

CURRENT WATER PRODUCTION
WITHIN PROPOSED NORTHEAST DRINKARD UNIT AREA

There are 140 wells currently producing from the Blinebry, Tubb, and Drinkard zones within the Unit area. A total Unit area water production volume of between 200 and 225 barrels(*) is produced each day. Each well produces on the average approximately 1.5 barrels of water per day.

(*) Based on well test data from operators within proposed Unit area.

TOWNSHIP 21S, RANGE 37E, N.M.P.M.

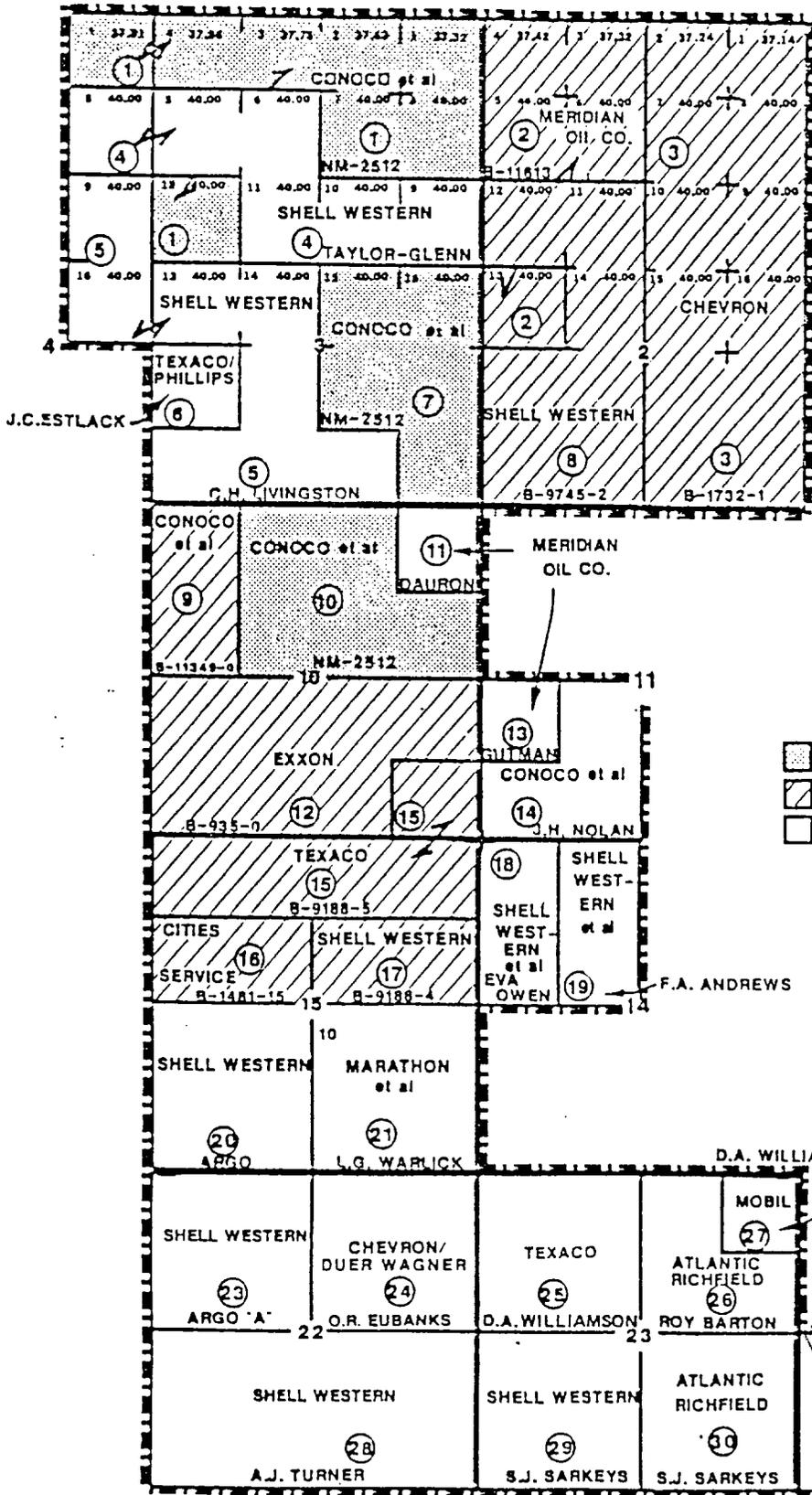


EXHIBIT "A"
 NORTHEAST DRINKARD UNIT
 LEA COUNTY, NEW MEXICO
 SHELL WESTERN E & P INC., OPERATOR

- LEGEND
- ④ UNIT TRACT NUMBER
 - UNIT BOUNDARY

	ACREAGE	PERCENTAGE
FEDERAL LANDS	708.67	14.12
STATE LANDS	1,669.12	33.26
PATENTED (FEE) LANDS	2,640.00	52.62
TOTALS	5,017.79	100%



NOTE: UNLESS OTHERWISE INDICATED,
 THE VARIOUS SECTIONS ON
 THIS MAP CONTAIN 640.00 ACRES.

TOWNSHIP 21S, RANGE 37E, N.M.P.M.

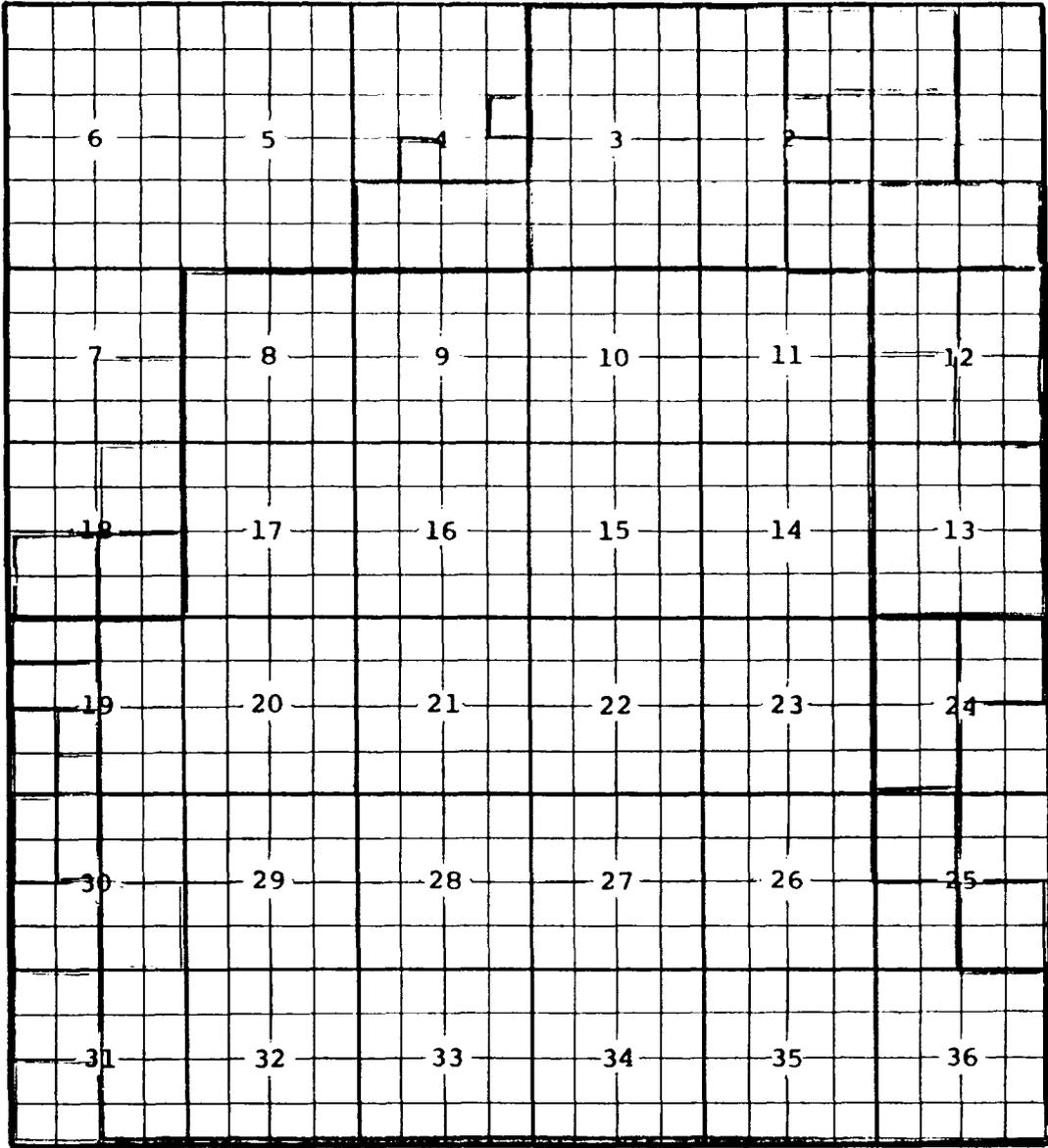
COUNTY *Lea*

POOL *Drinkard*

TOWNSHIP *21 South*

RANGE *37 East*

NMIM



Description: $\frac{W}{2}$ Sec. 2; All Sec. 3 (850, Redefined)

Ext: All Sec. 8, 9, 10, 11, 14, 15, 16, 17; $\frac{E}{2}$ Sec. 19; All Sec. 20 thru 23; $\frac{SW}{4}$ Sec. 25;

All Sec. 26 thru 29; $\frac{E}{2}$ Sec. 30; $\frac{E}{2}$ Sec. 31; All Sec. 32 thru 36 (R-92)

- $\frac{S}{2}$ Sec. 4 (R-136) - All Sec. 13 (R-393) - $\frac{W}{2}$ Sec. 24 (R-511) - $\frac{NW}{4}$ Sec. 12 (R-1929 7-1-61)

- Lot 14 Sec. 4 (R-2119 12-1-61) - $\frac{SE}{4}$ $\frac{SW}{4}$ Sec. 19; $\frac{E}{2}$ $\frac{NW}{4}$ Sec. 30 (R-2187 3-1-62)

- $\frac{NE}{4}$ $\frac{SW}{4}$ Sec. 19; $\frac{W}{2}$ $\frac{NW}{4}$ Sec. 30 (R-2241 6-1-62) - $\frac{SE}{4}$ Sec. 21 (R-2313 10-1-62) - Lot 10 Sec. 2;

$\frac{W}{2}$ $\frac{SW}{4}$ Sec. 19 (R-2393 1-1-63) - $\frac{S}{2}$ $\frac{NW}{4}$ Sec. 19 (R-2427 3-1-63) - Lot 9 Sec. 4; R-2639 2-1-64)

- $\frac{N}{2}$ $\frac{NW}{4}$ Sec. 19 (R-2879 4-1-65) - $\frac{NW}{4}$ Sec. 25 (R-3731 5-1-69) - $\frac{S}{2}$ Sec. 1; $\frac{SE}{4}$ Sec. 25 (R-515 9-1-69)

- $\frac{SE}{4}$ Sec. 18 (R-4351 8-1-72) Ext: $\frac{SW}{4}$ Sec. 12 (R-4665 12-1-73)

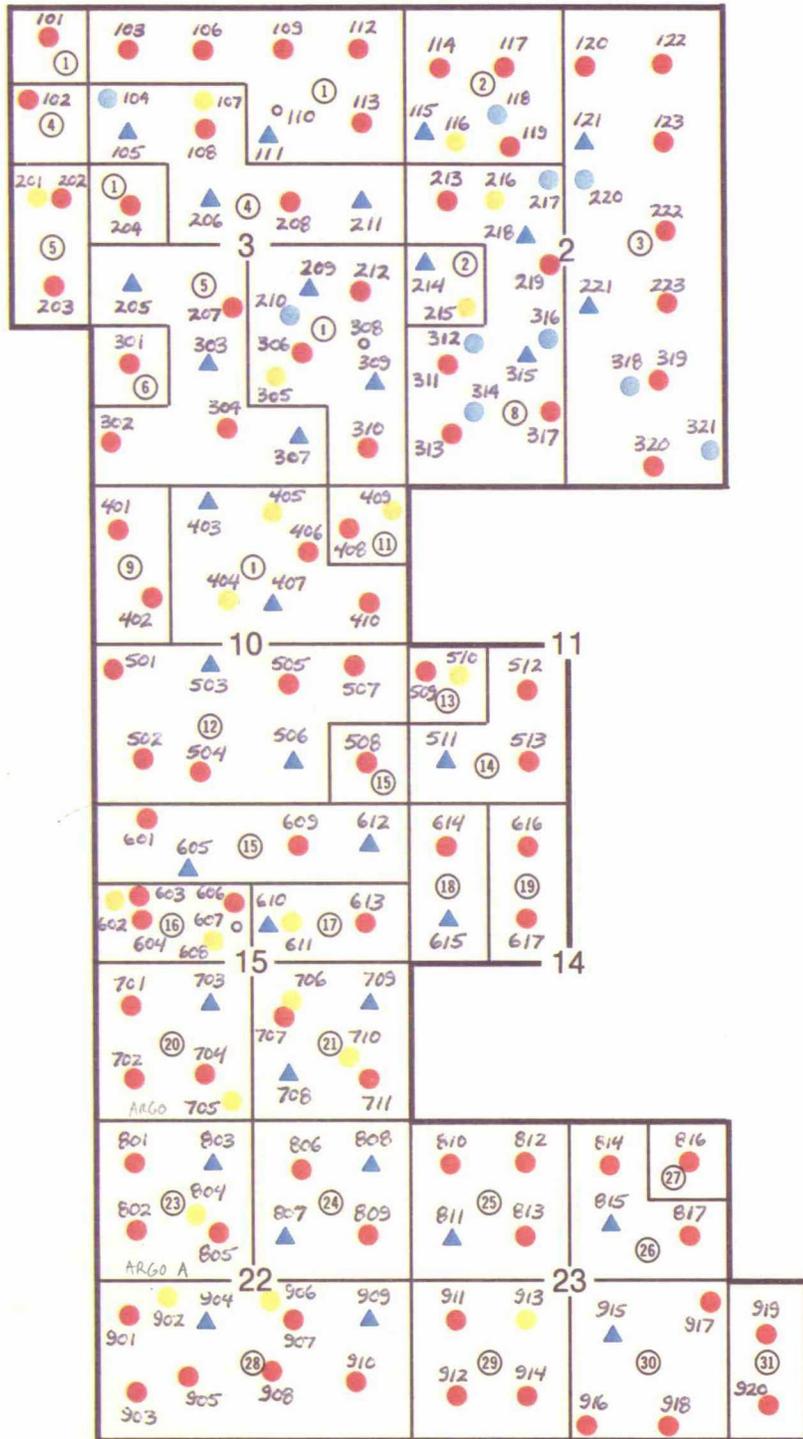
Ext: $\frac{SW}{4}$ Sec. 31 (R-4969 4-1-75) Ext: $\frac{NW}{4}$ Sec. 31 (R-5115 1-1-75)

Ext: $\frac{NE}{4}$ Sec. 18 (R-5124 12-1-75) Ext: $\frac{SW}{4}$ Sec. 30 (R-5171 4-1-76)

Ext: $\frac{SE}{4}$ Sec. 7 (R-5226 1-1-76) Ext: $\frac{SW}{4}$ Sec. 18 (R-6169 11-1-77)

EXT: $\frac{E}{2}$ Sec. 12 (R-6923 3-9-82)

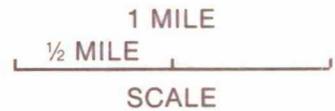
Proposed Flood Plan



LEGEND

- WATER SOURCE WELL
- GAS WELL
- OIL WELL
- ▲ WATER INJECTION WELL

① TRACT NUMBER



**PROPOSED NORTHEAST
DRINKARD UNIT**

**WELLBORE UTILIZATION
& INJECTION PATTERN**

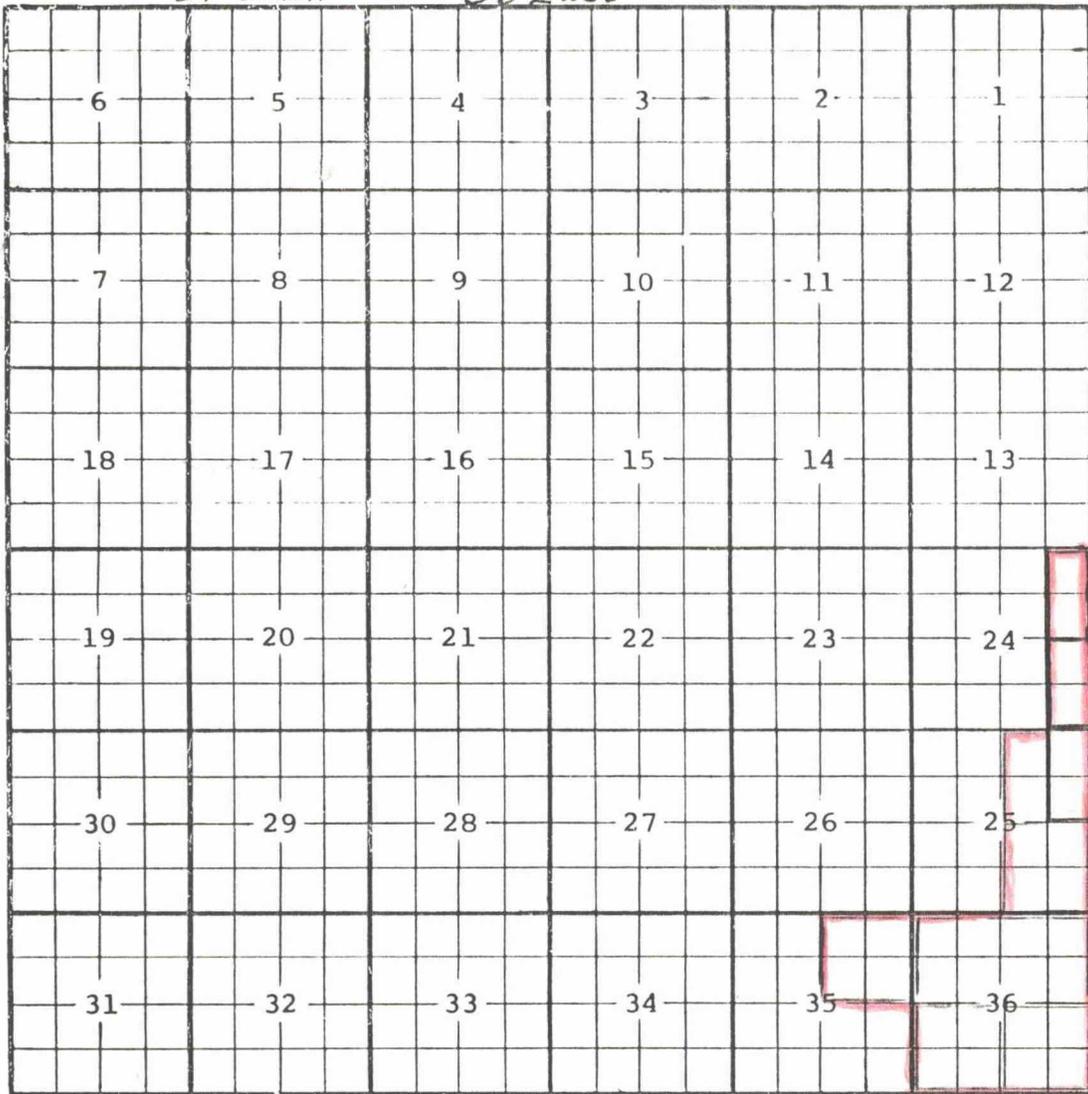
COUNTY *Lea*

POOL *Drinkard*

TOWNSHIP *21 South*

RANGE *36 East*

NMFM



Ext: $\frac{E}{2} \frac{SE}{4}$ Sec. 24 (R-7393, 1-1-63) - $\frac{E}{2} \frac{NE}{4}$ Sec. 25 (R-2569, 10-1-63)
 - $\frac{E}{2} \frac{NE}{4}$ Sec. 24 (R-4014, 9-1-70). Ext: $\frac{SE}{4}$ Sec 36, (R-4969, 4-1-75)
 Ext: $\frac{SW}{4}$ Sec 36 (R-5015, 6-1-75). Ext: $\frac{N}{2}$ Sec 36 (R-5056, 1-1-75)
 Ext: $\frac{SE}{4}$ Sec 25 (R-5171, 4-1-76) Ext: $\frac{W}{2} \frac{NE}{4}$ Sec 25 (R-5511, 9-1-77)
 Ext: $\frac{NE}{4}$ Sec 35 (R-5609, 1-1-78)

COUNTY *Lea*

POOL *Drinkard*

TOWNSHIP *27 South*

RANGE *36 East*

DEPT

6	5	4	3	2	
7	8	9	10	11	
18	17	16	15	14	
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36



Ext: $\frac{NE}{4}$ Sec. 1 (R-4566, 7-1-73) Ext: $\frac{SE}{4}$ Sec. 1 (R-4782, 6-1-74)

Ext: $\frac{NE}{4}$ Sec. 13 (R-5754, 7-1-78)

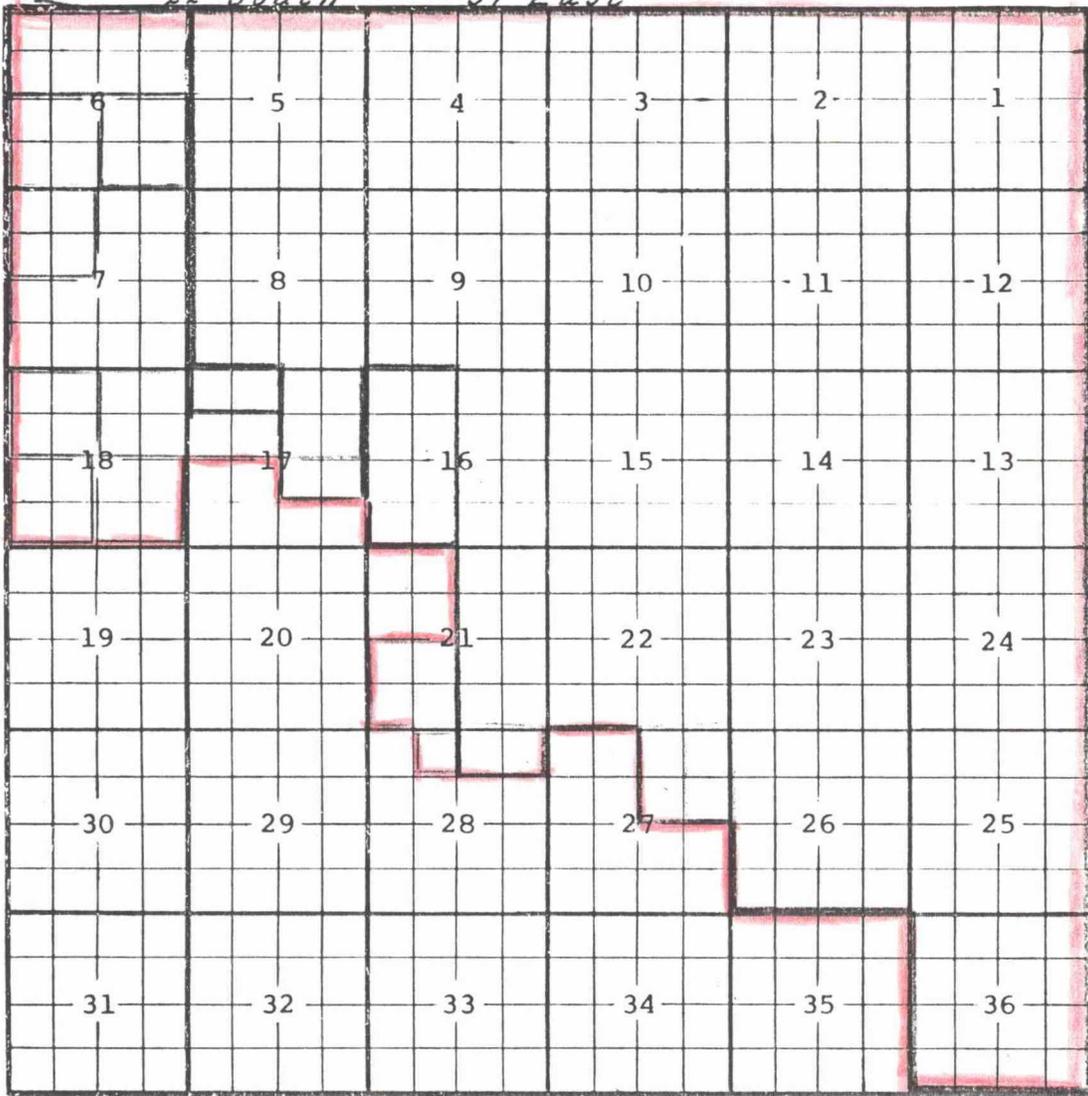
Ext: $\frac{SE}{4}$ Sec. 12 (R-5987, 4-1-79) Ext: NW/4 Sec. 1 (R-6005, 6-1-79)

Ext: SW/4 Sec. 12 (R-6274, 3-1-80) Ext: $\frac{NW}{4}$ Sec. 13 (R-6657, 4-20-81)

Ext: $\frac{NE}{4}$ Sec. 12 (R-7917, 5-13-85)

