	63063
H. O. Sims #13	8-1-40	137	1	67540
H. O. Sims #14	11-1-40	64	3	40920
H. O. Sims #15	3-1-41	30	12	36722
R. P. Sims #1	2-16-41	65	4	48786
R. P. Sims #2	3-15-36	100	1	61210
R. P. Sims #3	3-1-37	851	1	123752
R. P. Sims #4	7-1-37	37	1	42636
R. P. Sims #5	6-1-37	86	1	85258
R. P. Sims #6	10-12-37	168	1	73178
R. P. Sims #8	2-22-38	181	1	74376
W. P. Sims #1	11-16-36	61	1	17100
W. P. Sims #2	12-1-37	168	0	78807
		144	2	66612
		TOTAL SKELLY		3,765,600
		TOTAL UNIT AREA		4,149,602

OVS/bh

U.S.W.C.F. MICROGRAPHICS

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SKELLY OIL CO.

EXHIBIT NO. E

DOCKET OR CASE NO. 3539

DATE 3-15-67

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Applicant's Exhibit No. E
Case No. 3538 & 3539

N.M.S.U. MICROGRAPHICS

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PRIMARY PRODUCTION FROM UNIT AREA
SKELLY PENROSE "A" UNIT
LEA COUNTY, NEW MEXICO

OIL PRODUCTION RATE - BBLS. / YEAR

10,000,000
1,000,000
100,000
10,000

1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975

ECONOMIC LIMIT = 1.5 B/D/WELL (18,500 B/Yr.)

SKELLY OIL CO.
EXHIBIT NO. C
DOCKET NO. CASE NO. 3539
DATE 3-15-67

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Applicant Exhibit No. C
Case No. 3538 and 3539

A.R.M.A.C.F. MICROGRAPHICS
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WELL COMPLETION DATA
SKELLY PENROSE "A" UNIT
PROPOSED UNIT
LEA COUNTY, NEW MEXICO