COUNTY *Lea* POOL *Drinkard*

TOWNSHIP *22-South* RANGE *37-East* NMPM



Description: All Secs. 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15; $\frac{E}{2}$ Sec. 16;
 $\frac{E}{2}$ Sec. 21; All Secs. 22, 23, 24, 25, 26 & 36.
Ext: $\frac{E}{2}$ $\frac{NE}{4}$ Sec. 27; $\frac{N}{2}$ $\frac{NE}{4}$ Sec. 28, (R-1023, 7-30-57). - $\frac{W}{2}$ $\frac{NE}{4}$
Sec. 27, (R-1089, 11-27-57). - $\frac{NE}{4}$ $\frac{N}{2}$ $\frac{SE}{4}$ Sec. 17, (R-1840, 1-1-61).
- $\frac{N}{2}$ $\frac{NW}{4}$ Sec. 17, (R-2427, 3-1-63). - $\frac{W}{2}$ Sec. 16 (R-3355, 1-1-68)
- $\frac{N}{2}$ Sec. 6 (R-4566, 7-1-73). Ext: $\frac{SE}{4}$ Sec. 6 (R-4782, 6-1-74)
Ext: $\frac{SW}{4}$ Sec. 6, $\frac{NW}{4}$ Sec. 7 (R-5102, 10-1-75)
Ext: $\frac{NE}{4}$ $\frac{NW}{4}$ Sec. 28 (R-5252, 9-1-76) Ext: $\frac{SW}{4}$ $\frac{NW}{4}$ Sec. 17, $\frac{NE}{4}$ Sec. 17
- $\frac{SW}{4}$ Sec. 21 (R-5456, 7-1-77) Ext: $\frac{NW}{4}$ Sec. 18 (R-5511, 9-1-77)
Ext: $\frac{SW}{4}$ Sec. 18 (R-5609, 1-1-78) Ext: $\frac{E}{2}$ $\frac{SW}{4}$ Sec. 7 (R-5781, 9-1-78)
Ext: $\frac{SE}{4}$ Sec. 18 (R-5987, 9-1-79)

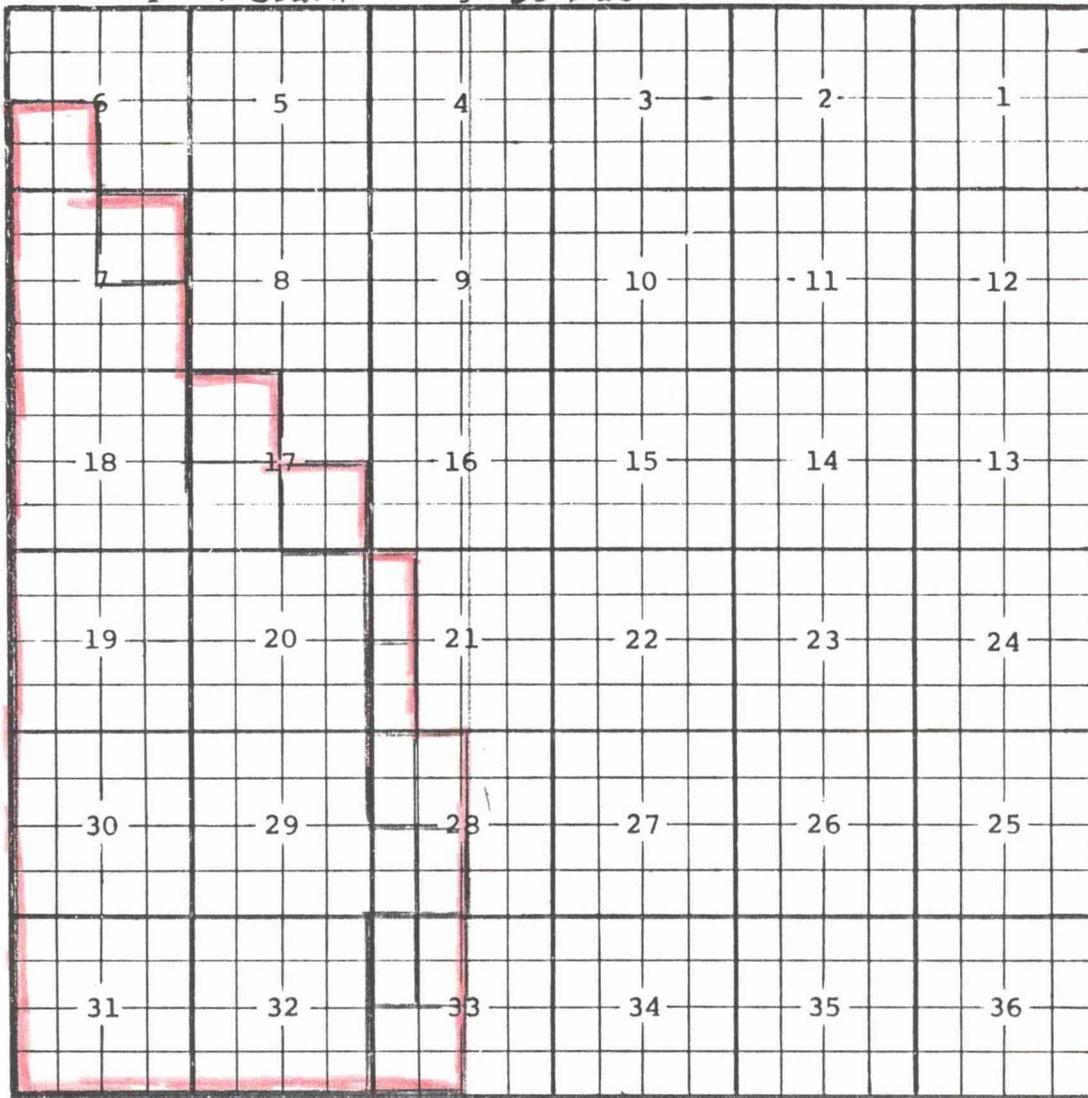
County Lea

Pool Drinkard

Township 22 South

Range 38 East

NMPM



Description: $\frac{SW}{4}$ Sec. 6; $\frac{W}{2}$ Sec. 7; $\frac{W}{2}$ Sec. 18; All Sec. 19, 20, 29, 30, 31 & 32.

Ext: $\frac{E}{2}$ Sec. 18 (R-382) - $\frac{SE}{4}$ Sec. 7 (R-584, 2-16-55) - $\frac{3W}{4}$ Sec. 17 (R-1372, 5-1-59)

- $\frac{NW}{4}$ $\frac{SW}{4}$ Sec. 28 (R-1633, 4-1-60) - $\frac{SW}{4}$ $\frac{SW}{4}$ Sec. 28 (R-2119, 12-1-61)

- $\frac{W}{2}$ $\frac{NW}{4}$ Sec. 33 (R-2241, 6-1-62) - $\frac{NW}{4}$ Sec. 17 (R-2692, 5-1-64) - $\frac{W}{2}$ $\frac{NW}{4}$ Sec. 28 (R-2913, 7-1-65)

- Lots 3 & 4 Sec. 28 (R-2938, 8-1-65) - Lots 1 & 2 Sec. 28; Lots 1 & 2 Sec. 33 (R-3014, 1-1-66)

- $\frac{W}{2}$ $\frac{SW}{4}$ Sec. 21 (R-3067, 6-1-66) - $\frac{SE}{4}$ Sec. 17 (R-3139, 11-1-66) - $\frac{NE}{4}$ Sec. 7; $\frac{W}{2}$ $\frac{NW}{4}$ Sec. 21;

Lots 3, 4 & $\frac{W}{2}$ $\frac{SW}{4}$ Sec. 33 (R-3818, 9-1-69)

COMPLETION AND PERFORMANCE HISTORY

of

NEDU NO. 204 (CONOCO'S HAWK B-3 NO. 22)

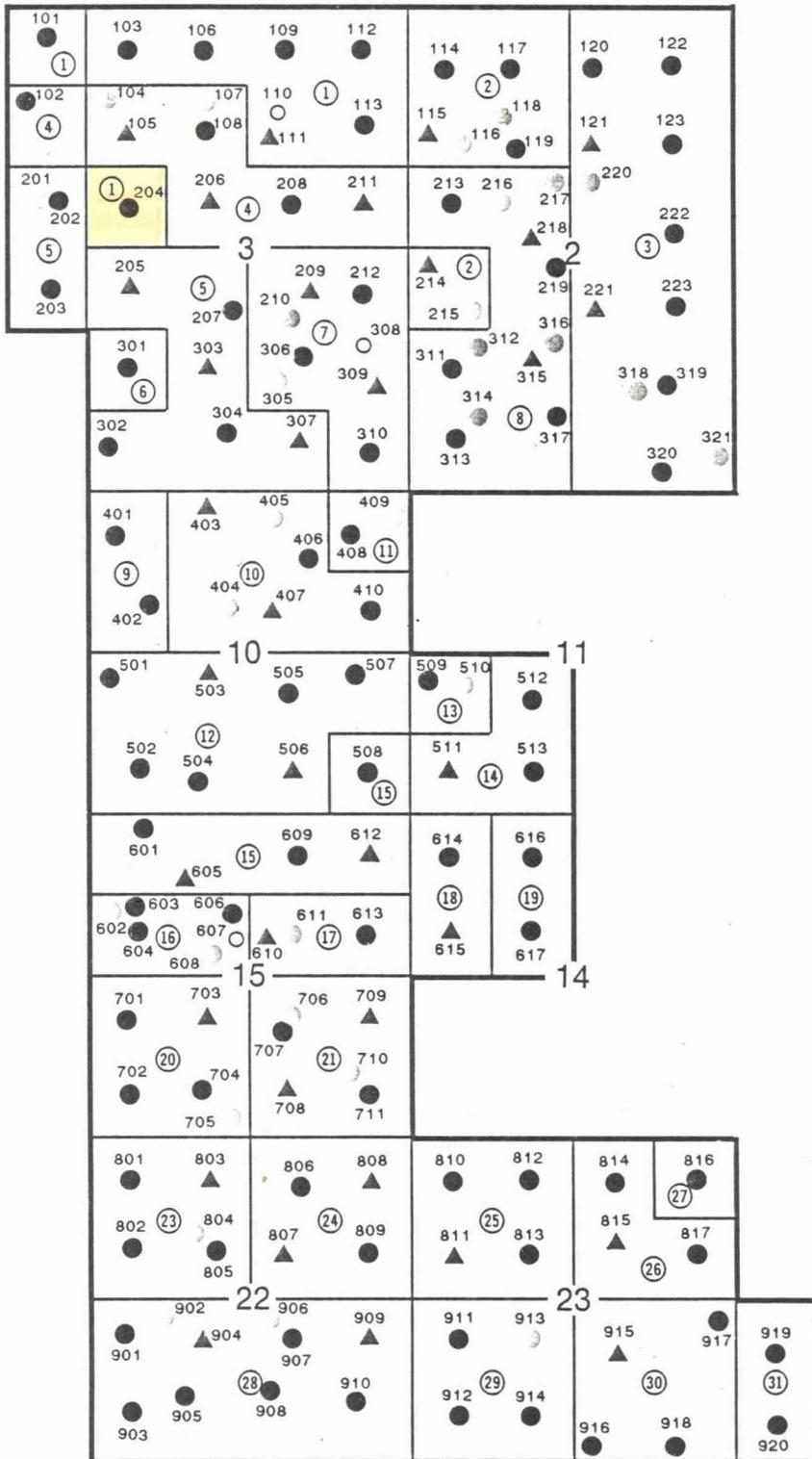
° Sources of Information

1. Well Completion Data provided by Conoco for Technical Committee Study.
2. Petroleum Information Scout Card "On Line System".
3. Monthly Production Data retrieved from Petroleum Information Services "On Line System"; data not available prior to 1970.

° Attachments

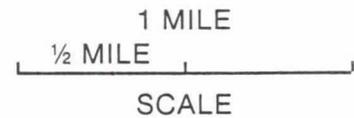
1. Well Location Plat
2. Completion History Summary
3. Log Section with Completion Intervals
4. Performance History Table

Proposed Flood Plan



LEGEND

- WATER SOURCE WELL
- ◐ GAS WELL
- OIL WELL
- ▲ WATER INJECTION WELL
- ① TRACT NUMBER



**PROPOSED NORTHEAST
DRINKARD UNIT**

**WELLBORE UTILIZATION
& INJECTION PATTERN**

COMPLETION HISTORY SUMMARY

NEDU NO. 204 (CONOCO'S HAWK B-3 NO. 22)

°	<u>Location</u>	3300' FNL and 760' FWL of Section 3, T21S, R37E Lea County, New Mexico
°	<u>Completed</u>	11/20/62
°	<u>TD</u>	6800 feet

Initial Completion Work 10/62

- ° Perf/6000 gal. acid treat/tested/squeezed from 6610'-86' (Drinkard Zones III & IV).
- ° Perf w/2 JSPF 6526'-6586' (Drinkard Zones I & II); acidized w/1300 gallon acid; sand frac w/19,000 gal crude and 13,000# sand.
- ° Set CIBP @ 6450' with 2 SX cement on top.
- ° Perf w/2 JSPF 6218'-6384' (Tubb); acidized w/1500 gallon acid; sand frac w/20,000 gal crude and 20,000# sand.
- ° Set CIBP @ 6200' with 2 SX cement on top.
- ° Perf w/2 JSPF 5811'-56' and 5867'-6037' (Blinebry Zones III, IV, & V); acidized w/1000 gal acid; sand frac w/20,000 gal crude and 20,000# sand.
- ° Final 10/62 well completion was in only Blinebry Zones III, IV, & V (5811'-56' and 5867'-6037').

Blinebry Zones III, IV, & V Initial Production Test

Flowed 14 BPD (24 hours) with GOR 25,357 SCF/B
Tubing Pressure 300 psi
Gravity - 38°API

- ° Blinebry Zones III, IV, V ceased production in early 1970. Monthly production data not available from PI "On Line System" prior to 1970.

Well Work 7/78

- ° Set CIBP @ 5785'
- ° Perf w/1 JSPF Blinebry Zones I and II (5607'-5761'); acidized w/2500 gal acid; sand frac w/18,000 gal gel and 27,500# sand.

Blinebry Zones I & II Cumulative Production through June 1987

Gas - 761,698 MCF
Condensate - 13,753 BBLS
Cumulative Gas/Liquid Ratio - 55,384

BNBP8727303

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PERFORMANCE HISTORY TABLE

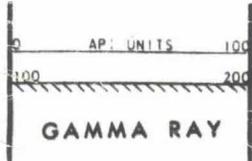
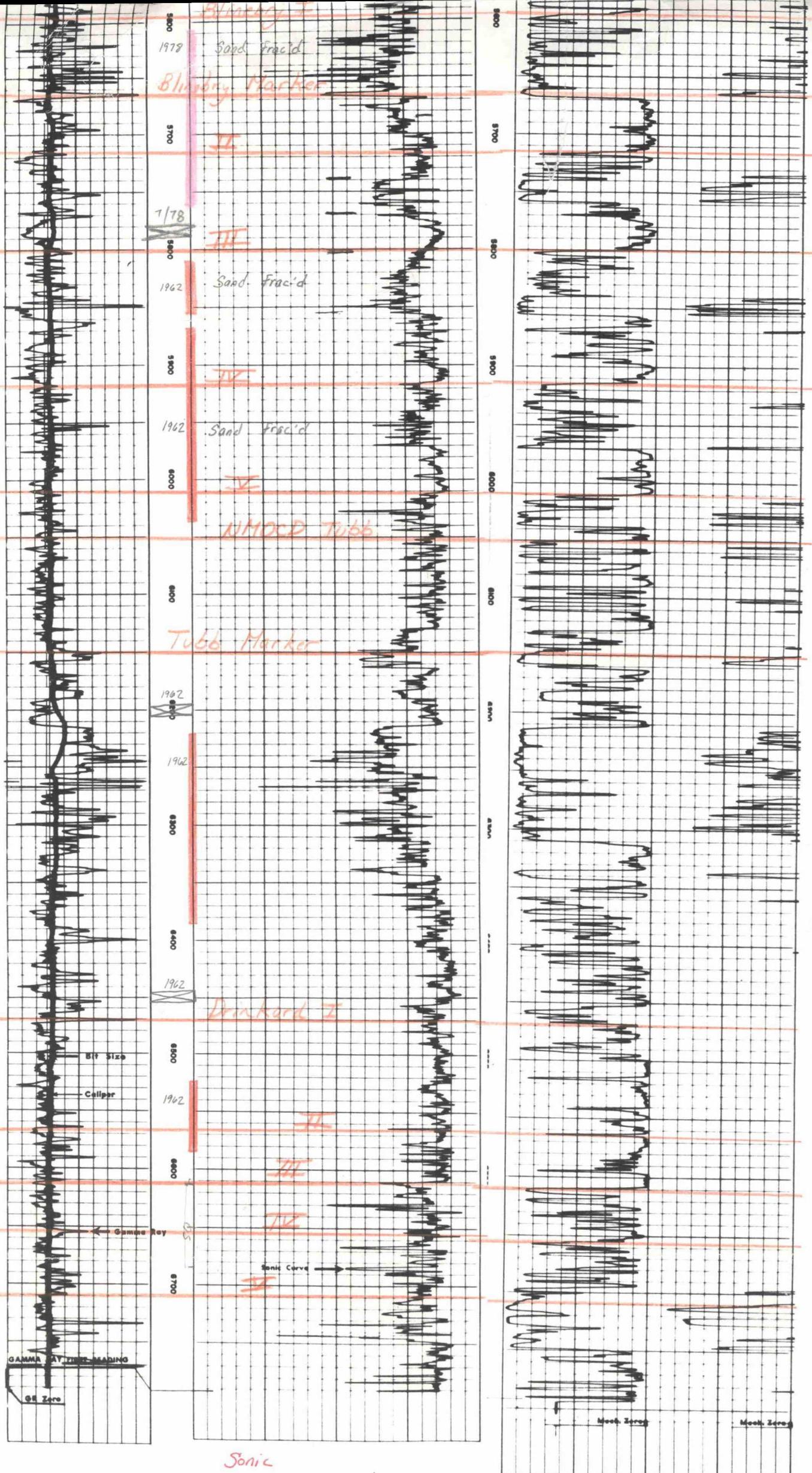
NEDU No. 204 (Conoco's Hawk B-3 No. 22)

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YEAR	MON	CONDENSATE		GAS		CUMULATIVE	
		(bbl)	(bpd)	(mcf)	(mcfpd)	(bbl)	(mcf)
1978	JAN	0	0.0	0	0.0	0	0
	FEB	0	0.0	0	0.0	0	0
	MAR	0	0.0	0	0.0	0	0
	APR	0	0.0	0	0.0	0	0
	MAY	0	0.0	0	0.0	0	0
	JUN	0	0.0	0	0.0	0	0
	JUL	0	0.0	0	0.0	0	0
	AUG	0	0.0	0	0.0	0	0
	SEP	481	15.9	37970	1255.2	481	37970
	OCT	510	16.9	4026	133.1	991	41996
	NOV	488	16.1	10005	330.7	1479	52001
	DEC	479	15.8	10921	361.0	1958	62922
1979	JAN	173	5.7	13063	431.8	2131	75985
	FEB	216	7.1	14403	476.1	2347	90388
	MAR	200	6.6	12824	423.9	2547	103212
	APR	222	7.3	14178	468.7	2769	117390
	MAY	260	8.6	12798	423.1	3029	130188
	JUN	382	12.6	22413	740.9	3411	152601
	JUL	328	10.8	22247	735.4	3739	174848
	AUG	324	10.7	22457	742.4	4063	197305
	SEP	208	6.9	11062	365.7	4271	208367
	OCT	332	11.0	15491	512.1	4603	223858
	NOV	361	11.9	17747	586.7	4964	241605
	DEC	402	13.3	14501	479.4	5366	256106
1980	JAN	171	5.7	9732	321.7	5537	265838
	FEB	90	3.0	9286	307.0	5627	275124
	MAR	111	3.7	11329	374.5	5738	286453
	APR	94	3.1	10216	337.7	5832	296669
	MAY	177	5.9	11524	381.0	6009	308193
	JUN	222	7.3	10445	345.3	6231	318638
	JUL	199	6.6	3510	116.0	6430	322148
	AUG	181	6.0	2599	85.9	6611	324747
	SEP	169	5.6	7628	252.2	6780	332375
	OCT	186	6.1	7541	249.3	6966	339916
	NOV	155	5.1	9402	310.8	7121	349318
	DEC	184	6.1	10380	343.1	7305	359698

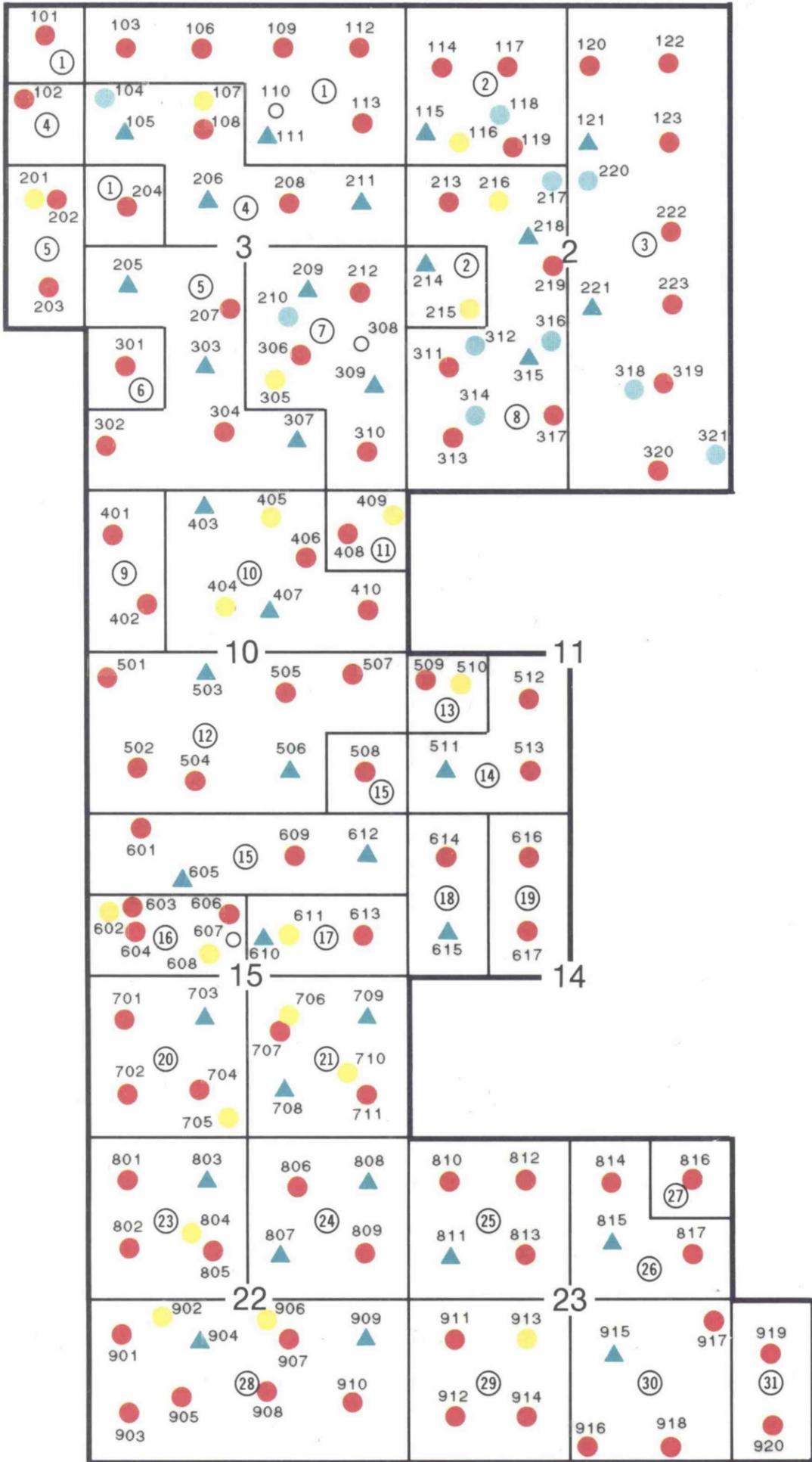
1981	JAN	144	4.8	10265	339.3	7449	369963
	FEB	17	0.6	9034	298.6	7466	378997
	MAR	22	0.7	10708	354.0	7488	389705
	APR	24	0.8	9827	324.9	7512	399532
	MAY	120	4.0	9934	328.4	7632	409466
	JUN	142	4.7	5096	168.5	7774	414562
	JUL	145	4.8	2194	72.5	7919	416756
	AUG	77	2.5	2416	79.9	7996	419172
	SEP	66	2.2	3036	100.4	8062	422208
	OCT	76	2.5	9433	311.8	8138	431641
	NOV	67	2.2	7946	262.7	8205	439587
	DEC	65	2.1	8653	286.0	8270	448240
1982	JAN	70	2.3	8144	269.2	8340	456384
	FEB	66	2.2	7283	240.8	8406	463667
	MAR	51	1.7	7258	239.9	8457	470925
	APR	55	1.8	7708	254.8	8512	478633
	MAY	51	1.7	7550	249.6	8563	486183
	JUN	53	1.8	7397	244.5	8616	493580
	JUL	48	1.6	7168	237.0	8664	500748
	AUG	47	1.6	7586	250.8	8711	508334
	SEP	47	1.6	6586	217.7	8758	514920
	OCT	60	2.0	7663	253.3	8818	522583
	NOV	61	2.0	6049	200.0	8879	528632
	DEC	58	1.9	5925	195.9	8937	534557
1983	JAN	77	2.5	6140	203.0	9014	540697
	FEB	62	2.0	5835	192.9	9076	546532
	MAR	60	2.0	5902	195.1	9136	552434
	APR	79	2.6	5992	198.1	9215	558426
	MAY	79	2.6	5718	189.0	9294	564144
	JUN	71	2.3	5724	189.2	9365	569868
	JUL	64	2.1	5307	175.4	9429	575175
	AUG	69	2.3	3775	124.8	9498	578950
	SEP	77	2.5	1842	60.9	9575	580792
	OCT	73	2.4	2260	74.7	9648	583052
	NOV	72	2.4	1993	65.9	9720	585045
	DEC	78	2.6	2373	78.4	9798	587418
1984	JAN	72	2.4	2932	96.9	9870	590350
	FEB	66	2.2	3171	104.8	9936	593521
	MAR	79	2.6	1904	62.9	10015	595425
	APR	56	1.9	1593	52.7	10071	597018
	MAY	71	2.3	3347	110.6	10142	600365
	JUN	188	6.2	3737	123.5	10330	604102
	JUL	179	5.9	3802	125.7	10509	607904
	AUG	44	1.5	3599	119.0	10553	611503
	SEP	43	1.4	3838	126.9	10596	615341
	OCT	109	3.6	4215	139.3	10705	619556
	NOV	92	3.0	3589	118.6	10797	623145
	DEC	102	3.4	3781	125.0	10899	626926

1985	JAN	91	3.0	1222	40.4	10990	628148
	FEB	79	2.6	2701	89.3	11069	630849
	MAR	55	1.8	3159	104.4	11124	634008
	APR	102	3.4	7436	245.8	11226	641444
	MAY	90	3.0	7683	254.0	11316	649127
	JUN	65	2.1	3905	129.1	11381	653032
	JUL	75	2.5	3791	125.3	11456	656823
	AUG	67	2.2	3465	114.5	11523	660288
	SEP	83	2.7	5400	178.5	11606	665688
	OCT	37	1.2	1939	64.1	11643	667627
	NOV	140	4.6	5755	190.2	11783	673382
	DEC	132	4.4	4870	161.0	11915	678252
1986	JAN	112	3.7	5213	172.3	12027	683465
	FEB	117	3.9	4457	147.3	12144	687922
	MAR	117	3.9	5391	178.2	12261	693313
	APR	96	3.2	5191	171.6	12357	698504
	MAY	112	3.7	5234	173.0	12469	703738
	JUN	90	3.0	4959	163.9	12559	708697
	JUL	85	2.8	5043	166.7	12644	713740
	AUG	129	4.3	4715	155.9	12773	718455
	SEP	97	3.2	5065	167.4	12870	723520
	OCT	113	3.7	5272	174.3	12983	728792
	NOV	117	3.9	4640	153.4	13100	733432
	DEC	88	2.9	4547	150.3	13188	737979
1987	JAN	86	2.8	4313	142.6	13274	742292
	FEB	100	3.3	3715	122.8	13374	746007
	MAR	129	4.3	3996	132.1	13503	750003
	APR	72	2.4	3866	127.8	13575	753869
	MAY	81	2.7	4084	135.0	13656	757953
	JUN	97	3.2	3745	123.8	13753	761698



Conoco Hawk 8-3 #22

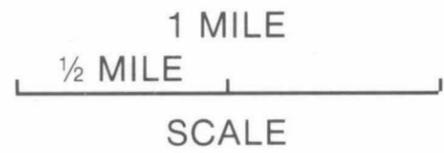
Proposed Flood Plan



LEGEND

- WATER SOURCE WELL
- GAS WELL
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- ▲ WATER INJECTION WELL

① TRACT NUMBER

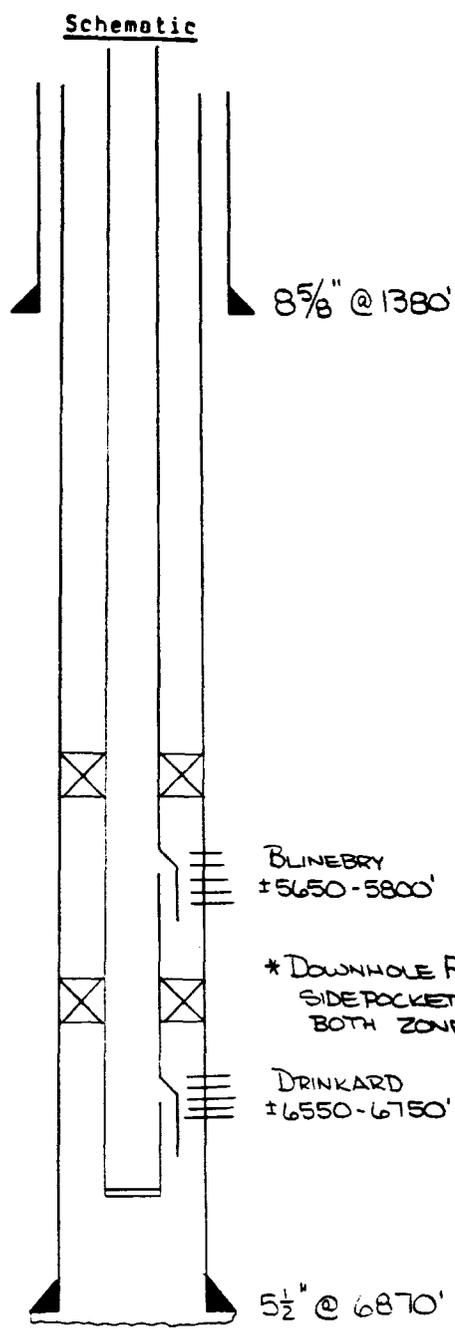


**PROPOSED NORTHEAST
DRINKARD UNIT**

**WELLBORE UTILIZATION
& INJECTION PATTERN**

Northeast Drinkard Unit
Exhibit Twenty-Seven
Cases 9230
9231
9232

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPT'S TAYLOR GLENN #11)
 WELL NO. 105W FOOTAGE LOCATION 2080'FNL & 660'FWL SECTION 3 TOWNSHIP 21S RANGE 37E



Tabular Data

Surface Casing
 Size 8 5/8 " Cemented with 400 sx.
 TOC SURF feet determined by CIRC
 Hole size 11 "

Intermediate Casinn
 Size — " Cemented with — sx.
 TOC — feet determined by —
 Hole size — "

Long string
 Size 5 1/2 " Cemented with 760 sx.
 TOC 3975' feet determined by CALC. w/ 50% LOSSES
 Hole size 7 7/8 "
 Total depth 6870'

Injection interval
±5650 feet to ±6750 feet (PERF'D)
 (perforated or open-hole, indicate which)

BLINBERRY
±5650-5800'

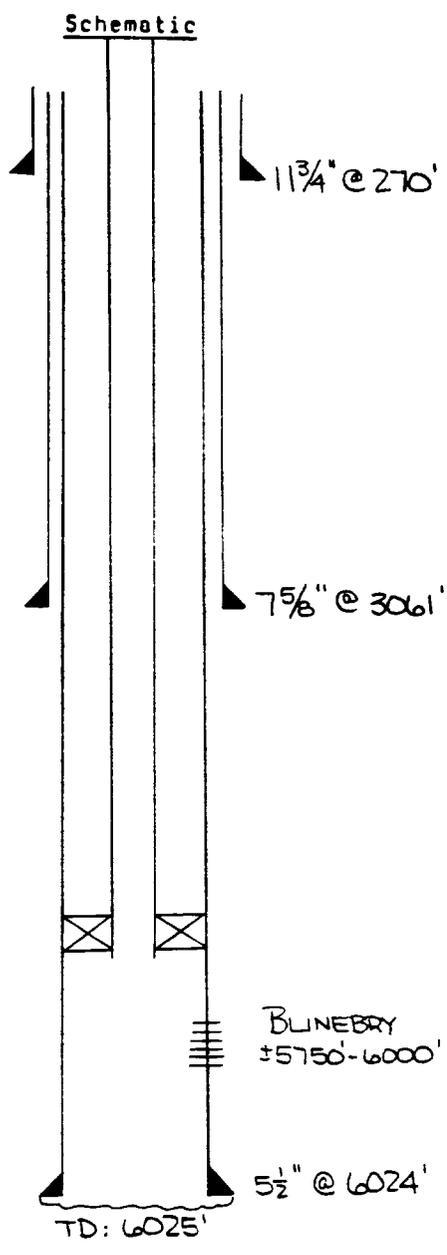
* DOWNHOLE FLOW REGULATOR IN
SIDEPOCKET MANDREL OPPOSITE
BOTH ZONES.

DRINKARD
±6550-6750'

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a
BAKERLOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500' feet
 (or describe any other casing-tubing seal). ± TENSION SET PKR @ ± 5600'

- Other Data
- Name of the injection formation BLINBERRY / DRINKARD
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD OIL PRODUCER
 - Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). - NO -
 - Give the depth to and name of any overlying and/or underlying oil or gas zones in this area.

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ETAL W.C. HANK B-3 No. 15)
 WELL NO. 109W FOOTAGE LOCATION 660' FNL & 1980' FEL SECTION 3 TOWNSHIP 21S RANGE 37E



Tabular Data

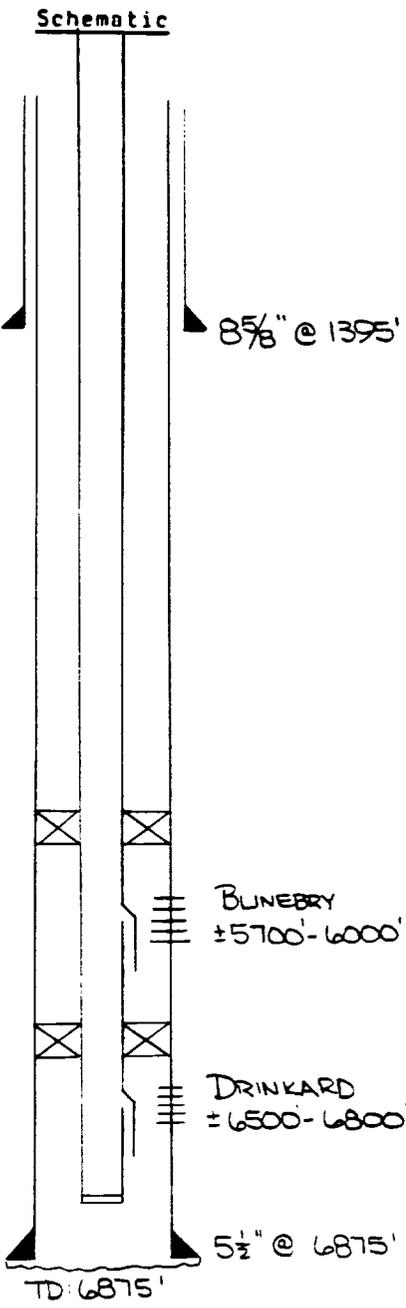
<u>Surface Casing</u>	
Size <u>1 1/4</u> "	Cemented with <u>375</u> sx.
TOC <u>SURF</u>	feet determined by <u>CIRC</u>
Hole size	<u>N/A</u>
<u>Intermediate Casing</u>	
Size <u>7 5/8</u> "	Cemented with <u>1112</u> sx.
TOC <u>1517</u>	feet determined by <u>TEMP SVY.</u>
Hole size	<u>N/A</u>
<u>Long string</u>	
Size <u>5 1/2</u> "	Cemented with <u>375</u> sx.
TOC <u>3190</u>	feet determined by <u>TEMP SVY</u>
Hole size	<u>N/A</u>
Total depth	<u>6025'</u>
<u>Injection interval</u>	
<u>±5750</u> feet to <u>±6000</u> feet (PERF'D)	
(perforated or open-hole, indicate which)	

Tubing size 2 3/8 lined with FIBERGLASS EPOXY set in a BAKER LOK-SET (OR EQUIVALENT) packer at ±5700 feet
(material)
(brand and model)
 (or describe any other casing-tubing seal).

- Other Data**
- Name of the injection formation BLINEBRY
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBRY PRODUCER
 - Had the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs used) -NO-
 - Give the depth to and name of any overlying and/or underlying oil or gas zone to 10' in this area.

VR1

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET AL.)
 WELL NO. 111W FOOTAGE LOCATION 2232' FNL & 2310' FEL SECTION _____ TOWNSHIP 3 - 21S - 37E RANGE W.C. HAWK B-3 No. 24



Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 599 sx.
 TOC SURF feet determined by CIRC
 Hole size 12 1/4 "

Intermediate Casing

Size - " Cemented with - sx.
 TOC - feet determined by -
 Hole size -

Long string

Size 5 1/2 " Cemented with 2612 sx.
 TOC SURF feet determined by CIRC
 Hole size 7 7/8 "
 Total depth 6875'

Injection interval

±5700 feet to ±6800 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATORS IN
 SIDEPCKET MANDRELS OPPOSITE
 BOTH ZONES.

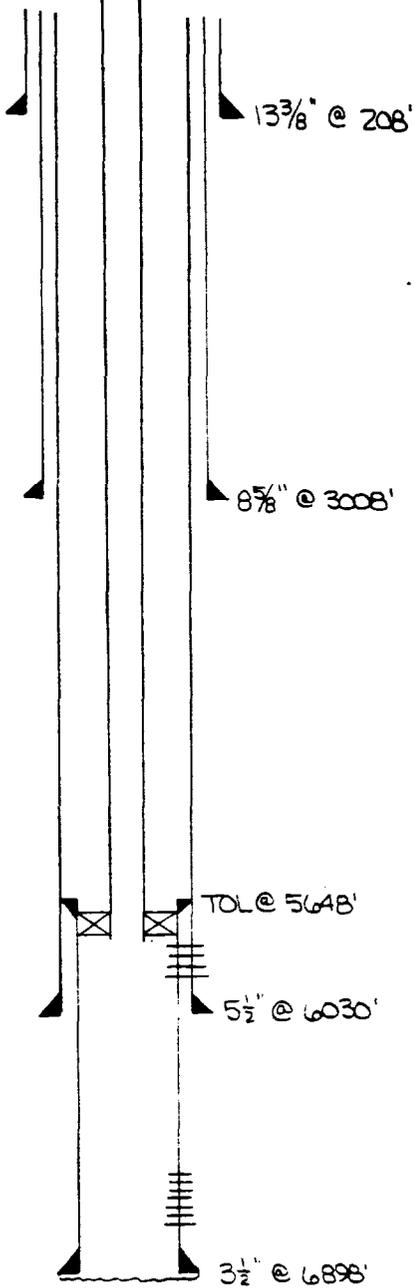
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6500 feet,
 (brand and model), w/ A TENSION PKR AT ±5650'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLUNBRY / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used): -NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY MERIDIAN'S STATE SEC 2 #6, OPERATED BY INDIAN BY CONOCO)
 WELL NO. 114W FOOTAGE LOCATION 906' FNL & 660' FNL SECTION 2-21S-37E TOWNSHIP 2-21S-37E RANGE BY CONOCO

Schematic



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 240 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4"

SHORT Intermediate Casing
 Size 8 5/8 " Cemented with 1750 sx.
 TOC SURF feet determined by CIRC
 Hole size 11"

INTERMEDIATE Long String
 Size 5 1/2 " Cemented with 225 sx.
 TOC 4780 feet determined by TEMP SURV
 Hole size 7 7/8"

LONG STRING
 SIZE 3 1/2" LINER CEMENTED WITH 100
 TOC TDL @ 5648' DETERMINED BY CIRC
 HOLE SIZE 4 3/4"
 TOTAL DEPTH 6898'
 INJECTION INTERVAL
±5750 FEET TO ±6850 FEET (PERF'D)

Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a 3 1/2" BAKER LOK-SET (OR EQUIVALENT) packer at ±5700 feet.
(material)
(brand and model)

(or describe any other casing-tubing seal).

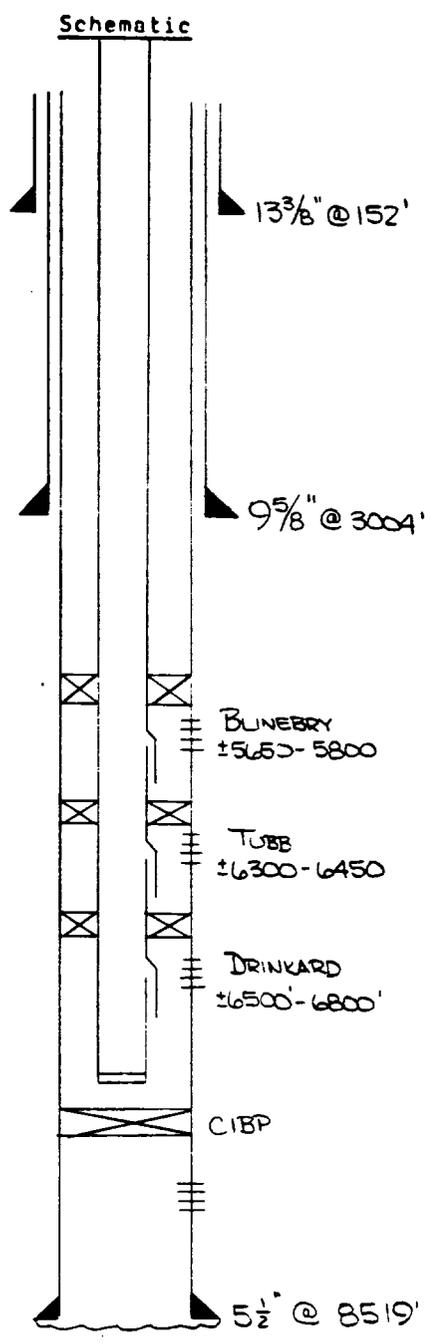
Other Data

- Name of the injection formation BUNEBRY / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BUNEBRY PRODUCER
- Has the well ever been perforated in any other zone? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones in this area.

VZ

INJECTION WELL DATA SHEET

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY MERIDIANS)
 WELL NO. 115W FOOTAGE LOCATION 1896' FNL & 660' FWL SECTION 2-21S-37E TOWNSHIP 2-21S-37E RANGE STATE SEC 2#2



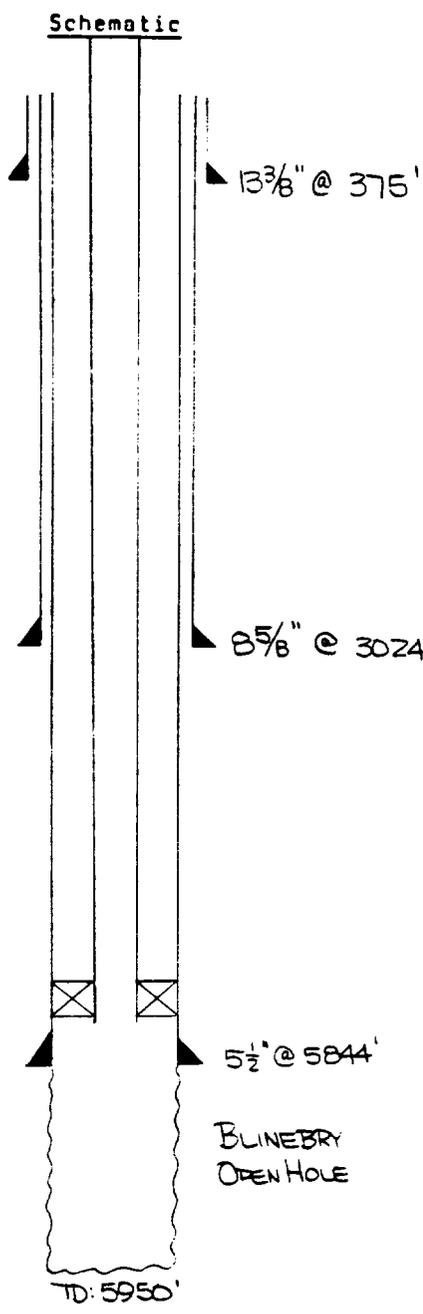
Tabular Data

<u>Surface Casing</u>	
Size <u>13 3/8</u> "	Cemented with <u>165</u> sx.
TOC <u>SURF</u>	feet determined by <u>CIRC</u>
Hole size <u>17 1/4</u> "	
<u>Intermediate Casing</u>	
Size <u>9 5/8</u> "	Cemented with <u>1600</u> sx.
TOC <u>SURF</u>	feet determined by <u>CIRC</u>
Hole size <u>12 1/4</u> "	
<u>Long string</u>	
Size <u>5 1/2</u> "	Cemented with <u>550</u> sx.
TOC <u>4250</u>	feet determined by <u>TEMP SURV</u>
Hole size <u>7 7/8</u> "	
Total depth <u>8519'</u>	
<u>Injection interval</u>	
<u>±5650</u> feet to <u>±6800</u> feet (PERF'D)	
(perforated or open-hole, indicate which)	

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6475' feet, (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6250' AND ±5600'

- Other Data
- Name of the injection formation BLINBERRY / TUBB / DRINKARD
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
 - Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used: WICHITA: 7042-7513 'ISOLATED' w/ CIBP @ 6902' IN FEB 1952
 - Give the depth to and name of any overlying and/or underlying oil or gas zone within this area.

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON'S HARRY LEONARD #10)
 WELL NO. 121W FOOTAGE LOCATION 2220' FNL & 2307' FEL SECTION _____ TOWNSHIP 2 - 21S - 37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 425 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4 "

Intermediate Casing
 Size 8 5/8 " Cemented with 2950 sx.
 TOC 317 feet determined by TEMP SURV
 Hole size 11 "

Long string
 Size 5 1/2 " Cemented with 1120 sx.
 TOC 3100 feet determined by TEMP SURV
 Hole size 7 7/8 "
 Total depth 5950' (CSG TO 5844)

Injection interval
5844 feet to 5950 feet (OPEN HOLE)
 (perforated or open-hole, indicate which)

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a
BAKER LOK-SET (OR EQUIVALENT) packer at ± 5800 feet.
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLINEBRY
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBRY PRODUCER
- Has the well ever been perforated in any other intervals? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones for 10' in this area.

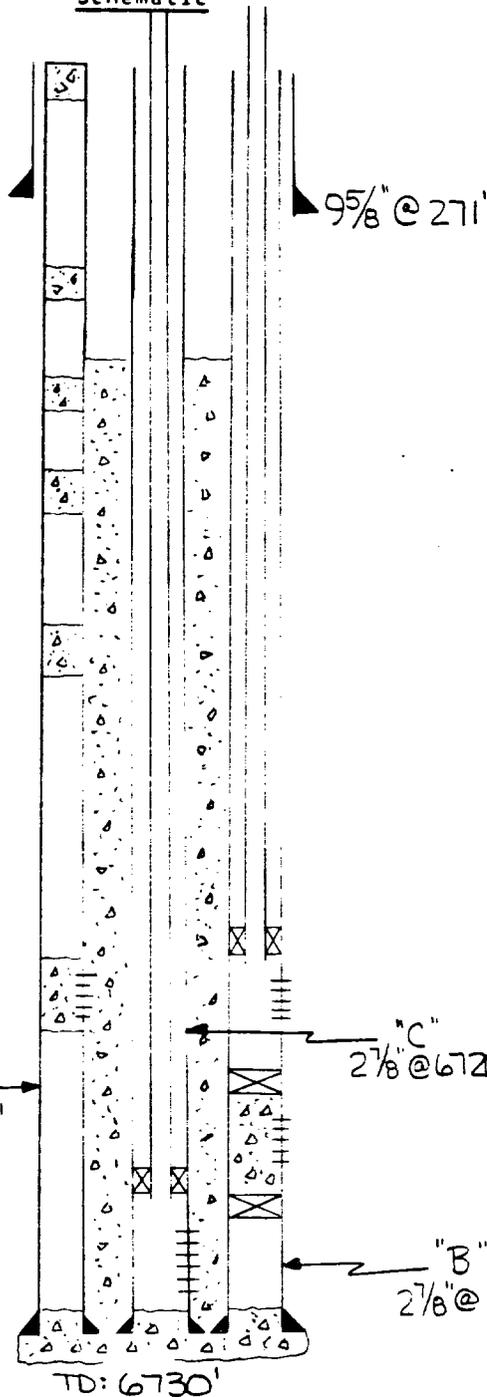
VJD

INJECTION WELL DATA SHEET

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI'S)
 WELL NO. 205W FOOTAGE LOCATION 660' FWL & 3300' FSL SECTION 3-21S-37E TOWNSHIP LIVINGSTON # 11 RANGE 3-21S-37E

Schematic

Tabular Data



Surface Casing
 Size 9 5/8 " Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size 12 1/4"

LONG STRING "A"
 Size 2 7/8 " Cemented with 635 sx.
 TOC 2400 feet determined by TEMP SVY

Long string "B"
 Size 2 7/8 " Cemented with 635 sx.
 TOC 2400 feet determined by TEMP SVY

LONG STRING "C"
 Size 2 7/8 " CEMENTED WITH 635
 TOC 2400 FEET DETERMINED BY TEMP SVY
 Hole Size 8 3/4"
 TOTAL DEPTH 6730' ("A" & "B" to 6724', "C" to 6726')

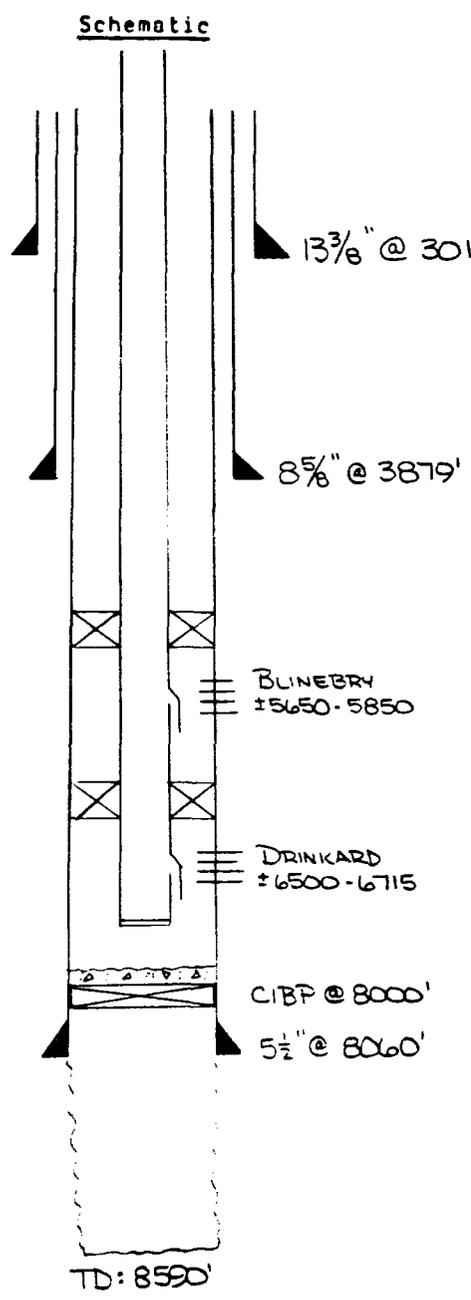
INJECTION INTERVAL
 ±5650' - 5850' IN "B" STRING
 ±6450' - 6650' IN "C" STRING
 "A" STRING IS P&A'D

Tubing size 1 1/2 IN "B" & "C" lined with PLASTICOATING (SC-750 OR EQUIVALENT) set in a
2 7/8 BAKER R-3 (OR EQUIVALENT) packer at ±5600' IN "B" ~~AND~~
 (brand and model) AND ±6400' IN "C"
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLINEBERRY IN "B", DRINKARD IN "C"
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBERRY/TURB/DRINKARD TRIPLE TUBINGLESS PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI'S TAYLOR GLENN #1)
 WELL NO. 206W FOOTAGE LOCATION 3226' FNL & 1980' FWL SECTION _____ TOWNSHIP 3-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8 " Cemented with 4800 sx.
 TOC SURF feet determined by CIRC
 Hole size 11"

Long string
 Size 5 1/2 " Cemented with 675 sx.
 TOC 2915' feet determined by TEMP SVY
 Hole size 7 7/8"
 Total depth 8590' (CSG TO 8060')

Injection interval
±5650' feet to ±6715 feet (PERF'D)
 (perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATORS IN SIDEPCKET MANDRELS OPPOSITE BOTH ZONES.