OPERATOR / LEASE	WELL NO.	LOCATION Sec., Township, Range	ELEVATION D.F. (Feet)	TOTAL DEPTH (Feet)	CASING PROGRAM Size (Inches)	CASING PROGRAM Depth (Ft.)	CASING PROGRAM Cement (Sks)	PRODUCING INTERVAL (Feet)	REMARKS
Samedan Oil Corp.									
Hughes "A-1"	No. 1	1980' FSL & 1980' FWL 4, 23-S, 37-E	3325 (G.L.)	3638	12 1/2"	226	300 (Circ.)	OH(3389-3638)	
					8 5/8"	1153	500 (Circ.)		
					7"	3389	300		
Hughes "A-1"	No. 2	1980' FSL & 1980' FEL 4, 23-S, 37-E	No Record	3625	12 1/2"	218	250	OH(3398-3625)	Convert to WIW.
					8 5/8"	1158	150		
					7"	3398	125		
Hughes "A-1"	No. 3	1980' FSL & 660' FEL 4, 23-S, 37-E	3323 (G.L.)	3631	12 1/2"	239	200	OH(3400-3631)	
					8 5/8"	1242	50		
					7"	3400	125		
Hughes "A-2"	No. 4	1980' FSL & 1980' FEL 10, 23-S, 37-E	3295	3625	15 1/2"	135	100	OH(3368-3625)	Convert to WIW.
					8 5/8"	1180	45		
					7"	3368	125		
Hughes "A-2"	No. 5	1980' FSL & 1980' FWL 10, 23-S, 37-E	3297	3608	15 1/2"	125	100	OH(3365-3608)	
					8 5/8"	1185	75		
					7"	3365	125		
Hughes "A-1"	No. 6	1980' FSL & 660' FWL 4, 23-S, 37-E	3323	3684	8 5/8"	354	300 (Circ.)	(Perf.)(3532-3671)	Convert to WIW.
					5 1/2"	3684	250		
					DV Tool	1184	125 (Circ.)		
Hughes "A-2"	No. 7	1980' FSL & 1980' FEL 9, 23-S, 37-E	3309	3642	8 5/8"	372	250 (Circ.)	(Perf.)(3496-3628)	Convert to WIW.
					5 1/2"	3642	250		
					DV Tool	1137	125		
Hughes "A-2"	No. 8	660' FSL & 660' FEL 9, 23-S, 37-E	3293.5 (G.L.)	3640	8 5/8"	355	208 (Circ.)	(Perf.)(3504-3620)	Convert to WIW.
					4 1/2"	3639	250		
					DV Tool	1137	150		
Hughes "A-2"	No. 9	660' FSL & 330' FWL 10, 23-S, 37-E	3287.6 (G.L.)	3658	8 5/8"	372	175	(Perf.)(3534-3647)	
					4 1/2"	3658	200		
Hughes "A-2"	No. 10	1650' FSL & 660' FEL 9, 23-S, 37-E	3294 (G.L.)	3665	8 5/8"	374	175	(Perf.)(3520-3632)	
					5 1/2"	3664	200		
					DV Tool	----	75		
Hughes "A-2"	No. 11	1650' FSL & 330' FWL 10, 23-S, 37-E	3302	3679	8 5/8"	375	175 (Circ.)	(Perf.)(3518-3636)	Convert to WIW.
					5 1/2"	3677	150		
					DV Tool	1157	50		
Hughes "B-2"	No. 9	660' FSL & 1980' FEL 9, 23-S, 37-E	3303	3634	9 5/8"	573	93	(Perf.)(3483-3600)	
					4 1/2"	3632	250		
					DV Tool	----	65		
SKELLY OIL COMPANY									
A. L. King	No. 1	1980' FNL & 1980' FWL 4, 23-S, 37-E	3331	3683	12 1/2"	270	200 (Circ.)	OH(3350-3683)	Convert to WIW.
					7"	3350	400 (Circ.)		
					DV Tool	1186	200 (Circ.)		
A. L. King	No. 2	660' FNL & 1980' FWL 4, 23-S, 37-E	3346	3706	16"	100	100 (Circ.)	OH(3397-3698)	
					7"	3397	250		
King "A"	No. 2	1980' FSL & 660' FWL 33, 22-S, 37-E	3351	3689	16"	125	50 (Circ.)	OH(3395-3689)	Convert to WIW.
					7"	3395	75		
King "A"	No. 3	660' FSL & 1980' FWL 33, 22-S, 37-E	3348	3700	16"	119	100 (Circ.)	OH(3390-3700)	Convert to WIW.
					7"	3390	250		
King "A"	No. 4	720' FSL & 660' FWL 33, 22-S, 37-E	3362	3716	16"	127	100	OH(3411-3716)	
					7"	3411	250		
King "B"	No. 1	1980' FSL & 1980' FWL 33, 22-S, 37-E	3350	3710	16"	123	100 (Circ.)	OH(3388-3710)	
					8 3/8"	1175	100		
					7"	3388	150		

N.M.O.C.D. MICROGRAPHICS

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WELL COMPLETION DATA
SKELLY PENROSE "A" UNIT
PROPOSED UNIT
LEA COUNTY, NEW MEXICO