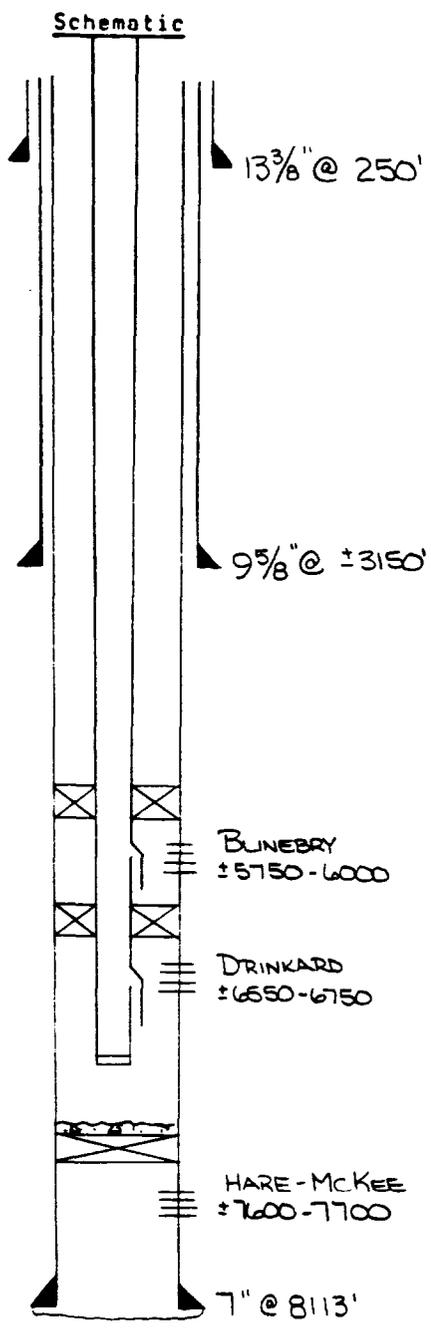
Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKED LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet, (or describe any other casing-tubing seal). AND TENSION SET PKR @ ±5600'

Other Data

- Name of the injection formation BLINBERRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINBERRY/DRINKARD OIL PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plunging detail (sacks of cement or bridge plug(s) used) -NO-
- Give the depth to and name of any underlying and/or underlying oil or gas zones (pools) in this area.

VZ/10/1

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CIGNOCO ET. AL.)
 WELL NO. 209W FOOTAGE LOCATION 3150'FSL & 1650'FEL SECTION W.C. HAWK B-3 #2 TOWNSHIP 3-21S-37E RANGE



Tabular Data

Surface Casing
 Size 13³/₈ " Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size 17¹/₂ "

Intermediate Casing
 Size 9⁵/₈ " Cemented with 1370 sx.
 TOC 1450 feet determined by TEMP SVY
 Hole size 12¹/₂ "

Long string
 Size 7 " Cemented with 940 sx.
 TOC 2950' feet determined by TEMP SVY
 Hole size 8³/₄ "
 Total depth 8114

Injection interval
±5750 feet to ±6750 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE BOTH INTERVALS

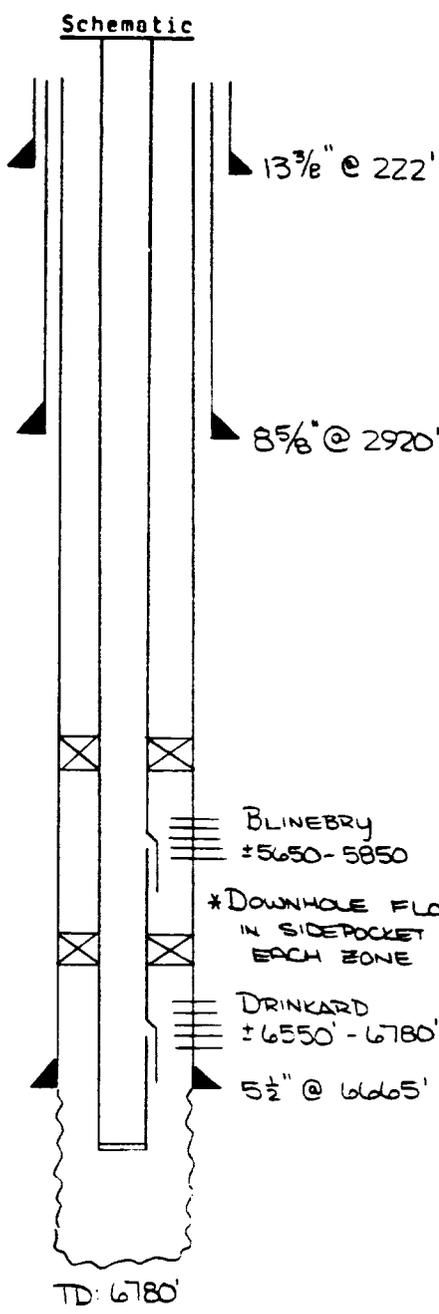
Tubing size 2³/₈ " lined with FIBERGLASS EPOXY (material) set in a
BAKER LOK-SET (OR EQUIVALENT) packer at ±6500 feet,
 (brand and model) w/ A TENSION PKR. AT ± 5700'.
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BUNEBRY DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? HARE-McKEE PRODUCER
4. Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used):
HARE-McKEE (±7600-7700) CIBP w/ 20' CMT CAP @ ±7500' TO
BE SET UPON UNITIZATION.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (include) in this area.

VJ 7/77

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY 'SWEPI's TAYLOR GLENN #2)
 WELL NO. 211W FOOTAGE LOCATION 4620' FSL & 660' FEL SECTION _____ TOWNSHIP 3-215-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 300 sx.
 TOC SURF. feet determined by CIRC.
 Hole size 17 1/4 "

Intermediate Casing
 Size 8 5/8 " Cemented with 2200 sx.
 TOC SURF feet determined by CIRC.
 Hole size 11 "

Long string
 Size 5 1/2 " Cemented with 600 sx.
 TOC 3200 feet determined by FREE POINT
 Hole size 7 7/8 "

Total depth 6780' (CSG TO 6665')

Injection interval
±5650 feet to 6780 feet
 (perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR
 IN SIDEPOCKET MANDREL OPPOSITE
 EACH ZONE

PERF'D ±5650-6665
 OPEN HOLE 6665-6780

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a
BAKERLOK-SET (OR EQUIVALENT) packer at ±6500' feet,
 (brand and model). AND TENSION SET PKR AT ±5600'.
 (or describe any other casing-tubing seal).

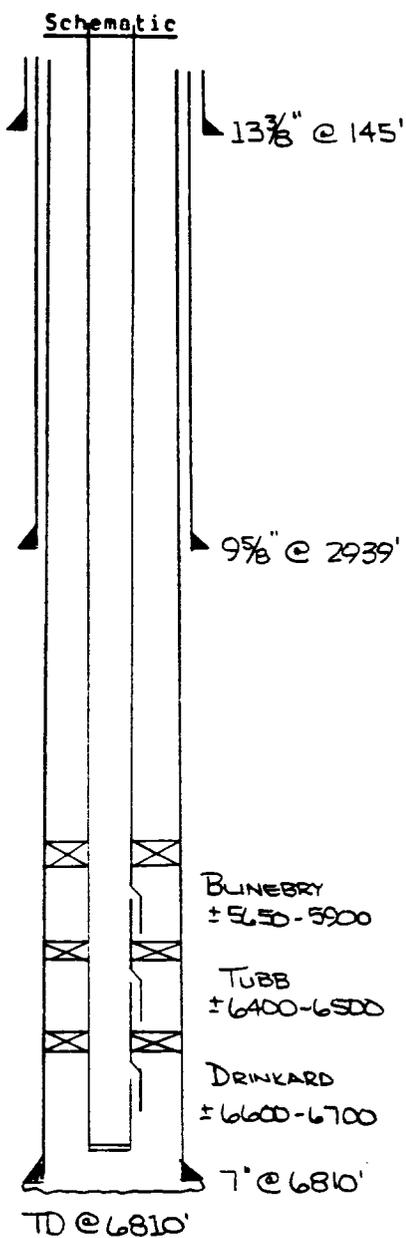
Other Data

- Name of the injection formation BLINEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled?
TUBB/DRINKARD OIL PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)
TUBB (6147'-6436') WILL BE SQZ'D W/ ±400 sx
- Give the depth to and name of any overlying and/or underlying oil or gas zones (specify true area).

VJ

INJECTION WELL DATA SHEET

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY MERIDIAN'S)
 WELL NO. 214W FOOTAGE LOCATION 3300' FSL & 660' FWL SECTION 2 TOWNSHIP 21S STATE SECTION 2 #1 RANGE 37E



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 165 sx.
 TOC SURF feet determined by CIRC
 Hole size 1 7/4

Intermediate Casing

Size 9 5/8 " Cemented with 1600 sx.
 TOC 115' feet determined by TEMP Svy
 Hole size 12 1/4

Long string

Size 7 " Cemented with 600 sx.
 TOC 1970 feet determined by TEMP Svy
 Hole size 8 3/4
 Total depth 6810'

Injection interval

±5650 feet to ±6700 feet (PERF'D)
 (perforated or open-hole, indicate which)

BLINERY
 ±5650-5900
 TUBB
 ±6400-6500
 DRINKARD
 ±6600-6700
 TD @ 6810'

* DOWNHOLE FLOW REGULATOR IN
 SIDEPACKET MANDREL OPPOSITE
 EACH ZONE.

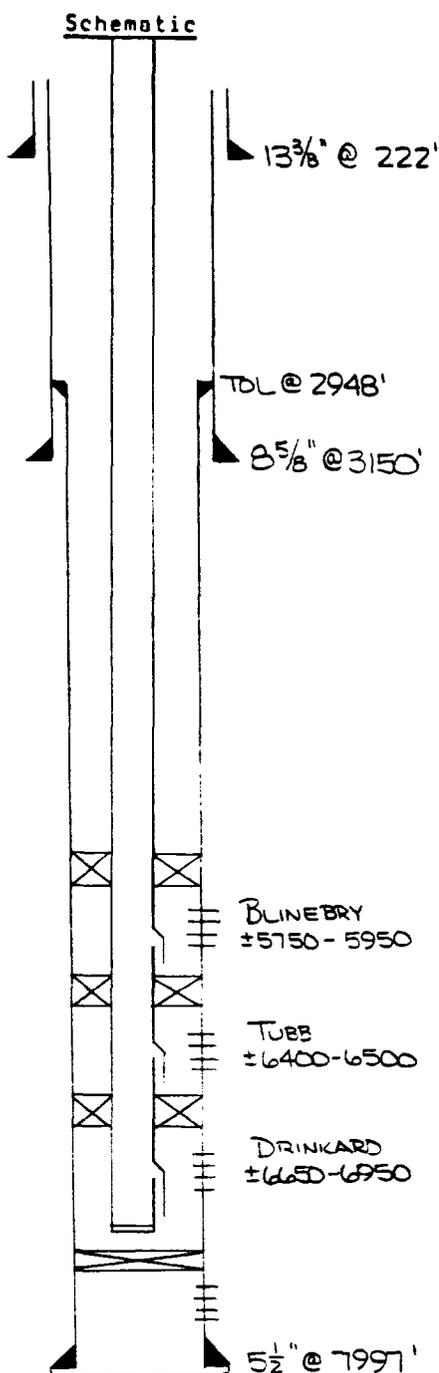
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a
BAKER-LOX-SET (OR EQUIVALENT) packer at ±6550' feet,
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6350' & ±5600'

Other Data

- Name of the injection formation BLINERY/TUBB/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD OIL PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) - NO -
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VPI n/b

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI'S STATE SECTION 2 #16)
 WELL NO. 218W FOOTAGE LOCATION 3546' FNL & 1700' FWL SECTION _____ TOWNSHIP 2-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8" Cemented with 250 sx.
 TOC SURF feet determined by CIRC.
 Hole size 17 1/2"

Intermediate Casing
 Size 8 5/8" Cemented with 1800 sx.
 TOC SURF feet determined by CIRC.
 Hole size 11"

Long string
 Size 5 1/2" LINER Cemented with 895 sx.
 TOC TOL @ 2948' feet determined by CIRC.
 Hole size 7 7/8"
 Total depth 8000' (LINER TO 7997')

Injection interval
±5750 feet to ±6950 feet (PERF'D)
 (perforated or open-hole, indicate which)

*FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

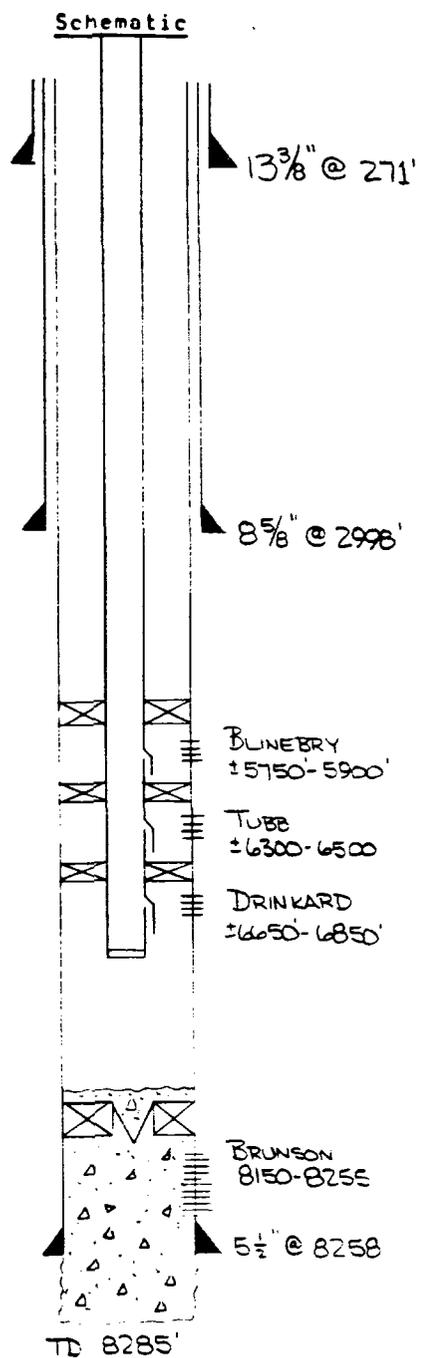
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOX-SET (OR EQUIVALENT) packer at ±6600 feet,
 (brand and model) w/ TENSION PKRS AT ±6350' AND ±5700'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLINERY / TUBE / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled?
BLINERY / DRINKARD OIL PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used)
MCKEE (7668'-7976)' ISOLATED BY CMT CAPPED CIBP @ 7510'
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VFB

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON'S HARRY LEONARD #6)
 WELL NO. 221W FOOTAGE LOCATION 2983' FSL & 2317 FEL SECTION _____ TOWNSHIP 2-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 300 sx.
 TOC SURF feet determined by CIRC.
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8 " Cemented with 3400 sx.
 TOC 1430' feet determined by TEMP SVY
 Hole size 11"

Long string
 Size 5 1/2 " Cemented with 675 sx.
 TOC 4085 feet determined by TEMP SVY
 Hole size 7 7/8"
 Total depth 8285' (CSG TO 8258')

Injection interval
±5750 feet to ±6850 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

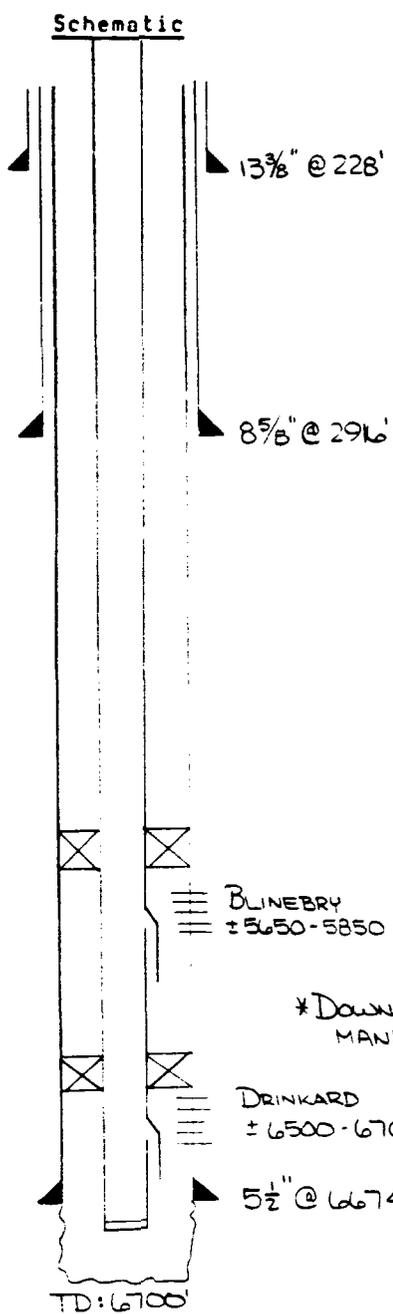
Tubing size 2 3/8 lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6600 feet,
 (brand and model)
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6250' AND ±5700'.

Other Data

- Name of the injection formation BLINEBRY / TUBE / DRINKARD
- Name of field or pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BRUNSON PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) BRUNSON 8150'-8255', SET CMT RETAINER @ 8100' & SQZ'D w/ 70sx IN 11/2"
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

VPA 7/07

OPERATOR SWEPI	LEASE NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI'S) LIVINGSTON #1
WELL NO. 303W	FOOTAGE LOCATION 1980' FSL & 1980' FWL	TOWNSHIP RANGE 3-21S-37E



Tabular Data

Surface Casing
 Size 13³/₈" " Cemented with 300 sx.
 TOC SURF feet determined by CIRC
 Hole size 17¹/₄"

Intermediate Casing
 Size 8⁵/₈" " Cemented with 2000 sx.
 TOC SURF feet determined by CIRC
 Hole size 11"

Long string
 Size 5¹/₂" " Cemented with 600 sx.
 TOC 3601 feet determined by TEMP SVY
 Hole size 7⁷/₈"
 Total depth 6700' (CSG TO 6674')

Injection interval
±5650 feet to 6700 feet
 (perforated or open-hole, indicate which)
PERF'D 5650-6650
OPEN HOLE 6674-6700

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2³/₈" lined with FIBERGLASS EPOXY (material) set in a PACKER LOCK-SET (OR EQUIVALENT) packer at ±6450 feet, (or describe any other casing-tubing seal). AND TENSION SET PKR AT ±5600'

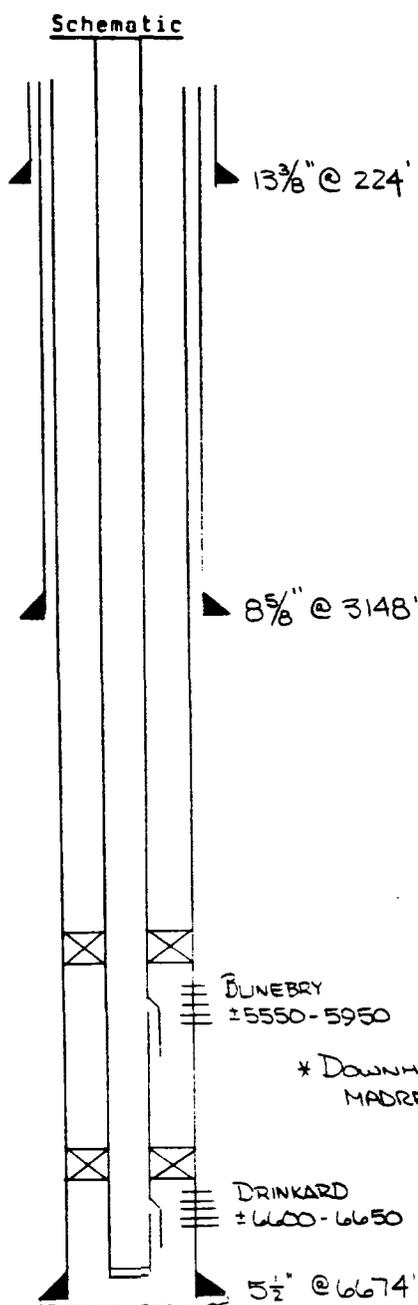
Other Data

1. Name of the injection formation BLINEBRY / DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD OIL PRODUCTION
4. Has the well ever been perforated in any other zone s.p. List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used NO
5. Give the depth to and name of any overlying and/or underlying oil or gas zone in this area.

VJA

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPT'S LIVINGSTON #2)

WELL NO. 307W FOOTAGE LOCATION 660' FSL & 1980' FEL SECTION _____ TOWNSHIP 3-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8" Cemented with 300 sx.
 TOC SURF feet determined by (CIRC)
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8" Cemented with 3700 sx.
 TOC SURF feet determined by (CIRC)
 Hole size 11"

Long string
 Size 5 1/2" Cemented with 600 sx.
 TOC 3600' feet determined by FREE POINT
 Hole size 7 7/8"
 Total depth 6674'

Injection interval
±5550 feet to ±6650 feet (PERF'D)
 (perforated or open-hole, indicate which)

BUNEBRY
 ±5550-5950

* DOWNHOLE FLOW REGULATOR IN SIDEROCKET
 MADREL OPPOSITE EACH ZONE.

DRINKARD
 ±6600-6650

5 1/2" @ 6674'

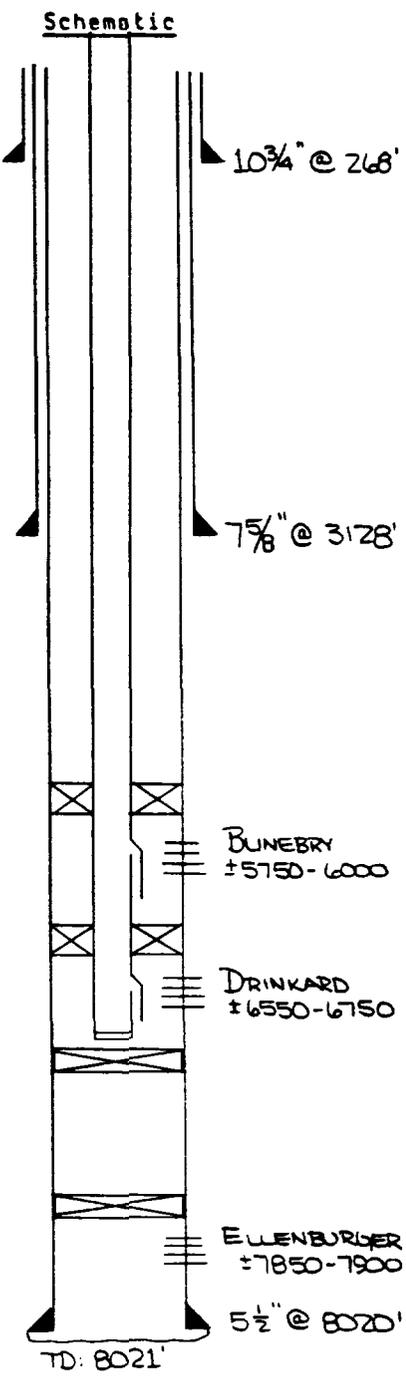
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
BAKER-LOK-SET (OR EQUIVALENT) packer at ±6550 feet,
 (brand and model) AND TENSION SET PKR @ ±5500'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BUNEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled?
BUNEBRY/TUBB/DRINKARD PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging details (sacks of cement or bridge plugs) used
YES -> SAN ANDRES (5102'-5170') SQZ'D w/ 75sx. PADDOCK (5303'-5425')
SQZ'D w/ 75sx. TUBB (6185'-6329') WILL BE SQZ'D w/ ± 250sx.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (vertical) in this area. _____

VPS

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET AL)
 WELL NO. 309W FOOTAGE LOCATION 1830' FSL & 660' FEL SECTION W.C. HAWK B-3 #7 TOWNSHIP 3-21S-37E RANGE



Tabular Data

Surface Casing
 Size 10 3/4 " Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size N/A

Intermediate Casing
 Size 7 5/8 " Cemented with 1145 sx.
 TOC 1200 feet determined by TEMP SNY
 Hole size N/A

Long string
 Size 5 1/2 " Cemented with 550 sx.
 TOC 2550 feet determined by TEMP SNY
 Hole size N/A
 Total depth 8021'

Injection interval
±5750 feet to ±6750 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPCKET MANDREL OPPOSITE BOTH ZONES.

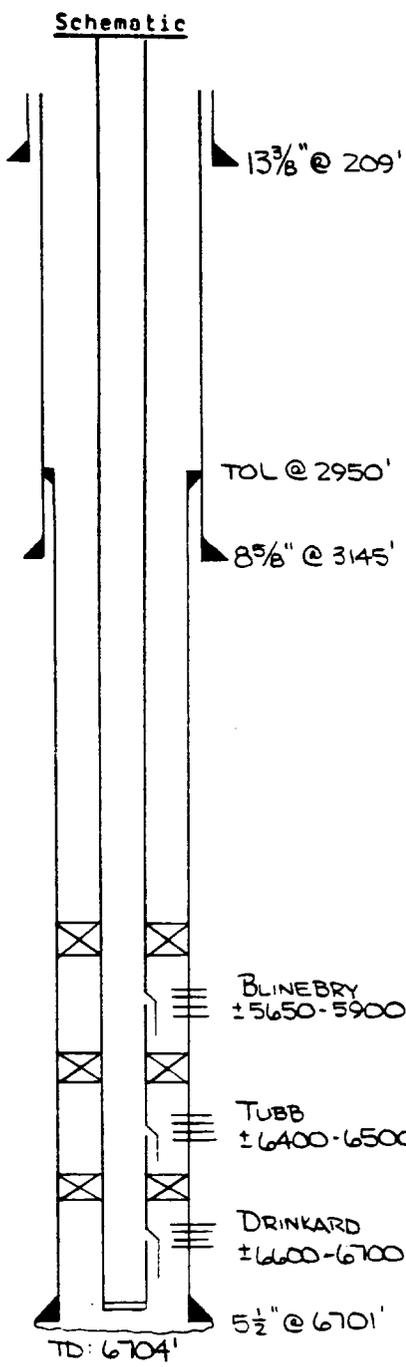
Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKERLOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500' feet, w/ A TENSION PKR AT ±5700' (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BUNEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? ELLENBURGER PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used): ELLENBURGER (±7850-7900) CIBP @ 7800' AND 6900'
- Give the depth to and name of any overlying and/or underlying oil or gas zones in this area.

VZJ
7/67

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI'S)
 WELL NO. 315W FOOTAGE LOCATION 1980' ESL & 1880' FWL SECTION _____ TOWNSHIP 2-21S-37E RANGE STATE SECTION 2 #9



Tabular Data

Surface Casing	
Size <u>13³/₈"</u>	Cemented with <u>250</u> sx.
TOC <u>SURF</u>	feet determined by <u>(CIRC)</u>
Hole size <u>17¹/₄"</u>	
Intermediate Casing	
Size <u>8⁵/₈"</u>	Cemented with <u>2000</u> sx.
TOC <u>SURF</u>	feet determined by <u>(CIRC)</u>
Hole size <u>11"</u>	
Long string	
Size <u>5¹/₂" LINER</u>	Cemented with <u>700</u> sx.
TOC <u>2950' (TOL)</u>	feet determined by <u>CIRC</u>
Hole size <u>7⁷/₈"</u>	
Total depth <u>6704' (LINER TO 6701')</u>	
Injection interval	
<u>±5650</u>	feet to <u>±6700</u> feet (P)
(perforated or open-hole, indicate which)	

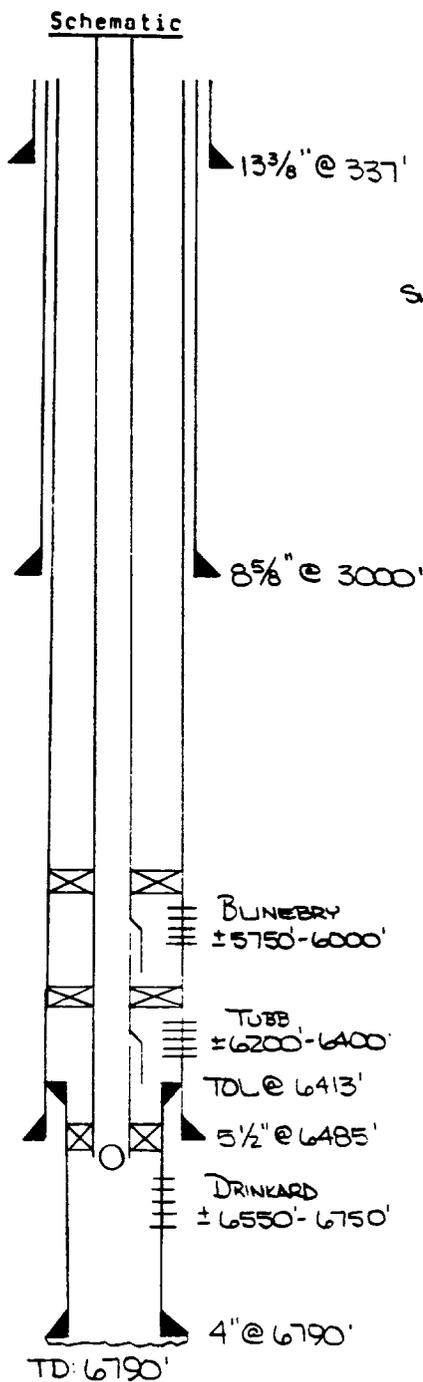
* DOWNHOLE FLOW REGULATOR IN SIDEROCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2³/₈" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6550 feet, (or describe any other casing-tubing seal). WITH TENSION PKRS AT ±6350' AND ±5600'

- Other Data**
- Name of the injection formation BLINEBRY/TUBB/DRINKARD
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD OIL PRODUCER
 - Has the well ever been perforated in any other zones? (list all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used) - NO -
 - Give the depth to and name of any existing and/or unexisting oil or gas pools in this area.

VZJ 11-16-

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET. AL.)
 WELL NO. 403W FOOTAGE LOCATION 460' FNL & 1980' FWL SECTION 10 - 21S - 37E RANGE W.C. HAWK B-10 # 10



Tabular Data

Surface Casing
 Size 13³/₈ " Cemented with 300 sx.
 TOC SURF feet determined by CIRC
 Hole size N/A

SHORT Intermediate Casing
 Size 8⁵/₈ " Cemented with 300 sx.
 TOC 1900 feet determined by TEMP SVY
 Hole size N/A

INTERMEDIATE Long String
 Size 5¹/₂ " Cemented with 375 sx.
 TOC 3150 feet determined by TEMP SVY
 Hole size N/A

LONG STRING
 SIZE 4" FLUSH LINER CEMENTED WITH 35 SX
 TOC TOL @ 6413' DETERMINED BY CIRC.
 HOLE SIZE 4³/₄"
 TOTAL DEPTH 6790'

INJECTION INTERVAL

±5750 FEET TO ±6750 FEET

* DOWNHOLE FLOW REGULATORS IN SIDEPCKET MANDRELS OPPOSITE BLINEBRY & TUBB, AND AT END OF TUBING ABOVE DRINKARD.

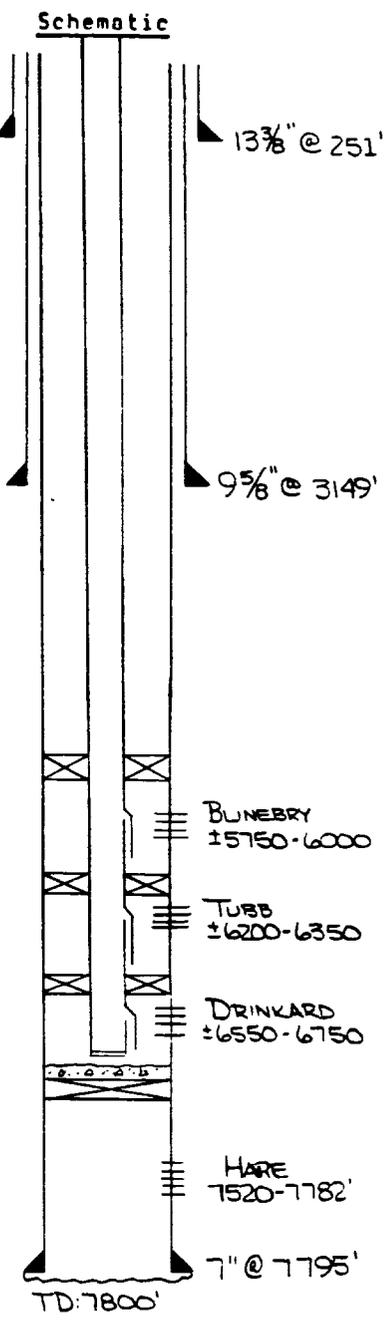
Tubing size 2³/₈" lined with FIBERGLASS EPOXY set in a 4" BAKERLOK-SET (OR EQUIVALENT) packer at ±6525 feet,
 (brand and model) (material) w/ 5¹/₂" TENSION PKRS AT ±6150 & ±5700'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLINEBRY / TUBB / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBRY OIL PRODUCER (LATER DEEPEINED TO DRINKARD)
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used):
— NO —
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pool) in this area.

VJ 7/87

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET. AL. W.C. HAWK B-10 # 8)
 WELL NO. 407W FOOTAGE LOCATION 1980' FNL & 2310' FEL SECTION _____ TOWNSHIP 10-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 "

Intermediate Casing
 Size 9 5/8 " Cemented with 1156 sx.
 TOC 950' feet determined by TEMP SVY
 Hole size 12 1/4 "

Long string
 Size 7 " Cemented with 1308 sx.
 TOC SURF feet determined by CIRC
 Hole size 8 3/4 "

Total depth 7800'

Injection interval
±5750 feet to ±6750 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

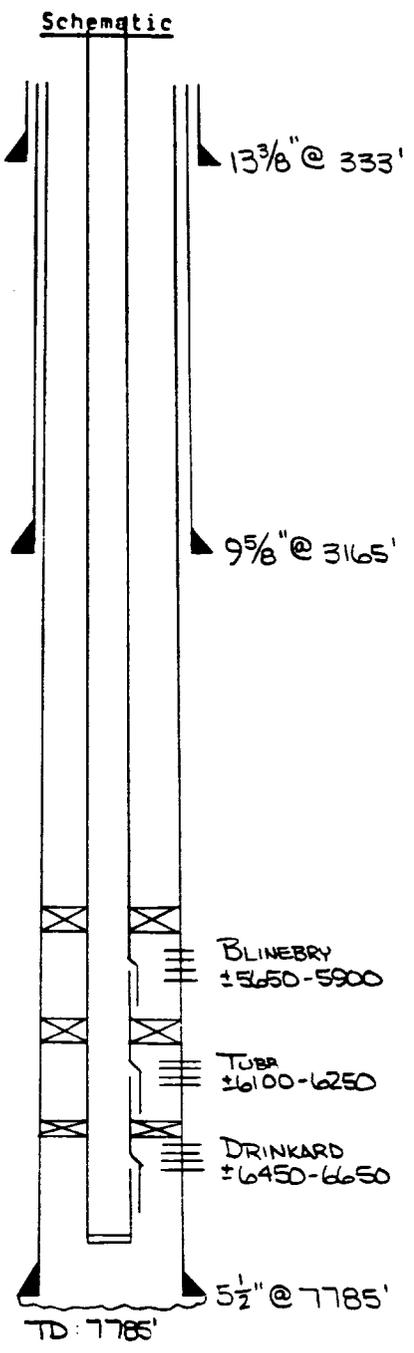
Tubing size 2 3/8 lined with FIBERGLASS EPOXY set in a BAKER/OK-SET (OR EQUIVALENT) packer at ±6500 feet,
 (brand and model) w/ TENSION PKRS AT ±5700' & ±6150'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLNEBRY / TUBB / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 if no, for what purpose was the well originally drilled? HARE PRODUCER
- Has the well ever been perforated in any other zone? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used):
HARE (7520'-7782') CIBP SET AT 6800' IN 11/64, CAPPED w/ 10SX CMT.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VPT 7/07

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY EXXON'S NM V STATE #11)
 WELL NO. 503W FOOTAGE LOCATION 2080' FSL & 2080' FWL SECTION _____ TOWNSHIP 10-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13³/₈ " Cemented with 375 sx.
 TOC SURF feet determined by CIRC
 Hole size 17¹/₂"

Intermediate Casing
 Size 9⁵/₈ " Cemented with 1400 sx.
 TOC SURF feet determined by CIRC
 Hole size 12¹/₄"

Long string
 Size 5¹/₂ " Cemented with 400 sx.
 TOC 2500 feet determined by N/A
 Hole size 6³/₄"
 Total depth 7785'

Injection interval
±5650' feet to ±6650' feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

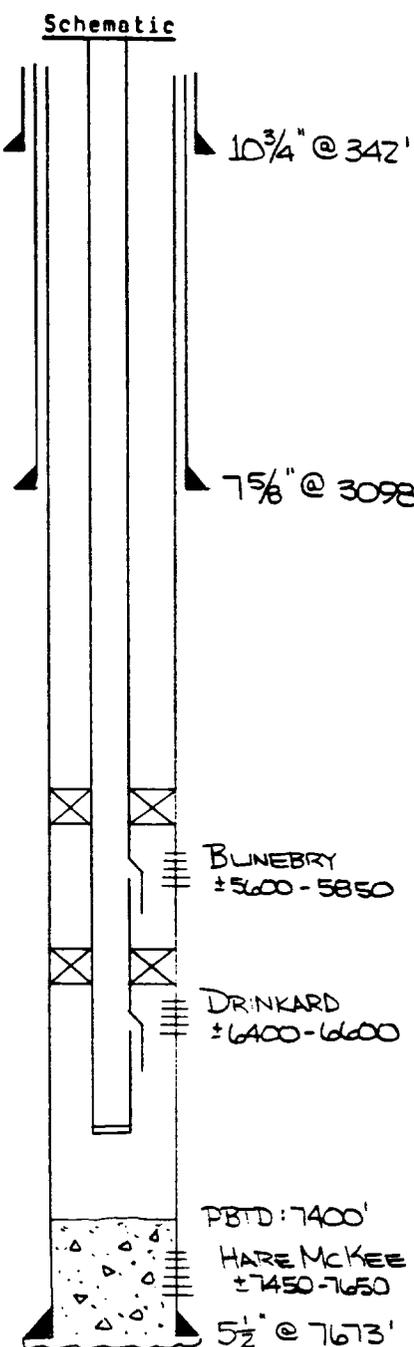
Tubing size 2³/₈" lined with FIBERGLASS EPOXY set in a BAKERLOK-SET (OR EQUIVALENT) packer at ±6400 feet
 (brand and model) (material)
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6050' AND ±5600'

Other Data

- Name of the injection formation BLINERRY/TUBE/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINERRY/TUBE PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used):
-NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones located in this area.

VJ 7/87

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY EXXON'S NM V STATE #3)
 WELL NO. 506W FOOTAGE LOCATION 660' FSL ± 1980' FEL SECTION 10-21S-37E TOWNSHIP 10-21S-37E RANGE 10-21S-37E



Tabular Data

Surface Casing	
Size	<u>10³/₄</u> " Cemented with <u>300</u> sx.
TOC	<u>SURF</u> feet determined by <u>CIRC</u>
Hole size	<u>15"</u>
Intermediate Casing	
Size	<u>7⁵/₈</u> " Cemented with <u>1600</u> sx.
TOC	<u>SURF</u> feet determined by <u>CIRC</u>
Hole size	<u>9⁷/₈"</u>
Long string	
Size	<u>5¹/₂</u> " Cemented with <u>485</u> sx.
TOC	<u>2945</u> feet determined by <u>TEMP SURV</u>
Hole size	<u>6³/₄"</u>
Total depth	<u>7673'</u>
Injection interval	
<u>±5600</u> feet to <u>±6600</u> feet (PERF'D) (perforated or open-hole, indicate which)	

* DOWNHOLE FLOW REGULATOR IN SIDEROCKET MANDREL OPPOSITE EACH INTERVAL.

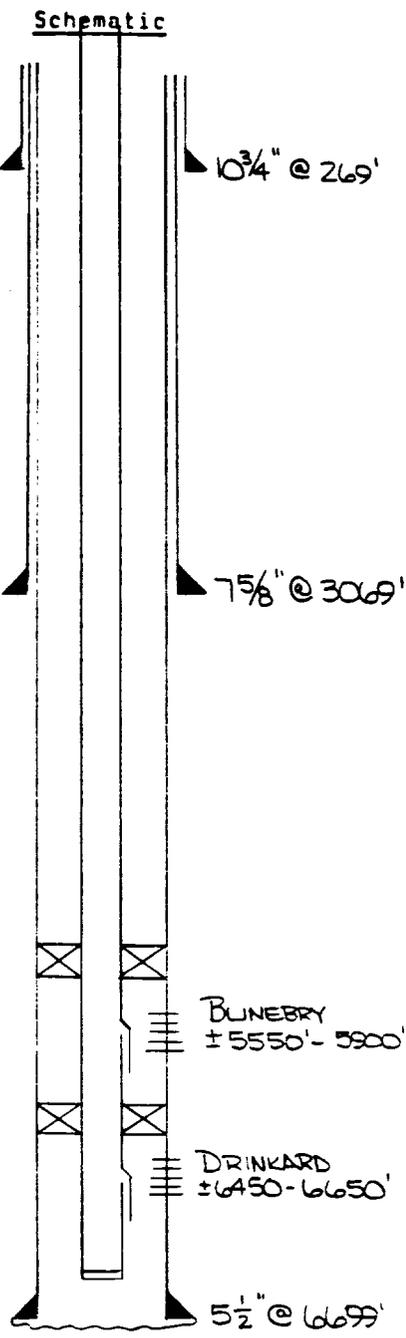
Tubing size 2³/₈" lined with FIBERGLASS EPOXY set in a BAKER LOK-SET (OR EQUIVALENT) packer at ±6350 feet, (brand and model) WITH A TENSION PDK AT ±5550'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLINEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? HARE MCKEE PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used HARE MCKEE (7450-7650) SQZ'D w/ 500sx IN 1963 - PBTD = 7400'
- Give the depth to and name of any overlying and/or underlying oil or gas zones (as known) in this area.

VJ 7/2

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET. AL.)
 WELL NO. 511W FOOTAGE LOCATION 660' FWL & 660' FSL SECTION _____ TOWNSHIP 11-21S-37E RANGE J.H. NOLAN #1



Tabular Data

Surface Casing

Size 10 3/4 " Cemented with 225 sx.
 TOC SURF feet determined by CIRC
 Hole size 13 3/4 "

Intermediate Casing

Size 7 5/8 " Cemented with 1880 sx.
 TOC SURF feet determined by CIRC
 Hole size 9 7/8 "

Long string

Size 5 1/2 " Cemented with 358 sx.
 TOC 3225' feet determined by TEMP SVY
 Hole size 6 3/4 "
 Total depth 6699'

Injection interval

±5550 feet to ±6650 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKERLOK-SET (OR EQUIVALENT) packer at ±6400 feet,
 (brand and model)
 (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5500'

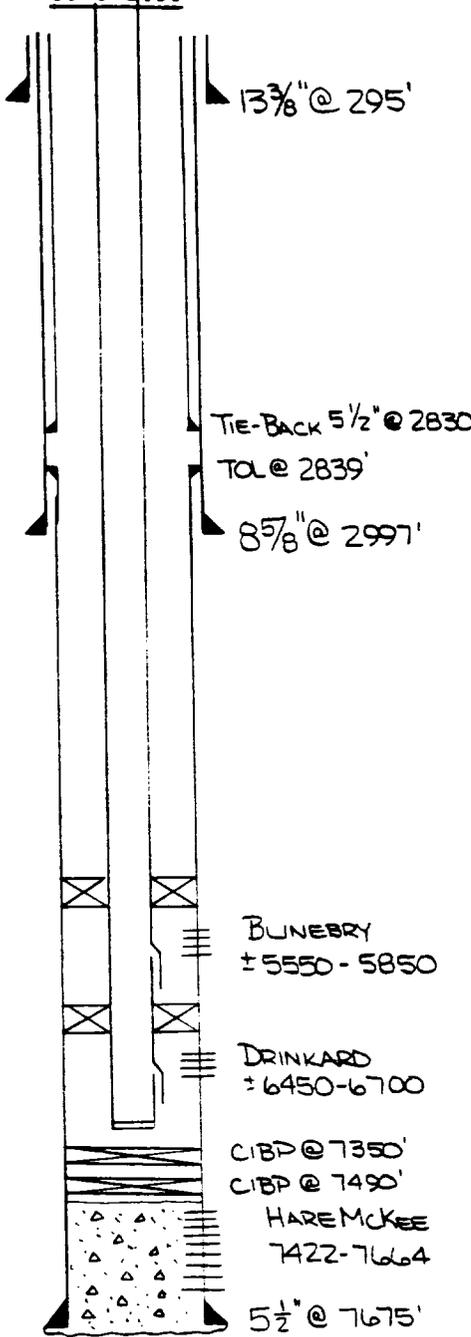
Other Data

- Name of the injection formation BUNEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
- Has the well ever been perforated in any other zone? List all such perforated intervals and give plugging details (sacks of cement or bridge plugs) used -NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (specify this area).

VJ 7/67

OPERATOR SNEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY TEXACO'S STATE S#6 - FROM BETTY)
 WELL NO. 605W FOOTAGE LOCATION 760' FNL & 1980' FWL SECTION _____ TOWNSHIP 15-21S-37E RANGE _____

Schematic



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 300 sx.
 TOC SURF feet determined by CIRC
 Hole size N/A

Intermediate Casing
 Size 8 5/8 " Cemented with 2000 sx.
 TOC SURF feet determined by CIRC
 Hole size N/A

Long string
 Size 5 1/2 LINER " Cemented with 350 sx.
 TOC 3840 feet determined by N/A

* 5 1/2" TIE BACK LINER - SURF TO 2830', CIRC'D w/ 550sx.
 Total depth 7675'

Injection interval
±5550 feet to ±6700 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN
 SIDEPCKET MANDREL OPPOSITE
 EACH INTERVAL.

BLINEBRY
 ±5550-5850

DRINKARD
 ±6450-6700

CIBP @ 7350'
 CIBP @ 7490'
 HARE MCKEE
 7422-7664

5 1/2" @ 7675'

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6400 feet,
 (brand and model) WITH A TENSION PKR AT ±5500'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BLINEBRY / DRINKARD
- Name of field or Pool (if applicable): DRINKARD
- Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled?
HARE MCKEE PRODUCER

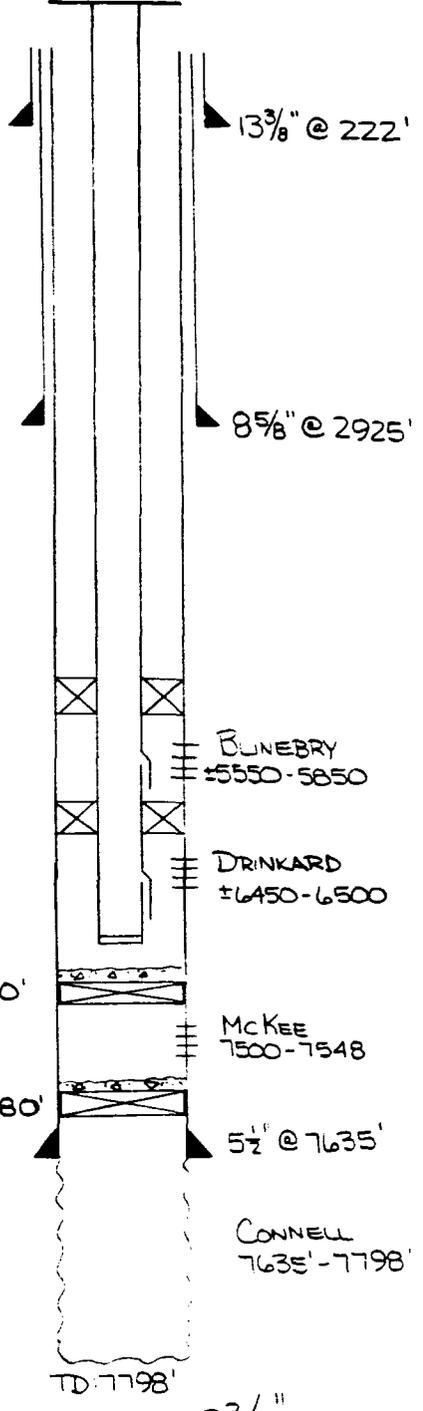
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used:
HARE MCKEE (7422-7664) SQZ'D w/ 19sx, CIBP'S SET @ 7490' AND 7350'

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VJR 7/27

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPT'S STATE SECTION 15 #3)
 WELL NO. 610W FOOTAGE LOCATION 2210' FNL & 2310' FEL SECTION _____ TOWNSHIP 15-21S-37E RANGE _____

Schematic



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 250 sx.
 TOC SURF feet determined by CIRC.
 Hole size 17 1/4 "

Intermediate Casing
 Size 8 5/8 " Cemented with 2000 sx.
 TOC SURF feet determined by CIRC.
 Hole size 11 "

Long string
 Size 5 1/2 " Cemented with 695 sx.
 TOC 5050' feet determined by CALC. w/ 50% LOSSES
 Hole size 7 7/8 "

Total depth 7798' (CSG TO 7635')

Injection interval
±5550 feet to ±6500 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDE POCKET MANDREL OPPOSITE BOTH ZONES.