OPERATOR LEASE	WELL NO.	LOCATION Sec., Township, Range	ELEVATION D.F. (Feet)	TOTAL DEPTH (Feet)	CASING PROGRAM Size(Inches)	Depth(Ft.)	Cement(Sks.)	PRODUCING INTERVAL (Feet)	REMARKS
(CONTINUED) SKELLY OIL COMPANY Sims "A"	No. 1	660' FSL & 1980' FEL 3, 23-S, 37-E	3300	3622	13"	229	200	OH(3397-3622)	
					7"	3397	200		
					DV Tool	1247	200		
Sims "C"	No. 1	340' FSL & 2,000' FWL 3, 23-S, 37-E	3297	3630	15 1/2"	124	50 (Circ.)	OH(3370-3630)	Convert to WIW.
					8 5/8"	1187	100		
					7"	3370	200		
Sims "D"	No. 1	1980' FSL & 1980' FWL 3, 23-S, 37-E	3300	3602	15 1/2"	140	50 (Circ.)	OH(3397-3602)	Convert to WIW.
					8 5/8"	1196	50		
					7"	3397	200		
Sims "E"	No. 1	1980' FNL & 1980' FEL 10, 23-S, 37-E	3295	3625	16"	135	100 (Circ.)	OH(3312-3625)	
					8 5/8"	1172	100		
					7"	3312	200		
Ellen Sims	No. 1	1980' FSL & 1980' FEL 3, 23-S, 37-E	3300	3640	13"	208	200 (Circ.)	OH(3375-3640)	Convert to WIW.
					7"	3375	250 (Circ.)		
					DV Tool	1240	200 (Circ.)		
Ellen Sims	No. 2	1980' FNL & 1980' FEL 3, 23-S, 37-E	3301	3610	10 3/4"	158	100	OH(3390-3610)	
					7"	3390	200		
					DV Tool	1121	200		
Ellen Sims	No. 3	660' FSL & 660' FEL 3, 23-S, 37-E	3296	3675	9 5/8"	1120	250 (Circ.)	OH(3320-3675)	Convert to WIW.
					7"	3320	250		
Ellen Sims	No. 4	990' FEL & 1650' FSL 3, 23-S, 37-E	3297	3660	16"	106	50 (Circ.)	(Perf.)(3530-3546) OH(3552-3660)	
					5 3/4"	3552	150		
Ellen Sims	No. 5	330' FNL & 2310' FEL 3, 23-S, 37-E	3304	3632	16"	78	100 (Circ.)	OH(3430-3632)	Convert to WIW.
					7"	3430	250		
G. W. Sims	No. 1	660' FNL & 660' FWL 10, 23-S, 37-E	3301	3635	13"	236	175 (Circ.)	OH(3407-3635)	
					7"	3407	200		
					DV Tool	1246	200		
G. W. Sims	No. 2	660' FNL & 660' FEL 9, 23-S, 37-E	3303	3713	10 3/4"	159	100 (Circ.)	OH(3403-3713)	
					8 5/8"	1168	100		
					7"	3403	200		
G. W. Sims	No. 3	660' FNL & 1980' FEL 9, 23-S, 37-E	3310	3642	16"	127	170 (Circ.)	OH(3451-3642)	Convert to WIW.
					8 5/8"	1136	100		
					7"	3451	200		
G. W. Sims	No. 4	660' FNL & 660' FWL 10, 23-S, 37-E	3300	3633	9 5/8"	1129	250 (Circ.)	OH(3409-3633)	Convert to WIW.
					7"	3409	200		
G. W. Sims	No. 5	1980' FNL & 1980' FWL 10, 23-S, 37-E	3295	3625	16"	133	100 (Circ.)	OH(3300-3625)	Convert to WIW.
					8 5/8"	1173	100		
					7"	3300	200		
G. W. Sims	No. 6	660' FNL & 1980' FEL 10, 23-S, 37-E	3296	3631	15 1/2"	138	65 (Circ.)	OH(3397-3631)	Convert to WIW.
					8 5/8"	1197	55		
					7"	3397	150		
G. W. Sims	No. 7	1980' FNL & 660' FEL 9, 23-S, 37-E	3299	3709	9 5/8"	1174	400 (Circ.)	OH(3410-3709)	Convert to WIW.
					7"	3410	400 (Circ.)		
G. W. Sims	No. 8	1980' FNL & 1980' FEL 9, 23-S, 37-E	3311	3650	8 5/8"	358	300 (Circ.)	(Perf.)(3502-3634)	
					5 1/2"	3650	200		
G. W. Sims	No. 9	1980' FNL & 660' FWL 10, 23-S, 37-E	3303	3663	8 5/8"	370	250 (Circ.)	(Perf.)(3514-3652)	
					5 1/2"	3663	250		
R. O. Sims	No. 1	1980' FNL & 1980' FEL 4, 23-S, 37-E	3323	3687	13"	252	250	OH(3392-3687)	
					7"	3392	200		