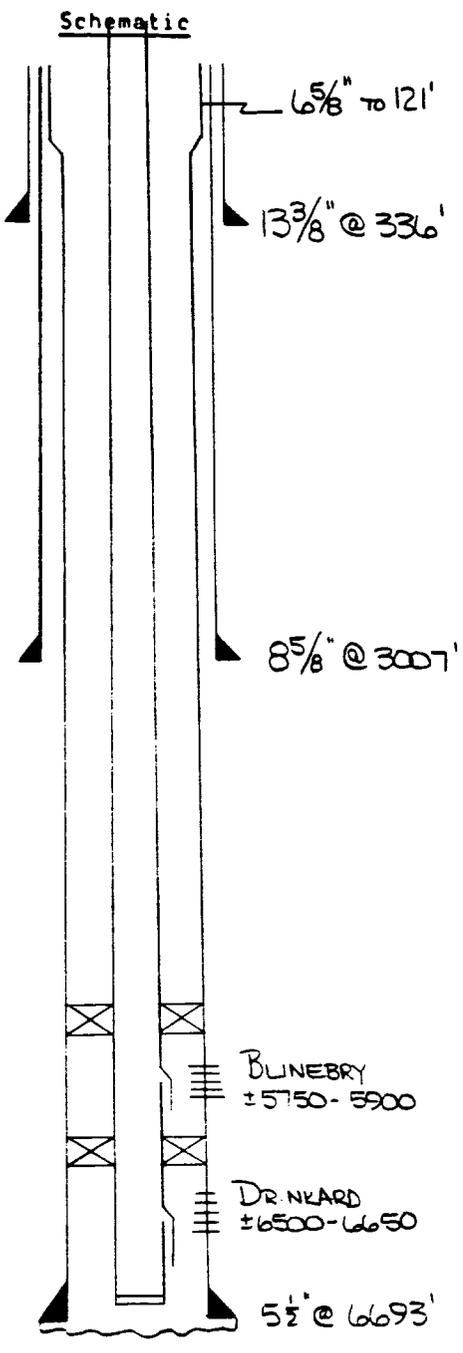
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a BAKERLOK-SET (OR EQUIVALENT) packer at ±6400 feet, (brand and model) w/ A TENSION PKR AT ±5500!
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BUNEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? CONNEL PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used.
CONNELL (7635-7798) ISOLATED w/ CIBP @ 7600'.
MCKEE (7500-7548) ISOLATED w/ CIBP @ 7400'.
- Give the depth to and name of any overlying and/or underlying oil or gas zone (if in this area).

VR/1/16

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY TEXACO'S STATE S# 8 - FROM GETTY)
 WELL NO. 612W FOOTAGE LOCATION 660' ENL & 660' FEL SECTION _____ TOWNSHIP 15-21S-37E RANGE _____



Tabular Data

<u>Surface Casing</u>	
Size <u>13 3/8</u> "	Cemented with <u>325</u> sx.
TOC <u>SURF</u>	feet determined by <u>CIRC.</u>
Hole size <u>17 1/2</u> "	
<u>Intermediate Casing</u>	
Size <u>8 5/8</u> "	Cemented with <u>935</u> sx.
TOC <u>100'</u>	feet determined by <u>TEMP SNY</u>
Hole size <u>12 1/4</u> "	
<u>Long string</u>	
Size <u>6 5/8 / 5 1/2</u> "	Cemented with <u>1180</u> sx.
TOC <u>SURF</u>	feet determined by <u>CIRC.</u>
Hole size <u>7 7/8</u> "	
Total depth <u>6693'</u>	
<u>Injection interval</u>	
<u>±5750</u> feet to <u>±6650</u> feet (PERF'D)	
(perforated or open-hole, indicate which)	

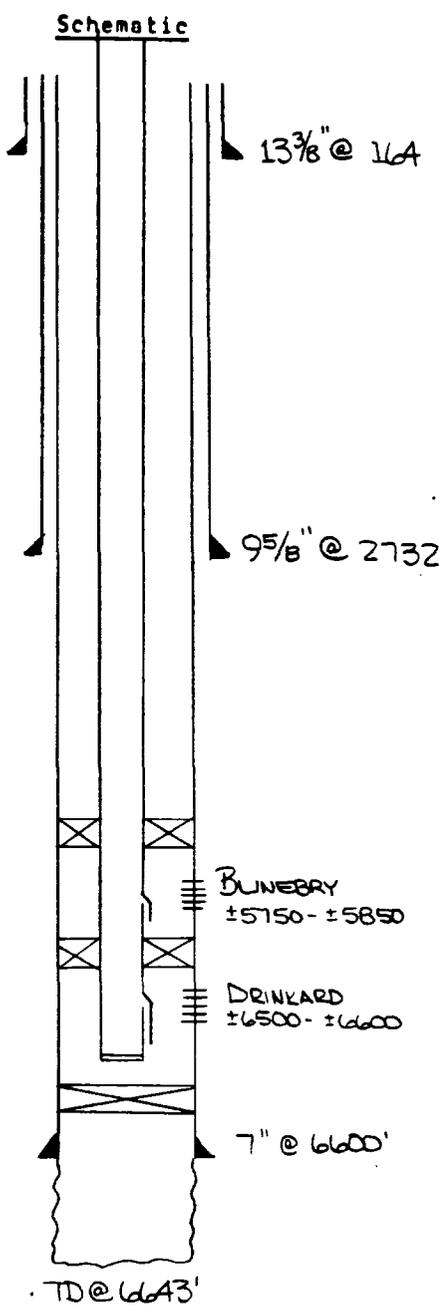
* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANIFOLD OPPOSITE EACH INTERVAL.

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a BAKER LOK-SET (OR EQUIVALENT) packer at ±6450 feet, (brand and model). WITH A TENSION PKR AT ±5700'

- Other Data**
- Name of the injection formation BLINEBRY / DRINKARD
 - Name of field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBRY / DRINKARD PRODUCER
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used): — NO —
 - Give the depth to and name of any overlying and/or underlying oil or gas zones (poor) in this area. _____

VJ 7/2

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI ETAL)
 WELL NO. 615W FOOTAGE LOCATION 1980' FNL & 660' FWL SECTION 14-21S-37E TOWNSHIP 14-21S-37E RANGE 14-21S-37E



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 500 sx.
 TOC SURFACE feet determined by CIRC.
 Hole size 17 1/2 "

Intermediate Casing
 Size 9 5/8 " Cemented with 600 sx.
 TOC 860' feet determined by CALC. w/ 25% LOSSES
 Hole size 12 1/4 "

Long string
 Size 7 " Cemented with 500 sx.
 TOC 3350' feet determined by CALC. w/ 25% LOSSES
 Hole size 8 3/4 "

Total depth 6643' (CSG TO 6600')

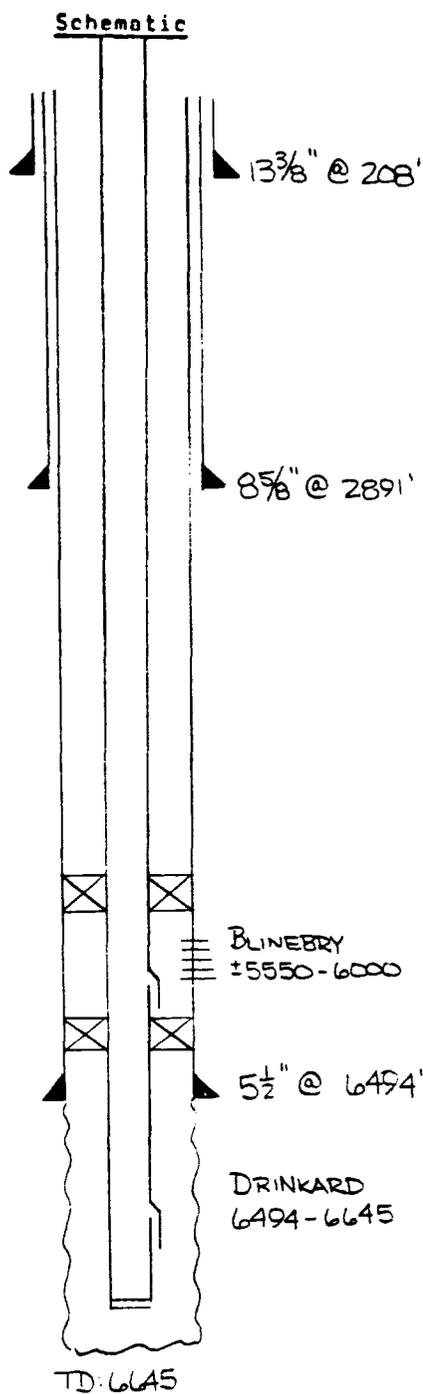
Injection interval
±5750 feet to ±6550 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN
 SIDEPCKET MAUNDRE OPPOSITE
 BOTH ZONES

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a
BAKERLOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet,
 (or describe any other casing-tubing seal). w/ TENSION PKR AT ± 5700'

- Other Data
- Name of the injection formation BLINEBRY/DRINKARD
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled?
BLINEBRY/TUBF/DRINKARD PRODUCER
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)
TUBE TO BE SQZ'D PRIOR TO INJECTION
 - Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPT's) ARGO # 3
 WELL NO. 703W FOOTAGE LOCATION 1980' FSL & 1980' FWL SECTION _____ TOWNSHIP 15-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8" Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8" Cemented with 1500 sx.
 TOC SURF feet determined by CIRC
 Hole size 11"

Long string
 Size 5 1/2" Cemented with 600 sx.
 TOC 3800' feet determined by FREE POINT
 Hole size 7 7/8"
 Total depth 6645' (CSG TO 6494')

Injection interval
±5550 feet to 6645 feet
 (perforated or open-hole, indicate which)
PERF'D ±5550'-±6000'
OPEN HOLE 6494'-6645'

* DOWNHOLE FLOW REGULATOR IN SIDE
 POCKET MANDREL OPPOSITE EACH ZONE.

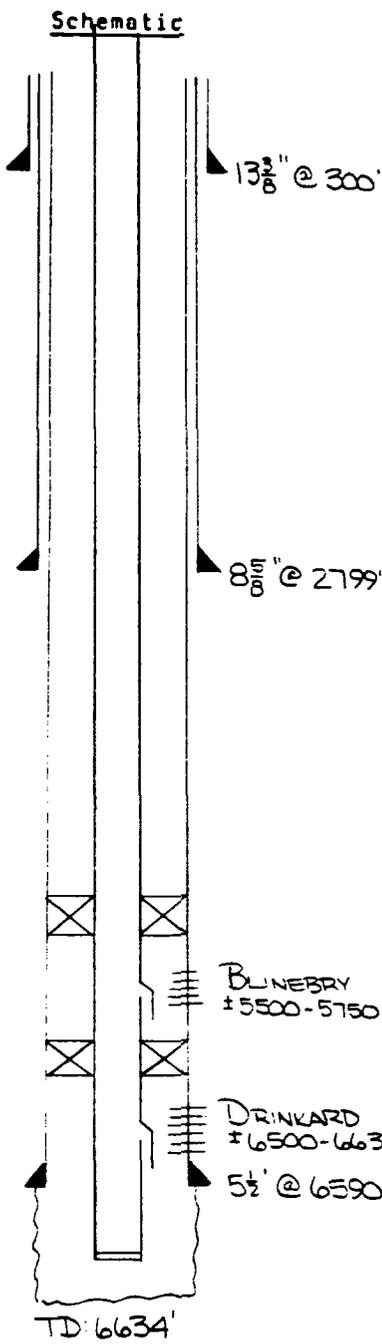
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6450' feet,
 (brand and model)
 (or describe any other casing-tubing seal). w/ A TENSION PKR AT ±5500'

Other Data

- Name of the injection formation BLINEBRY / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled?
BLINEBRY / DRINKARD OIL PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
-NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VJA
 6/87

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY MARATHON ET. AL)
 WELL NO. 708W FOOTAGE LOCATION 660' FSL & 1980' FEL SECTION 15-21S-37E TOWNSHIP L.G. WARUCK #2 RANGE



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 250 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 "

Intermediate Casing
 Size 8 5/8 " Cemented with 1200 sx.
 TOC SURF feet determined by CIRC
 Hole size 11 "

Long string
 Size 5 1/2 " Cemented with 750 sx.
 TOC ±3750 feet determined by CALC. USING 50% LOSSES
 Hole size 7 7/8 "
 Total depth 6634' (CSG TO 6590')

Injection interval
±5500 feet to 6634 feet
 (perforated or open-hole, indicate which)

PERF'D TO 6590',
 OPEN HOLE 6590' TO 6634'

* DOWNHOLE FLOW REGULATOR IN SIDEPCKET
 MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2 3/8 lined with FIBERGLASS EPOXY set in a
BAKER LOK-SET (OR EQUIVALENT) packer at ±6450 feet,
 (brand and model) WITH A TENSION PKR AT ±5450'
 (or describe any other casing-tubing seal).

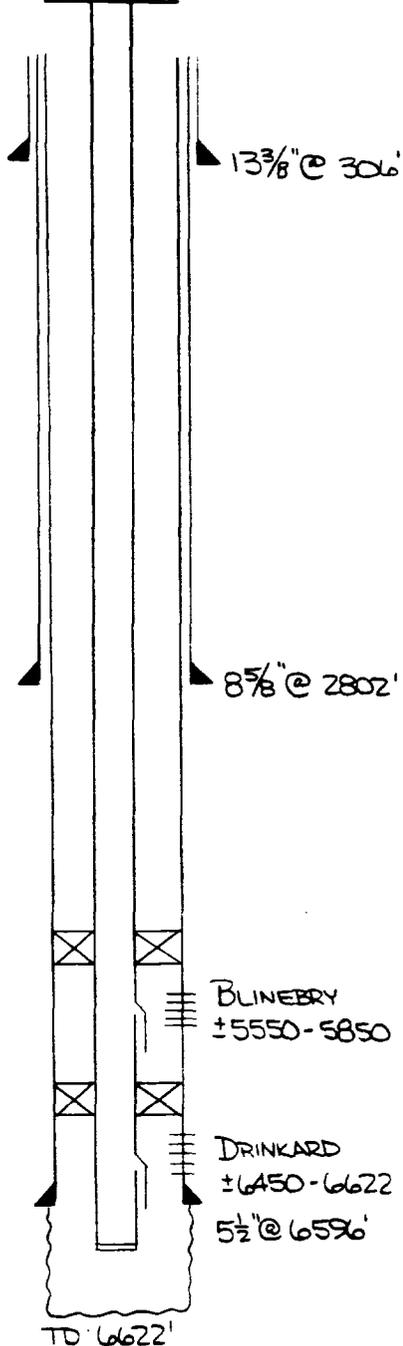
Other Data

- Name of the injection formation BLINEBRY / DRINKARD
- Name of field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V3/1/6

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY MARATHON ET. AL.)
 WELL NO. 709W FOOTAGE LOCATION 1980' FSL & 660' FEL SECTION 15 - 21S - 37E TOWNSHIP L.G. WARUCK # 4 RANGE

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 300 sx.
 TOC SURF feet determined by CIRC.
 Hole size N/A

Intermediate Casing

Size 8 5/8 " Cemented with 1500 sx.
 TOC SURF feet determined by CIRC
 Hole size N/A

Long string

Size 5 1/2 " Cemented with 750 sx.
 TOC 1250 feet determined by N/A
 Hole size N/A

Total depth 6622' (CSG TO 6596)

Injection interval

±5550 feet to ±6620 feet
 (perforated or open-hole, indicate which)

PERF'D TO 6596,
OPEN HOLE 6596-6622.

* DOWNHOLE FLOW REGULATOR IN SIDE-POCKET MANDREL OPPOSITE EACH INTERVAL

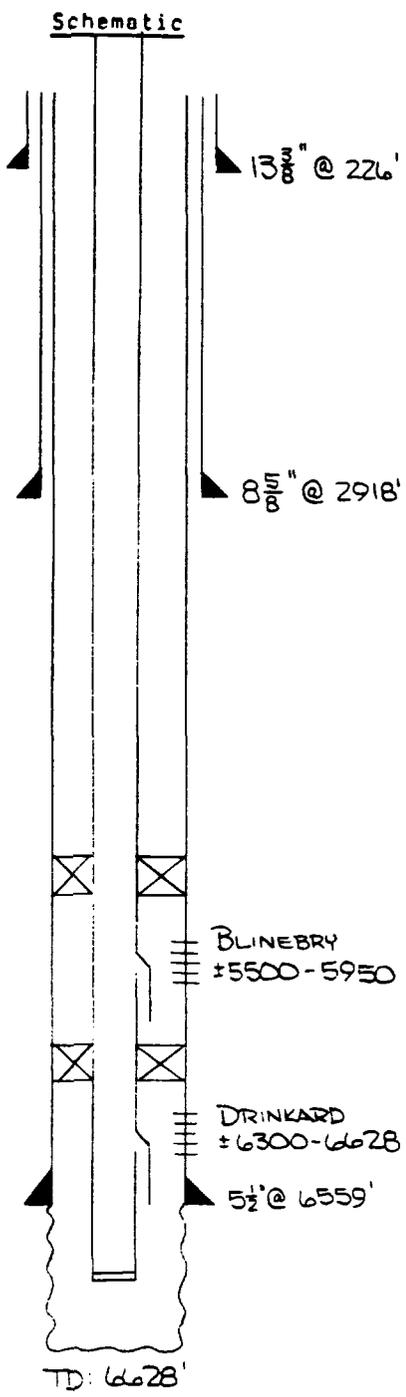
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKERLOK-SET (OR EQUIVALENT) packer at ±6400 feet,
 (brand and model)
 (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5500'

Other Data

- Name of the injection formation BLINBERRY / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (depth) in this area.

VJ 7/07

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPT'S ARGO 'A' #3)
 WELL NO. 803W FOOTAGE LOCATION 660' FNL & 1980' FWL SECTION _____ TOWNSHIP 22-21S-37E RANGE _____



Tabular Data

Surface Casing	
Size	<u>13 3/8"</u> Cemented with <u>200</u> sx.
TOC	<u>SURF</u> feet determined by <u>CIRC</u>
Hole size	<u>17 1/4"</u>
Intermediate Casing	
Size	<u>8 5/8"</u> Cemented with <u>1500</u> sx.
TOC	<u>SURF</u> feet determined by <u>CIRC</u>
Hole size	<u>11"</u>
Long string	
Size	<u>5 1/2"</u> Cemented with <u>700</u> sx.
TOC	<u>2800</u> feet determined by <u>FREE POINT</u>
Hole size	<u>7 7/8"</u>
Total depth	<u>6628'</u> (CSG TO 6559')
Injection interval	
<u>±5500</u> feet to <u>6628</u> feet (perforated or open-hole, indicate which)	
<u>PERF'D ±5500' - 6559</u>	
<u>OPEN HOLE 6559 - 6628</u>	

* DOWNHOLE FLOW REGULATOR IN SIDE POCKET MANDREL OPPOSITE BOTH ZONES.

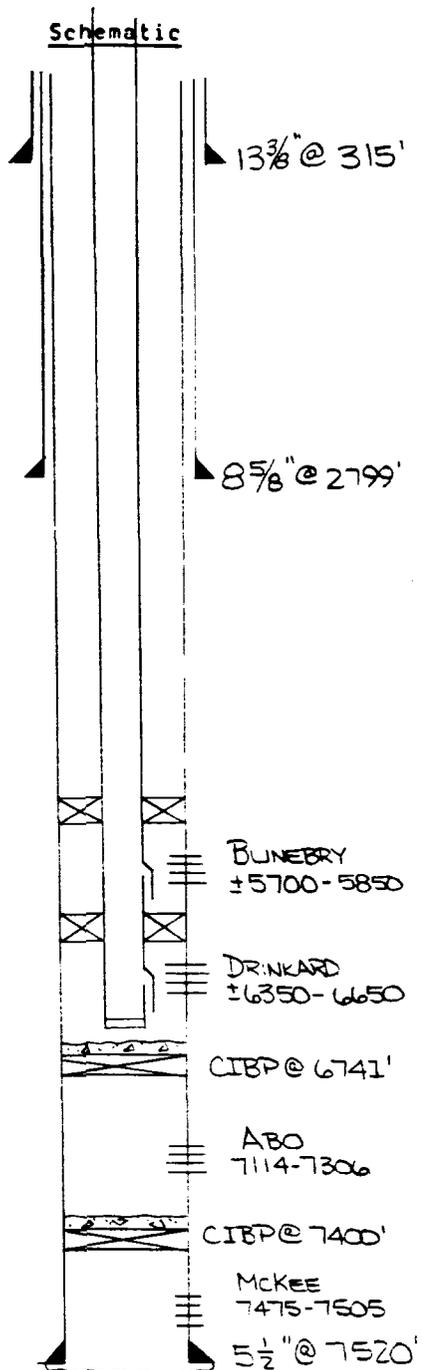
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a BAKER LOK-SET (OR EQUIVALENT) packer at ±6350 feet, (brand and model)
 (or describe any other casing-tubing seal). w/ TENSION SET PKR AT ±5450'

- Other Data
- Name of the injection formation BLINEBRY/DRINKARD
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD OIL PRODUCER
 - Has the well ever been perforated in any other zones? List all such perforated intervals and give plugging detail (sacks of cement or bridge plugs) used. -NO-
 - Give the depth to and name of any overburden and/or underlying oil or gas bearing pools in this area.

VJL

INJECTION WELL DATA SHEET

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON ET AL.)
 WELL NO. 807W FOOTAGE LOCATION 1750' ENL & 2310' FEL SECTION 22-215-37E TOWNSHIP O.R. EUBANK #8 - FROM GULF RANGE



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 360 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8 " Cemented with 1651 sx.
 TOC SURF feet determined by CIRC
 Hole size 11"

Long string
 Size 5 1/2 " Cemented with 580 sx.
 TOC 4424' feet determined by TEMP SVY
 Hole size 7 7/8"
 Total depth 7520'

Injection interval
±5700 feet to ±6650 feet (PERF'D)
 (perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR IN SIDEPCKET MANDREL OPPOSITE EACH INTERVAL

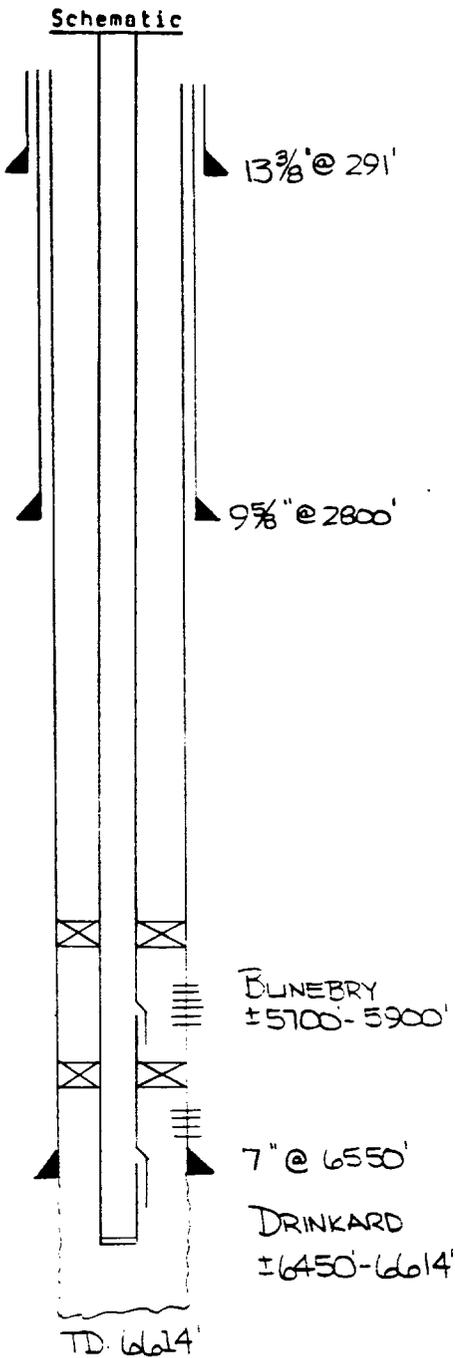
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6300 feet,
 (brand and model) WITH A TENSION PKR AT ±5650'
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BUNEERY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? HARE MCKEE PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)
HARE MCKEE (7475-7505), CIBP SET @ 7400' & CMT CAPPED IN 1/58.
ABO (7114-7306), CIBP SET @ 6741' & CMT CAPPED IN 3/63.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VJ 7/87

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON ET AL)
 WELL NO. 808N FOOTAGE LOCATION 660' FNL & 660' FEL SECTION _____ TOWNSHIP 22 RANGE 21S-37E
O.R. EUBANK # 2 - FROM QUAT



Tabular Data

Surface Casing

Size 13³/₈ " Cemented with 300 sx.
 TOC SURF feet determined by CIRC
 Hole size 17¹/₄"

Intermediate Casing

Size 9⁵/₈ " Cemented with 1300 sx.
 TOC 1500 feet determined by TEMP SVY
 Hole size 12¹/₄"

Long string

Size 7 " Cemented with 700 sx.
 TOC 2720 feet determined by TEMP SVY
 Hole size 8³/₄"

Total depth 6614 (CS₂ TO 6550)

Injection interval

±5700 feet to 6614 feet
 (perforated or open-hole, indicate which)

PERF'D TO 6550'
 OPEN HOLE: 6550 TO 6614.

* DOWNHOLE FLOW REGULATOR IN
 SIDEPCKET MANDREL OPPOSITE
 EACH INTERVAL.

BLINEBRY
 ±5700-5900'

7" @ 6550'

DRINKARD
 ±6450-6614'

TD: 6614'

Tubing size 2³/₈" lined with FIBERGLASS EPOXY (material) set in a
BAKERLOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet
 (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5650'

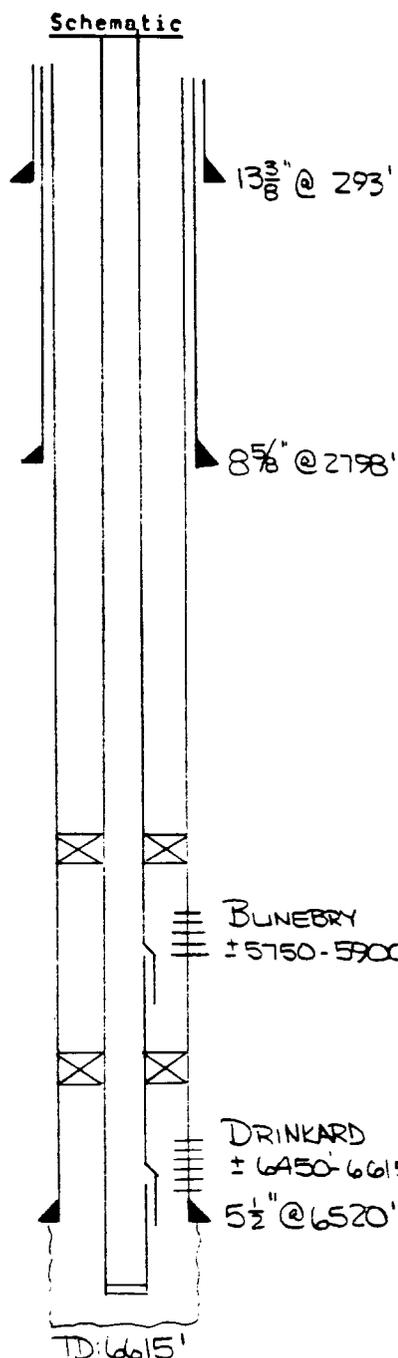
Other Data

- Name of the injection formation BLINEBRY / DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

V33 7/87

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY TEXACO'S D.A. WILLIAMSON #2 - FROM GETTY)

WELL NO. 811W FOOTAGE LOCATION 1980' FNL & 660' FWL SECTION _____ TOWNSHIP 23-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 300 sx.
 TOC SURF feet determined by CALCULATED
 Hole size N/A ASSUMING 1 1/4" HOLE w/ 50% LOSSES.

Intermediate Casing
 Size 8 5/8 " Cemented with 1200 sx.
 TOC SURF feet determined by CALCULATED
 Hole size N/A ASSUMING 1 1/4" HOLE w/ 50% LOSSES.

Long string
 Size 5 1/2 " Cemented with 400 sx.
 TOC 5000 feet determined by CALCULATED
 Hole size N/A ASSUMING 7 7/8" HOLE w/ 50% LOSSES.

Total depth 6615' (CSG TO 6520')

Injection interval
±5750 feet to 6615 feet
 (perforated or open-hole, indicate which)

PERF'D TO 6520'
OPEN HOLE 6520'-6615'

* DOWNHOLE FLOW REGULATOR IN
SIDEPCKET MANDREL OPPOSITE
EACH INTERVAL.

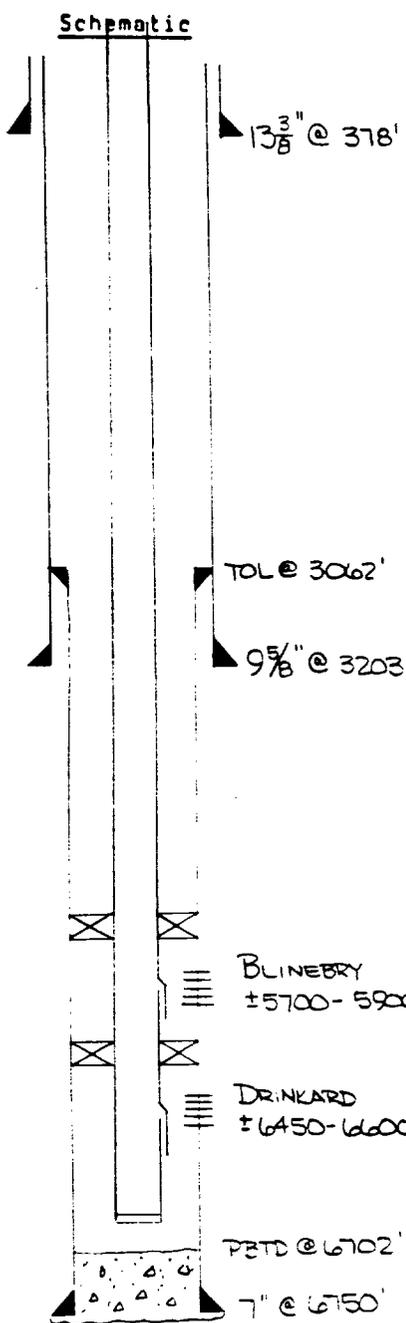
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6400 feet,
 (brand and model)
 (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5700'

Other Data

- Name of the injection formation BLINEBRY / DRINKARD
- Name of field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DRINKARD / TUBE PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

VJ 7/87

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY ARCO'S)
 WELL NO. 815W FOOTAGE LOCATION 1750' FNL & 1980' FEL SECTION ROY BARTON #4 TOWNSHIP 23 RANGE 21S-37E



Tabular Data

<u>Surface Casing</u>	
Size <u>13 3/8</u> "	Cemented with <u>400</u> sx.
TOC <u>SURF.</u>	feet determined by <u>CIRC.</u>
Hole size <u>17 1/2</u> "	
<u>Intermediate Casing</u>	
Size <u>9 5/8</u> "	Cemented with <u>1160</u> sx.
TOC <u>SURF.</u>	feet determined by <u>CIRC.</u>
Hole size <u>12 1/4</u> "	
<u>Long string</u>	
Size <u>7" LINER</u> "	Cemented with <u>888</u> sx.
TOC <u>TOL (3062')</u>	feet determined by <u>CIRC.</u>
Hole size <u>8 5/8</u> "	
Total depth <u>6750'</u>	
<u>Injection interval</u>	
<u>±5700</u> feet to <u>±6600</u> feet (PERF'D)	
(perforated or open-hole, indicate which)	

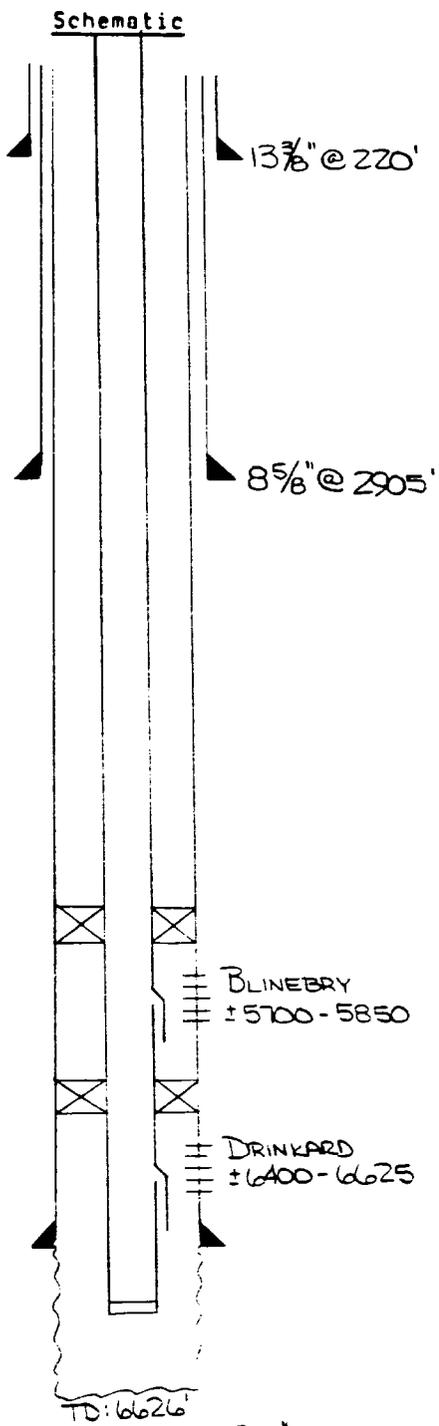
* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY (material) set in a BAKERLOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5650'

- Other Data
- Name of the injection formation BLINEERY/DRINKARD
 - Name of Field or Pool (if applicable) DRINKARD
 - Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEERY/DRINKARD PRODUCER
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO
 - Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VZJ

OPERATOR SWEPI	LEASE NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI'S TURNER #12)
WELL NO. 904W	FOOTAGE LOCATION 2065' FSL & 1700' FWL	SECTION TOWNSHIP RANGE 22-21S-37E



Tabular Data

Surface Casing
 Size 13 3/8" Cemented with 300 sx.
 TOC SURF feet determined by CIRC.
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8" Cemented with 2000 sx.
 TOC SURF feet determined by CIRC.
 Hole size 11"

Long string
 Size 5 1/2" Cemented with 500 sx.
 TOC 4400' feet determined by FREE POINT
 Hole size 7 7/8"
 Total depth 6626' (CSG TO 6480')

Injection interval
±5700 feet to 6625 feet
 (perforated or open-hole, indicate which)
 PERF'D ±5700'-6480'
 OPEN HOLE ±6480'-6625'

* DOWNHOLE FLOW REGULATOR IN SIDESOCKET MANDREL OPPOSITE BOTH ZONES.

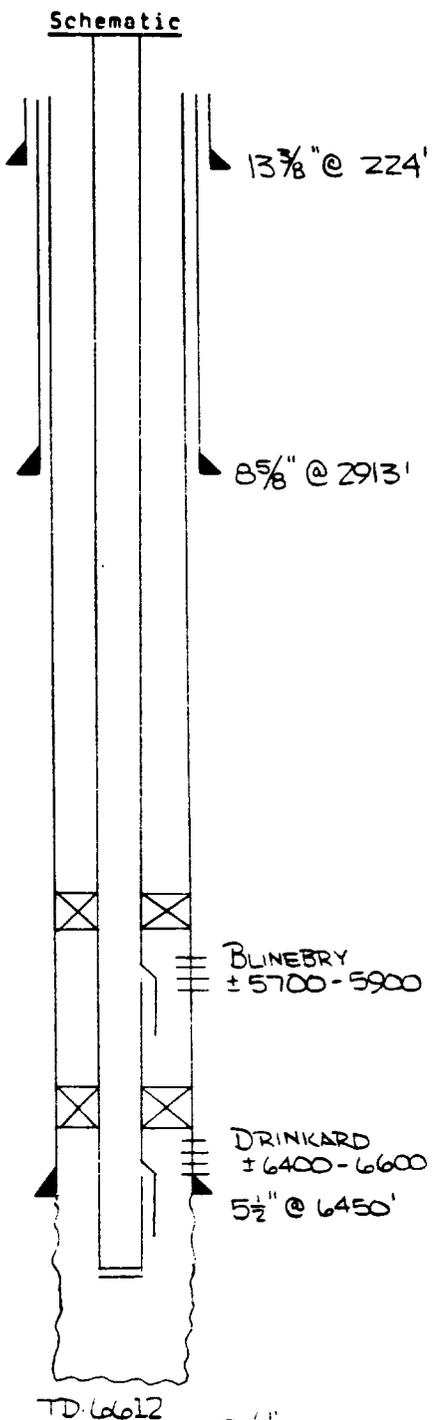
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a FREE LOX-SET (OR EQUIVALENT) packer at ±6350 feet, (or describe any other casing-tubing seal). w/ A TENSION PKR AT ±5650'

Other Data

1. Name of the injection formation BLINEBRY / DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBRY / DRINKARD PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-
5. Give the name to and name of any overlying and/or underlying oil or gas zones in this area.

VPT
1.6

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's TURNER #5)
 WELL NO. 909W FOOTAGE LOCATION 1980 FSL @ 660' FEL SECTION _____ TOWNSHIP 22-21S-37E RANGE _____



Tabular Data

Surface Casing
 Size 13 3/8" " Cemented with 300 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4"

Intermediate Casing
 Size 8 5/8" " Cemented with 1955 sx.
 TOC SURF feet determined by CIRC
 Hole size 11"

Long string
 Size 5 1/2" " Cemented with 500 sx.
 TOC 4545' feet determined by CALC. w/ 50% LOSSES
 Hole size 7 7/8"
 Total depth 6612' (CSG TO 6450)

Injection interval
±5700 feet to ±6590 feet
 (perforated or open-hole, indicate which)
 PERF'D ±5700-6450
 OPEN HOLE 6450-6590

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MADREL OPPOSITE BOTH ZONES.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKERLOK-SET (OR EQUIVALENT) (brand and model) packer at ±6350 feet, (or describe any other casing-tubing seal). w/ TENSION SET PKR AT ±5650'

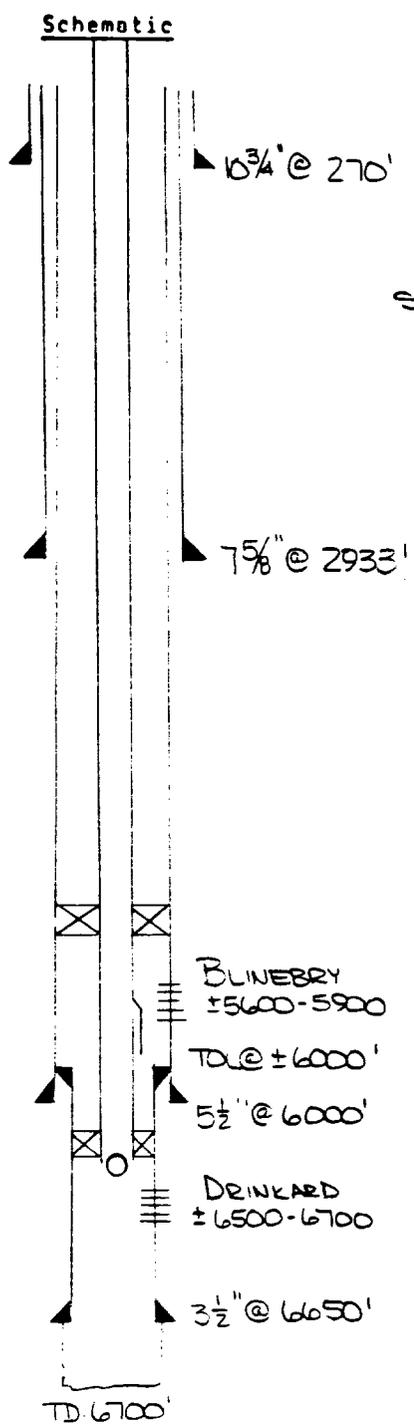
Other Data

- Name of the injection formation BLINEBRY/DRINKARD
- Name of field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? DUAL BLINEBRY/DRINKARD OIL PROD AND TUBE GAS PROD
- Has the well ever been perforated in any other zones? List all such perforated intervals and give plunging detail (sacks of cement or bridge plugs) used
TUBE (6024-6339) WILL BE SQZ'D w/ ± 100sx.
- Give the depth to and name of any overlying and/or underlying oil or gas bearing pools in this area. _____

VPA

INJECTION WELL DATA SHEET

OPERATOR SWEPT LEASE NORTHEAST DRINKARD UNIT (FORMERLY ARCO'S)
 WELL NO. 915W FOOTAGE LOCATION 1980' FSL & 1980' FEL SECTION 23-21S-37E TOWNSHIP S.J. SARKEYS #1 RANGE



Tabular Data

Surface Casing
 Size 10 3/4 " Cemented with 200 sx.
 TOC SURF feet determined by CIRC
 Hole size 12 1/2 "

SHORT Intermediate Casing
 Size 7 5/8 " Cemented with 1200 sx.
 TOC 1620 feet determined by TEMP SVU
 Hole size 9 1/2 "

INTERMEDIATE Long string
 Size 5 1/2 " Cemented with 250 sx.
 TOC 3820 feet determined by TEMP SVU
 Hole size 6 3/4 "

LONG STRING
 Size 3 1/2" LINER CEMENTED WITH 150 sx
 TOC TD @ ±6000' FEET DETERMINED BY CIRC
 Hole size 4 3/4 "

TOTAL DEPTH 6700 (LINER TO 6650')

INJECTION INTERVAL
±5600 FEET TO ±6700 FEET (PERF'D TO 6650', OPEN HOLE 6650-6700)

* DOWNHOLE FLOW REGULATORS IN SIDEPCKET MANDREL OPPOSITE BLINEBRY AND AT THE END OF THE TUBING STRING OPPOSITE DRINKARD.

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a 3 1/2" BAKER LOK-SET (OR EQUIVALENT) packer at ±6450 feet, (material)
 (brand and model)
 (or describe any other casing-tubing seal). w/ A 5 1/2" TENSION PKR AT ±5550'

Other Data

- Name of the injection formation BLINEBRY/DRINKARD
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? BLINEBRY PRODUCER
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31 7/27

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
1	AMOCO PROD. CO.	25.00000	3.19019	2.90662	2.03529	1.71939	X	25.00000
	ARCO OIL & GAS CO.	25.00000	3.19019	2.90662	2.03529	1.71939		0.00000
	CHEVRON, USA, INC.	25.00000	3.19019	2.90662	2.03529	1.71939	X	25.00000
	CONOCO, INC.	25.00000	3.19019	2.90662	2.03529	1.71939	X	25.00000
		100.00000	12.76076	11.62648	8.14116	6.87756		75.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
UNITED STATES OF AMERICA	12.50000	12.09082	11.11652	7.80137	6.62589	X	100.00000
	12.50000	12.09082	11.11652	7.80137	6.62589		100.00000

Northeast Drinkard Unit
 Exhibit Six
 Cases 9230
 9231
 9232

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
2	MERIDIAN OIL INC.	100.00000	5.46492	3.88620	1.56121	1.91073		0.00000
		100.00000	5.46492	3.88620	1.56121	1.91073		0.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	5.17801	3.71574	1.49605	1.84081	X	100.00000
	12.50000	5.17801	3.71574	1.49605	1.84081		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
3	CHEVRON, USA, INC.(GULF OIL CORP.)	100.00000	4.63358	5.82141	0.59464	2.10554	X	100.00000
		100.00000	4.63358	5.82141	0.59464	2.10554		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	4.39032	5.56607	0.56982	2.02849	X	100.00000
	12.50000	4.39032	5.56607	0.56982	2.02849		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFICATIONS % OF TRACT	
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
4A	SHELL WESTERN E&P INC. (BD - LOTS 5,9,10 SEC 3 LOT 8 SEC 4 T - LOT 9 SEC 3 LOT 8 SEC 4)	100.00000	3.35015	3.37787	1.24098	2.70672	X	100.00000
		100.00000	3.35015	3.37787	1.24098	2.70672		100.00000
	ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFICATIONS %	% OF TRACT
	C. H. COLL	0.39062	0.09919	0.10093	0.03716	0.08149	X	1.66665
	J. N. COLL	0.39063	0.09920	0.10093	0.03716	0.08149	X	1.66669
	J. F. COLL	0.39062	0.09919	0.10093	0.03716	0.08149	X	1.66665
	M. W. COLL	0.39063	0.09920	0.10093	0.03716	0.08149	X	1.66669
	C. D. CRAIN	0.54688	0.13888	0.14130	0.05203	0.11409	X	2.33335
	C. M. CRAIN	0.18229	0.04629	0.04710	0.01734	0.03803	X	0.77777
	M. W. CRAIN	0.54688	0.13888	0.14130	0.05203	0.11409	X	2.33335
	P. CRAIN	0.54688	0.13888	0.14130	0.05203	0.11409	X	2.33335
	R. K. CRAIN	0.18228	0.04629	0.04710	0.01734	0.03803		0.00000
	W. R. CRAIN	0.54688	0.13888	0.14130	0.05203	0.11409	X	2.33335
	BANK OF CALF	0.44531	0.11308	0.11506	0.04236	0.09290		0.00000
	B. M. DREESSEN, TRUSTEE	0.58593	0.14879	0.15139	0.05574	0.12223	X	2.49997
	E. DREESSEN	0.07031	0.01785	0.01817	0.00669	0.01467		0.00000
	HOLMES	2.73438	0.69437	0.70650	0.26013	0.57043	X	11.66669
	HUNTER OIL	1.56250	0.39678	0.40371	0.14865	0.32596	X	6.66667
	N. JOHNSON	2.73438	0.69437	0.70650	0.26013	0.57043		0.00000
	D. B. KYTE	1.36719	0.34719	0.35325	0.13007	0.28521		0.00000
	B. M. DREESSEN, I. POWELL	0.58594	0.14879	0.15139	0.05574	0.12224	X	2.50001
	MATSUURA	0.18228	0.04629	0.04710	0.01734	0.03803	X	0.77773
	METHODIST HOME	1.56250	0.39678	0.40371	0.14865	0.32596	X	6.66667
	A L. NEWSOM	3.12500	0.79357	0.80743	0.29730	0.65192	X	13.33333
	I. POWELL	0.07031	0.01785	0.01817	0.00669	0.01467	X	0.29999
	I. RODGERS	2.73438	0.69437	0.70650	0.26013	0.57043	X	11.66669
	J. TAYLOR	1.56250	0.39678	0.40371	0.14865	0.32596	X	6.66667
		23.43750	5.95175	6.05570	2.22972	4.88938		79.52226

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
48	SHELL WESTERN E&P INC. (BD - LOTS 6,11 SEC 3)	100.00000	2.19816	1.02490	0.89325	1.61471	X	100.00000
		100.00000	2.19816	1.02490	0.89325	1.61471		100.00000

	ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
	C. H. COLL	0.39062	0.06509	0.03062	0.02675	0.04861	X	3.12496
	J. N. COLL	0.39063	0.06509	0.03062	0.02675	0.04861	X	3.12504
	J. F. COLL	0.39062	0.06509	0.03062	0.02675	0.04861	X	3.12496
	M. W. COLL	0.39063	0.06509	0.03062	0.02675	0.04861	X	3.12504
	BANK OF CALF	0.44532	0.07420	0.03491	0.03049	0.05542		0.00000
	B. M. DREESSEN, TRUSTEE	0.58593	0.09763	0.04593	0.04012	0.07292	X	4.68744
	E. DREESSEN	0.07031	0.01172	0.00551	0.00481	0.00875		0.00000
	HUNTER OIL	1.56250	0.26034	0.12249	0.10700	0.19445	X	12.50000
	D. B. KYTE	1.36719	0.22780	0.10718	0.09362	0.17015		0.00000
	B. M. DREESSEN, I. POWELL	0.58594	0.09763	0.04594	0.04012	0.07292	X	4.68752
	METHODIST HOME	1.56250	0.26034	0.12249	0.10700	0.19445	X	12.50000
	A L. NEWSOM	3.12500	0.52069	0.24499	0.21399	0.38891	X	25.00000
	I. POWELL	0.07031	0.01172	0.00551	0.00481	0.00875	X	0.56248
	J. TAYLOR	1.56250	0.26034	0.12249	0.10700	0.19445	X	12.50000
		12.50000	2.08276	0.97995	0.85597	1.55562		84.93744

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
4C	SHELL WESTERN E&P INC. (TD - LOTS 5,6,10,11 SEC 3)	100.00000	0.01265	0.01307	3.13394	0.87238	X	100.00000
		100.00000	0.01265	0.01307	3.13394	0.87238		100.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
C. H. COLL	0.39062	0.00037	0.00039	0.09385	0.02626	X	2.17389
J. N. COLL	0.39063	0.00037	0.00039	0.09385	0.02626	X	2.17394
J. F. COLL	0.39062	0.00037	0.00039	0.09385	0.02626	X	2.17389
M. W. COLL	0.39063	0.00037	0.00039	0.09385	0.02626	X	2.17394
C. D. CRAIN	0.27344	0.00026	0.00027	0.06569	0.01839	X	1.52175
C. M. CRAIN	0.09114	0.00009	0.00009	0.02190	0.00613	X	0.50721
M. W. CRAIN	0.27344	0.00026	0.00027	0.06569	0.01839	X	1.52175
P. CRAIN	0.27344	0.00026	0.00027	0.06569	0.01839	X	1.52175
R. K. CRAIN	0.09114	0.00009	0.00009	0.02190	0.00613		0.00000
W. R. CRAIN	0.27344	0.00026	0.00027	0.06569	0.01839	X	1.52175
BANK OF CALF	0.44532	0.00043	0.00045	0.10699	0.02994		0.00000
B. M. DREESSEN, TRUSTEE	0.58593	0.00056	0.00059	0.14077	0.03940	X	3.26083
E. DREESSEN	0.07031	0.00007	0.00007	0.01689	0.00473		0.00000
HOLMES	1.36719	0.00131	0.00137	0.32847	0.09193	X	7.60871
HUNTER OIL	1.56250	0.00150	0.00156	0.37539	0.10506	X	8.69565
N. JOHNSON	1.36719	0.00131	0.00137	0.32847	0.09193		0.00000
D. B. KYTE	1.36719	0.00131	0.00137	0.32847	0.09193		0.00000
B. M. DREESSEN, I. POWELL	0.58594	0.00056	0.00059	0.14077	0.03940	X	3.26088
MATSUURA	0.09114	0.00009	0.00009	0.02190	0.00613	X	0.50721
METHODIST HOME	1.56250	0.00150	0.00156	0.37539	0.10506	X	8.69565
A L. NEWSOM	3.12500	0.00300	0.00312	0.75078	0.21011	X	17.39130
I. POWELL	0.07031	0.00007	0.00007	0.01689	0.00473	X	0.39129
I. RODGERS	1.36719	0.00131	0.00137	0.32847	0.09193	X	7.60871
J. TAYLOR	1.56250	0.00150	0.00156	0.37539	0.10506	X	8.69565
	17.96875	0.01723	0.01796	4.31701	1.20816		81.40577