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WELL COMPLETION DATA
SKELLY PENROSE "A" UNIT
PROPOSED UNIT
LEA COUNTY, NEW MEXICO

OPERATOR / LEASE	WELL NO.	LOCATION Sec., Township, Range	ELEVATION D.F. (Feet)	TOTAL DEPTH (Feet)	CASING PROGRAM Size(Inches)	Depth(Ft)	Cement(Sks)	PRODUCING INTERVAL (Feet)	REMARKS
(CONTINUED)									
SKELLY OIL COMPANY									
H. O. Sims	No. 2	1980' FNL & 660' FEL 4, 23-S, 37-E	3317	3668	10 3/4"	154	100 (Circ.)	OH(3421-3668)	Convert to WIW.
					7"	3399	300 (Circ.)		
					DV Tool	1225	200 (Circ.)		
					5 1/2"	3421	175		
H. O. Sims	No. 3	1989' FNL & 660' FWL 3, 23-S, 37-E	3308	3630	10 3/4"	161	100 (Circ.)	OH(3410-3620)	
					7"	3410	300		
					DV Tool	1182	200		
H. O. Sims	No. 4	660' FNL & 660' FWL 3, 23-S, 37-E	3321	3622	16"	93	100 (Circ.)	OH(3422-3612)	Convert to WIW.
					8 5/8"	1163	75		
					7"	3420	150		
H. O. Sims	No. 5	1980' FSL & 1980' FEL 33, 22-S, 37-E	3344	3705	16"	144	150 (Circ.)	OH(3384-3705)	Convert to WIW.
					8 5/8"	1168	0		
					7"	3384	100		
H. O. Sims	No. 5	1980' FSL & 1980' FEL 33, 22-S, 37-E	3344	3705	16"	144	150 (Circ.)	OH(3384-3705)	Convert to WIW.
					8 5/8"	1168	0		
					7"	3384	100		
H. O. Sims	No. 6	1980' FSL & 1980' FWL 34, 22-S, 37-E	3330	3645	16"	93	50 (Circ.)	OH(3378-3620)	
					7"	3378	100		
H. O. Sims	No. 7	660' FNL & 1980' FWL 3, 23-S, 37-E	3307	3637	16"	89	50 (Circ.)	OH(3413-3637)	
					7"	3415	250		
H. O. Sims	No. 8	660' FSL & 1980' FWL 34, 22-S, 37-E	3318	3660	16"	58	100 (Circ.)	OH(3531-3660)	Injection Well fo Pilot Flood.
					7"	3383	250		
					5"(Liner)	3531	100 (Circ.)		
H. O. Sims	No. 9	1980' FSL & 660' FWL 34, 22-S, 37-E	3333	3670	16"	87	100 (Circ.)	OH(3530-3560)	Injection Well fo Pilot Flood.
					8 5/8"	1158	0		
					7"	3409	250		
					5"(Liner)	3530	100 (Circ.)		
H. O. Sims	No. 10	660' FSL & 660' FWL 34, 22-S, 37-E	3326	3666	16"	72	100 (Circ.)	OH(3404-3666)	
					7"	3404	250		
					5"	3109	250		
H. O. Sims	No. 11	660' FEL & 1980' FSL 33, 22-S, 37-E	3337	3685	16"	116	100 (Circ.)	OH(3415-3600)	
					7"	3415	250		
H. O. Sims	No. 12	1980' FEL & 660' FSL 33, 22-S, 37-E	3347	3680	16"	108	100 (Circ.)	OH(3396-3680)	
					7"	3396	200		
H. O. Sims	No. 13	660' FWL & 1980' FEL 4, 23-S, 37-E	3338	3813	16"	105	100 (Circ.)	OH(3391-3675)	Convert to WIW.
					7"	3391	200		
H. O. Sims	No. 14	660' FNL & 660' FEL 4, 23-S, 37-E	3329	3680	16"	81	150 (Circ.)	OH(3378-3680)	
					7"	3378	250		
H. O. Sims	No. 15	660' FSL & 330' FEL 33, 22-S, 37-E	3332	3674	16"	96	100 (Circ.)	OH(3387-3674)	Convert to WIW.
					7"	3387	250		
R. R. Sims	No. 1	660' FSL & 660' FEL 4, 23-S, 37-E	3323	3669	13"	289	250 (Circ.)	OH(3333-3669)	Convert to WIW.
					7"	3333	200 (Circ.)		
					DV Tool	1269	200 (Circ.)		
R. R. Sims	No. 2	1980' FWL & 1980' FSL 3, 23-S, 37-E	3298	3600	15 1/2"	125	50	OH(3420-3600)	
					8 5/8"	1193	30		
					7"	3420	150		
R. R. Sims	No. 3	660' FSL & 1980' FEL 4, 23-S, 37-E	3315	3670	10 3/4"	143	75	OH(3394-3610)	
					7"	3394	300		
					↓ DV Tool	1250	200		

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WELL COMPLETION DATA
SKELLY PENROSE "A" UNIT
PROPOSED UNIT
LEA COUNTY, NEW MEXICO

OPERATOR LEASE	WELL NO.	LOCATION Sec., Township, Range	ELEVATION D.F. (Feet)	TOTAL DEPTH (Feet)	CASING PROGRAM Size(Inches)	Depth (Ft)	Cement(Sks)	PRODUCING INTERVAL (Feet)	REMARKS
(CONTINUED)									
SKELLY OIL COMPANY									
R. R. Sims	No. 4	660' FSL & 1980' FWL 4, 23-S, 37-E	3322	3650	10 3/4"	154	100 (Circ.)	OH(3389-3650)	Convert to WIW.
					7"	3389	300 (Circ.)		
					DV Tool	1211	300 (Circ.)		
R. R. Sims	No. 5	1980' FSL & 660' FWL 3, 23-S, 37-E	3303	3610	10 3/4"	156	100 (Circ.)	OH(3408-3610)	Convert to WIW.
					7"	3408	300 (Circ.)		
					DV Tool	1201	200 (Circ.)		
R. R. Sims	No. 6	660' FSL & 660' FWL 3, 23-S, 37-E	3299	3630	9 5/8"	1099	250	OH(3318-3630)	
					7"	3318	250		
R. R. Sims	No. 8	500' FSL & 990' FWL 4, 23-S, 37-E	3328	3650	8 5/8"	370	225 (Circ.)	(Perf.)(3506-3636)	
					5 1/2"	3650	200		
W. P. Sims	No. 1	660' FNL & 660' FEL 10, 23-S, 37-E	3298	3653	13"	203	175 (Circ.)	OH(3399-3653)	
					7"	3399	200		
					DV Tool	1233	300		
W. P. Sims	No. 2	1980' FNL & 660' FEL 10, 23-S, 37-E	3294	3650	16"	123	100 (Circ.)	OH(3350-3650)	Convert to WIW.
					8 5/8"	1174	100		
					7"	3350	200		

OVS/hh

N.M.O.C.D. MICROGRAPHICS

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SKELLY OIL CO.

EXHIBIT NO. D

DOCKET OR CASE NO. 3539

DATE 3-15-61

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. D
Case No. 3538 and 3539

A.S.M.C.F. MICRORAMICS

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