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
5	SHELL WESTERN E&P INC.	100.00000	7.17958	7.87876	8.77204	7.24535	X	100.00000
		100.00000	7.17958	7.87876	8.77204	7.24535		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
ADAMS	0.07324	0.03986	0.04414	0.04925	0.04090	X	0.58592
AMOCO	0.41667	0.22676	0.25111	0.28020	0.23268	X	3.33336
BAKER	0.05493	0.02989	0.03310	0.03694	0.03067		0.00000
D. BENNETT	0.17361	0.09448	0.10463	0.11675	0.09695	X	1.38888
R. BENNETT	0.17361	0.09448	0.10463	0.11675	0.09695	X	1.38888
V. BENNETT	0.17361	0.09448	0.10463	0.11675	0.09695	X	1.38888
BLACK	0.06944	0.03779	0.04185	0.04670	0.03878	X	0.55552
BYERS	0.50348	0.27400	0.30342	0.33858	0.28115	X	4.02784
CAMPBELL	0.26042	0.14172	0.15694	0.17513	0.14542	X	2.08336
CHASKIN	0.06944	0.03779	0.04185	0.04670	0.03878	X	0.55552
CONE	0.30816	0.16770	0.18571	0.20723	0.17208		0.00000
COWART	0.01954	0.01063	0.01178	0.01314	0.01091	X	0.15632
CROW	0.01830	0.00996	0.01103	0.01231	0.01022		0.00000
CURRY	0.20833	0.11338	0.12555	0.14010	0.11634	X	1.66664
COX	0.39062	0.21258	0.23541	0.26268	0.21813	X	3.12496
DALDAL	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
DEKKER	0.01830	0.00996	0.01103	0.01231	0.01022	X	0.14640
DUNN	0.09765	0.05314	0.05885	0.06567	0.05453	X	0.78120
FAIRWAY	0.17361	0.09448	0.10463	0.11675	0.09695		0.00000
TRUST NO. 320	0.39063	0.21259	0.23541	0.26269	0.21813	X	3.12504
TRUST NO. 319	0.39062	0.21258	0.23541	0.26268	0.21813	X	3.12496
C. HAMM	0.20833	0.11338	0.12555	0.14010	0.11634	X	1.66664
T. HAMM	0.41667	0.22676	0.25111	0.28020	0.23268	X	3.33336
W. HAMM	0.41667	0.22676	0.25111	0.28020	0.23268	X	3.33336
HAMON	0.39063	0.21259	0.23541	0.26269	0.21813	X	3.12504
HANAHO	0.17361	0.09448	0.10463	0.11675	0.09695		0.00000
HARRIS	0.14648	0.07972	0.08828	0.09850	0.08180	X	1.17184
HARSIN	0.09765	0.05314	0.05885	0.06567	0.05453	X	0.78120
HERD	0.17361	0.09448	0.10463	0.11675	0.09695	X	1.38888
HOLDEN	0.01830	0.00996	0.01103	0.01231	0.01022	X	0.14640
HOPKINS	0.07324	0.03986	0.04414	0.04925	0.04090	X	0.58592
JONES	0.09765	0.05314	0.05885	0.06567	0.05453	X	0.78120
KENYON	0.03907	0.02126	0.02355	0.02627	0.02182		0.00000
E. LADNER	0.21701	0.11810	0.13078	0.14593	0.12118	X	1.73608
H. LADNER	0.21702	0.11810	0.13079	0.14594	0.12119	X	1.73616
J. LADNER	0.21701	0.11810	0.13078	0.14593	0.12118	X	1.73608

M. LADNER	0.86806	0.47241	0.52314	0.58375	0.48474	X	6.94448
LEVY	0.06944	0.03779	0.04185	0.04670	0.03878	X	0.55552
J. W. LOVE	0.02442	0.01329	0.01472	0.01642	0.01364		0.00000
J. A. LOVE	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
K. G. LOVE	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
MALABY	0.19530	0.10628	0.11770	0.13133	0.10906	X	1.56240
MARKHAM	0.30816	0.16770	0.18571	0.20723	0.17208	X	2.46528
MATZENBACKER	0.01464	0.00797	0.00882	0.00985	0.00818	X	0.11712
MCDUFFIE	0.13889	0.07559	0.08370	0.09340	0.07756	X	1.11112
MCGOUGH	0.00367	0.00200	0.00221	0.00247	0.00205	X	0.02936
MOHON	0.02442	0.01329	0.01472	0.01642	0.01364		0.00000
MOORE	0.32552	0.17715	0.19618	0.21890	0.18178		0.00000
PRATER	0.19531	0.10629	0.11770	0.13134	0.10906	X	1.56248
RIPS	0.06945	0.03780	0.04185	0.04670	0.03878	X	0.55560
ROBERTSON	0.21701	0.11810	0.13078	0.14593	0.12118	X	1.73608
RORSCHACH	0.78125	0.42517	0.47082	0.52537	0.43626	X	6.25000
SANDS	0.11719	0.06378	0.07063	0.07881	0.06544	X	0.93752
SHULIE	0.19530	0.10628	0.11770	0.13133	0.10906	X	1.56240
SPLITTGERBER	0.09766	0.05315	0.05886	0.06567	0.05454	X	0.78128
TABOR	0.07324	0.03986	0.04414	0.04925	0.04090	X	0.58592
TERREL	0.09765	0.05314	0.05885	0.06567	0.05453	X	0.78120
TEXACO	0.62500	0.34013	0.37666	0.42030	0.34901		0.00000
TRUSS	0.01953	0.01063	0.01177	0.01313	0.01091	X	0.15624
TURLAND ESTATE	0.14648	0.07972	0.08828	0.09850	0.08180		0.00000
ACE TURLAND	0.02442	0.01329	0.01472	0.01642	0.01364		0.00000
ANN TURLAND	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
B. T. TURLAND	0.00732	0.00398	0.00441	0.00492	0.00409	X	0.05856
C. G. TURLAND	0.00732	0.00398	0.00441	0.00492	0.00409		0.00000
DONALD TURLAND	0.09766	0.05315	0.05886	0.06567	0.05454	X	0.78128
D. D. TURLAND	0.01831	0.00996	0.01103	0.01231	0.01022		0.00000
M. E. R. TURLAND	0.05859	0.03189	0.03531	0.03940	0.03272	X	0.46872
P. TURLAND	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
W. H. TURLAND	0.07323	0.03985	0.04413	0.04925	0.04089		0.00000
WELBORN	0.30816	0.16770	0.18571	0.20723	0.17208	X	2.46528
BONNIE WELMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
BILLIE JEAN WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
MACK WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
M. E. WILMETH	0.01302	0.00709	0.00785	0.00876	0.00727	X	0.10416
R. WILMETH	0.01302	0.00709	0.00785	0.00876	0.00727	X	0.10416
T. T. WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
T. S. A. WILMETH	0.01303	0.00709	0.00785	0.00876	0.00728	X	0.10424
V. S. WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
W. C. WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
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	12.50000	6.80265	7.53318	8.40592	6.98022		83.70560

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
6	TEXACO, INC.	90.00000	0.19629	0.15295	0.24477	0.24436	X	90.00000
6	PHILLIPS	10.00000	0.02181	0.01699	0.02720	0.02715		0.00000
		100.00000	0.21810	0.16994	0.27197	0.27151		90.00000

	ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
	TEXACO INC.	11.25000	0.18598	0.14624	0.23456	0.23542	X	81.81818
	BYERS	2.50000	0.04133	0.03250	0.05212	0.05231	X	18.18182
		13.75000	0.22731	0.17873	0.28668	0.28773		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
8	SHELL WESTERN E&P INC.	100.00000	4.40182	6.46351	1.89390	3.12977	X	100.00000
		100.00000	4.40182	6.46351	1.89390	3.12977		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	4.17072	6.18001	1.81485	3.01524	X	100.00000
	12.50000	4.17072	6.18001	1.81485	3.01524		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
9	AMOCO PROD. CO.	25.00000	1.30666	0.66566	0.48689	0.60084	X	25.00000
9	ARCO OIL & GAS CO.	25.00000	1.30666	0.66566	0.48689	0.60084		0.00000
9	CHEVRON, USA, INC.	25.00000	1.30666	0.66566	0.48689	0.60084	X	25.00000
9	CONOCO, INC.	25.00000	1.30666	0.66566	0.48689	0.60084	X	25.00000
		100.00000	5.22664	2.66264	1.94756	2.40336		75.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	4.95224	2.54585	1.86627	2.31541	X	100.00000
	12.50000	4.95224	2.54585	1.86627	2.31541		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
11	MERIDIAN OIL INC.	100.00000	0.58269	0.58557	0.80226	1.19394		0.00000
		100.00000	0.58269	0.58557	0.80226	1.19394		0.00000

	ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
	J. W. NICHOLS	0.29297	0.01294	0.01312	0.01802	0.02696	X	2.34374
	C. P. NICHOLS	0.14649	0.00647	0.00656	0.00901	0.01348	X	1.17188
	J. A. & D. T. BECKER	0.44759	0.01977	0.02005	0.02753	0.04119	X	3.58073
	J. A. BECKER	0.44759	0.01977	0.02005	0.02753	0.04119	X	3.58073
	COWDEN	2.34375	0.10352	0.10498	0.14415	0.21567	X	18.75000
	SLAGLE	0.29297	0.01294	0.01312	0.01802	0.02696	X	2.34375
	TRUST 1055	0.14649	0.00647	0.00656	0.00901	0.01348	X	1.17188
	GRANT	0.07487	0.00331	0.00335	0.00460	0.00689	X	0.59896
	IRVIN	0.58594	0.02588	0.02624	0.03604	0.05392	X	4.68750
	LEFLORE	3.12500	0.13802	0.13997	0.19219	0.28756	X	25.00000
	NERWICK	0.37164	0.01641	0.01665	0.02286	0.03420	X	2.97309
	PERKINS	0.29297	0.01294	0.01312	0.01802	0.02696	X	2.34375
	REESE	0.78125	0.03451	0.03499	0.04805	0.07189	X	6.25000
	RODGERS	1.04004	0.04594	0.04658	0.06396	0.09570	X	8.32031
	J. SIMPSON	0.37164	0.01641	0.01665	0.02286	0.03420	X	2.97309
	P. J. SIMPSON	0.37164	0.01641	0.01665	0.02286	0.03420		0.00000
	STAGNER	0.78125	0.03451	0.03499	0.04805	0.07189	X	6.25000
	WILLIAMS	0.58594	0.02588	0.02624	0.03604	0.05392	X	4.68750
		12.50000	0.55210	0.55989	0.76878	1.15025		97.02691

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
12	EXXON CO., USA	100.00000	5.74104	4.87073	2.72815	3.57022	X	100.00000
		100.00000	5.74104	4.87073	2.72815	3.57022		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	5.43964	4.65709	2.61429	3.43957	X	100.00000
	12.50000	5.43964	4.65709	2.61429	3.43957		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
13	MERIDIAN OIL INC.	100.00000	1.73740	1.43108	1.95104	1.44764		0.00000
		100.00000	1.73740	1.43108	1.95104	1.44764		0.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
KOLLIKER	0.09766	0.01286	0.01069	0.01461	0.01090	X	0.39062
C. GUTMAN TRUST	4.06901	0.53587	0.44541	0.60860	0.45399	X	16.27604
DANIELS	0.39063	0.05144	0.04276	0.05843	0.04358	X	1.56250
FT. WORTH NATL BANK	0.09766	0.01286	0.01069	0.01461	0.01090	X	0.39062
A. E. GUTMAN	2.71267	0.35725	0.29694	0.40573	0.30266		0.00000
EST OF MAX GUTMAN	8.13802	1.07174	0.89083	1.21719	0.90799	X	32.55208
D. L. GUTMAN	2.71268	0.35725	0.29694	0.40573	0.30266	X	10.85070
B. GUTTAG	4.06901	0.53587	0.44541	0.60860	0.45399	X	16.27604
SOCLOW	2.71267	0.35725	0.29694	0.40573	0.30266	X	10.85070
	25.00000	3.29237	2.73662	3.73922	2.78933		89.14931

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
14	AMOCO PROD. CO.	24.21875	0.74421	0.62701	0.44848	0.52108	X	24.21875
14	ANN W. MORRIS	0.52084	0.01600	0.01348	0.00964	0.01121	X	0.52084
14	ARCO OIL & GAS CO.	24.21875	0.74421	0.62701	0.44848	0.52108		0.00000
14	CHEVRON, USA, INC.	24.21875	0.74421	0.62701	0.44848	0.52108	X	24.21875
14	CONOCO, INC.	24.21875	0.74421	0.62701	0.44848	0.52108	X	24.21875
14	IRMA SPEAR	1.56250	0.04801	0.04045	0.02893	0.03362	X	1.56250
14	J. H. HENDRIX CORP.	1.04166	0.03201	0.02697	0.01929	0.02241		0.00000
		100.00000	3.07286	2.58894	1.85178	2.15156		74.73959

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT	
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)			
BAKER	0.02170	0.00505	0.00430	0.00308	0.00360	X	0.17636	
BENISCHEK	1.39322	0.32451	0.27590	0.19778	0.23103	X	11.32268	
BENSON	0.19531	0.04549	0.03868	0.02773	0.03239	X	1.58728	
E. F. BLAIN	0.02170	0.00505	0.00430	0.00308	0.00360	X	0.17636	
E. L. BLAIN	0.02170	0.00505	0.00430	0.00308	0.00360	X	0.17636	
CITIZENS	0.78125	0.18197	0.15471	0.11091	0.12955	X	6.34921	
COFFELT	0.01953	0.00455	0.00387	0.00277	0.00324	X	0.15872	
COOPER	0.03906	0.00910	0.00774	0.00554	0.00648	X	0.31744	
GODFREY	0.09765	0.02274	0.01934	0.01386	0.01619	X	0.79360	
GOODING	0.01799	0.00419	0.00356	0.00255	0.00298	X	0.14620	
KAEMPF	0.11709	0.02727	0.02319	0.01662	0.01942	X	0.95159	
LIBERTY	0.67709	0.15771	0.13408	0.09612	0.11228	X	5.50270	
WOLFSON PROPERTIES	0.72917	0.16984	0.14440	0.10351	0.12092	X	5.92596	
MORRIS	0.00651	0.00152	0.00129	0.00092	0.00108	X	0.05291	
O'CONNOR	0.09766	0.02275	0.01934	0.01386	0.01619	X	0.79368	
PFILE	0.78125	0.18197	0.15471	0.11091	0.12955	X	6.34921	
PHILADELPHIA NATL BANK	0.06511	0.01517	0.01289	0.00924	0.01080		0.00000	
RICE	1.56250	0.36394	0.30942	0.22181	0.25910	X	12.69842	
SENNER	0.15625	0.03639	0.03094	0.02218	0.02591	X	1.26984	
SMITH	0.67708	0.15771	0.13408	0.09612	0.11228	X	5.50262	
SW BAPTIST	1.24349	0.28964	0.24625	0.17653	0.20620	X	10.10583	
E. SPEAR	0.09765	0.02274	0.01934	0.01386	0.01619	X	0.79360	
H. SPEAR	0.09766	0.02275	0.01934	0.01386	0.01619	X	0.79368	
F. B. SWARTS	0.19531	0.04549	0.03868	0.02773	0.03239		0.00000	
H. L. & F. B. SWARTS	0.09766	0.02275	0.01934	0.01386	0.01619		0.00000	
TEX COMM BANK	1.56250	0.36394	0.30942	0.22181	0.25910	X	12.69842	
TODD	0.67708	0.15771	0.13408	0.09612	0.11228		0.00000	
WOLFSON	0.72917	0.16984	0.14440	0.10351	0.12092	X	5.92596	
WRIGHT	0.12534	0.02919	0.02482	0.01779	0.02078	X	1.01864	
		12.30468	2.86604	2.43670	1.74676	2.04044		91.58727

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
15	TEXACO, INC. (GETTY OIL)	100.00000	4.08296	3.80132	2.90949	5.25526	X	100.00000
		100.00000	4.08296	3.80132	2.90949	5.25526		100.00000

	ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
	STATE OF NEW MEXICO	12.50000	3.86861	3.63459	2.78806	5.06295	X	100.00000
		12.50000	3.86861	3.63459	2.78806	5.06295		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
16	CITIES SERVICE	100.00000	1.30534	2.04652	2.90013	1.81106	X	100.00000
		100.00000	1.30534	2.04652	2.90013	1.81106		100.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	1.23681	1.95676	2.77909	1.74479	X	100.00000
	12.50000	1.23681	1.95676	2.77909	1.74479		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
17	SHELL WESTERN E&P INC.	100.00000	2.16723	2.27339	3.75892	2.99600	X	100.00000
		100.00000	2.16723	2.27339	3.75892	2.99600		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
STATE OF NEW MEXICO	12.50000	2.05345	2.17367	3.60203	2.88637	X	100.00000
	12.50000	2.05345	2.17367	3.60203	2.88637		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
188D	AJM CO.	2.06665	0.06882	0.06132	0.03647	0.03615		0.00000
188D	ARCO OIL & GAS CO.	25.00000	0.83245	0.74172	0.44122	0.43732		0.00000
188D	B.M. JERIGAN	14.46667	0.48171	0.42921	0.25532	0.25306	X	14.46667
188D	CEM CO.	2.06665	0.06882	0.06132	0.03647	0.03615		0.00000
188D	EMM CO.	2.06667	0.06882	0.06132	0.03647	0.03616		0.00000
188D	J.E. MORAN TRUST	14.46667	0.48171	0.42921	0.25532	0.25306		0.00000
188D	KAM CO.	2.06667	0.06882	0.06132	0.03647	0.03616		0.00000
188D	KPM CO.	2.06667	0.06882	0.06132	0.03647	0.03616		0.00000
188D	PARRISH TRUST	6.60001	0.21977	0.19581	0.11648	0.11545		0.00000
188D	PGM CO.	2.06667	0.06882	0.06132	0.03647	0.03616		0.00000
188D	SHELL WESTERN E&P INC.	25.00000	0.83245	0.74172	0.44122	0.43732	X	25.00000
188D	TMM CO.	2.06667	0.06882	0.06132	0.03647	0.03616		0.00000
		100.00000	3.32983	2.96691	1.76485	1.74931		39.46667

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT	
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)			
SELMA ANDREWS	2.51742	0.63540	0.57131	0.34059	0.33941	X	16.95946	
ARCO	3.12500	0.78875	0.70919	0.42280	0.42132		0.00000	
REP NATL AGENCY	2.17008	0.54773	0.49248	0.29360	0.29258	X	14.61949	
C. H. COLL	0.39062	0.09859	0.08865	0.05285	0.05266	X	2.63155	
J. F. COLL	0.39062	0.09859	0.08865	0.05285	0.05266	X	2.63155	
J. N. COLL	0.39063	0.09860	0.08865	0.05285	0.05267	X	2.63161	
M. W. COLL	0.39063	0.09860	0.08865	0.05285	0.05267	X	2.63161	
J. BLEVINS CRUMP	1.17187	0.29578	0.26595	0.15855	0.15800	X	7.89470	
D. C. BLEVINS	1.17188	0.29578	0.26595	0.15855	0.15800	X	7.89477	
HENDRICK MEM HOSP	1.56250	0.39438	0.35460	0.21140	0.21066		0.00000	
WISER OIL	1.56250	0.39438	0.35460	0.21140	0.21066	X	10.52632	
		14.84375	3.74658	3.36867	2.00829	2.00129		68.42105

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
18T	AJM CO.	1.29167	0.00000	0.00218	0.00571	0.01077		0.00000
18T	ARCO OIL & GAS CO.	25.00000	0.00000	0.04211	0.11046	0.20847		0.00000
18T	B.M. JERIGAN	9.04167	0.00000	0.01522	0.03994	0.07539	X	9.04167
18T	CEM CO.	1.29167	0.00000	0.00218	0.00571	0.01077		0.00000
18T	EMM CO.	1.29166	0.00000	0.00218	0.00571	0.01077		0.00000
18T	J.E. MORAN TRUST	9.04166	0.00000	0.01522	0.03994	0.07539		0.00000
18T	KAM CO.	1.29166	0.00000	0.00218	0.00571	0.01077		0.00000
18T	KPM CO.	1.29166	0.00000	0.00218	0.00571	0.01077		0.00000
18T	PARRISH TRUST	4.12503	0.00000	0.00695	0.01823	0.03440		0.00000
18T	PGM CO.	1.29166	0.00000	0.00218	0.00571	0.01077		0.00000
18T	SHELL WESTERN E&P INC.	43.75000	0.00000	0.07370	0.19331	0.36482	X	43.75000
18T	TMM CO.	1.29166	0.00000	0.00218	0.00571	0.01077		0.00000
		100.00000	0.00000	0.16846	0.44185	0.83386		52.79167

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT	
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)			
REP NATL BANK, ANDREWS	2.93699	0.00000	0.03785	0.09948	0.18875	X	18.33827	
ARCO	3.12500	0.00000	0.04027	0.10585	0.20084		0.00000	
REP NATL BANK, BRAILLE	2.53176	0.00000	0.03262	0.08576	0.16271	X	15.80806	
C. H. COLL	0.39062	0.00000	0.00503	0.01323	0.02510	X	2.43899	
J. N. COLL	0.39062	0.00000	0.00503	0.01323	0.02510	X	2.43899	
J. F. COLL	0.39063	0.00000	0.00503	0.01323	0.02510	X	2.43905	
M. W. COLL	0.39063	0.00000	0.00503	0.01323	0.02510	X	2.43905	
J. B. BLEVINS	1.36719	0.00000	0.01762	0.04631	0.08787	X	8.53660	
D. C. BLEVINS	1.36719	0.00000	0.01762	0.04631	0.08787	X	8.53660	
HENDRICK MEM HOSP	1.56250	0.00000	0.02013	0.05293	0.10042		0.00000	
WISER OIL	1.56250	0.00000	0.02013	0.05293	0.10042	X	9.75609	
		16.01563	0.00000	0.20637	0.54249	1.02929		70.73172

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
19	ARCO OIL & GAS CO.	25.00000	0.49955	0.43511	0.41985	0.29627		0.00000
19	B.M. JERIGAN	3.61666	0.07227	0.06295	0.06074	0.04286	X	3.61666
19	J.E. MORAN TRUST	3.61667	0.07227	0.06295	0.06074	0.04286		0.00000
19	MORAN PARTNERSHIP	3.61667	0.07227	0.06295	0.06074	0.04286	X	3.61667
19	PARRISH TRUST	1.65000	0.03297	0.02872	0.02771	0.01955		0.00000
19	SHELL WESTERN E&P INC.	62.50000	1.24887	1.08779	1.04960	0.74069	X	62.50000
		100.00000	1.99820	1.74047	1.67938	1.18509	0.00000	69.73333

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
S. ANDREWS	3.35656	0.50840	0.44686	0.43213	0.30658	X	19.08973
ARCO	3.12500	0.47332	0.41603	0.40232	0.28543		0.00000
REP NATL BANK, BRAILLE	2.89344	0.43825	0.38520	0.37251	0.26428	X	16.45583
C. H. COLL	0.39062	0.05916	0.05200	0.05029	0.03568	X	2.22157
J. N. COLL	0.39062	0.05916	0.05200	0.05029	0.03568	X	2.22157
J. F. COLL	0.39063	0.05917	0.05200	0.05029	0.03568	X	2.22163
M. W. COLL	0.39063	0.05917	0.05200	0.05029	0.03568	X	2.22163
J. B. CRUMP	1.56250	0.23666	0.20802	0.20116	0.14272	X	8.88639
D. C. BLEVINS	1.56250	0.23666	0.20802	0.20116	0.14272	X	8.88639
HENDRICK MEM HOSP	1.56250	0.23666	0.20802	0.20116	0.14272		0.00000
MORAN PARTNERSHIP	0.39557	0.05991	0.05266	0.05093	0.03613	X	2.24972
WISER OIL	1.56250	0.23666	0.20802	0.20116	0.14272	X	8.88639
	17.58307	2.66319	2.34084	2.26370	1.60600		73.34083

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
20	SHELL WESTERN E&P INC.	100.00000	4.52314	5.69895	8.72472	7.04307	X	100.00000
		100.00000	4.52314	5.69895	8.72472	7.04307		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
ARCO	6.25000	2.14284	2.72449	4.18029	3.39267		0.00000
ELLIOTT OIL	0.78125	0.26785	0.34056	0.52254	0.42408	X	6.25000
HAND TRUST, 101-3084	0.09766	0.03348	0.04257	0.06532	0.05301	X	0.78128
HAND TRUST, 1013068	0.09765	0.03348	0.04257	0.06531	0.05301	X	0.78120
H. HERRING	0.78125	0.26785	0.34056	0.52254	0.42408	X	6.25000
L. HERRING	0.19532	0.06697	0.08514	0.13064	0.10602	X	1.56256
R. HERRING	0.19531	0.06696	0.08514	0.13063	0.10602	X	1.56248
JETER	0.78125	0.26785	0.34056	0.52254	0.42408		0.00000
JONES	0.19531	0.06696	0.08514	0.13063	0.10602		0.00000
JONES ROBINSON	0.39063	0.13393	0.17028	0.26127	0.21204	X	3.12504
UNITED N. M. TRUST	1.17188	0.40178	0.51084	0.78381	0.63613	X	9.37504
S. H. LLOYD	0.19531	0.06696	0.08514	0.13063	0.10602	X	1.56248
SHRINERS	0.39062	0.13393	0.17028	0.26126	0.21204	X	3.12496
J. S. SULLIVAN TRUST, 101-3076	0.09766	0.03348	0.04257	0.06532	0.05301	X	0.78128
J. S. SULLIVAN TRUST, 101-3033	0.09765	0.03348	0.04257	0.06531	0.05301	X	0.78120
TENNECO	0.78125	0.26785	0.34056	0.52254	0.42408	X	6.25000
	12.50000	4.28568	5.44898	8.36058	6.78534		42.18752

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
21	A.Z. CONE	6.00000	0.10577	0.16047	0.23329	0.21025	X	6.00000
21	CHARLES L. COBB	0.25000	0.00441	0.00669	0.00972	0.00876	X	0.25000
21	FELMONT OIL CORP.	4.49220	0.07919	0.12015	0.17467	0.15741	X	4.49220
21	J. GARRISON	0.06250	0.00110	0.00167	0.00243	0.00219		0.00000
21	K.A.C. KECK	9.16666	0.16159	0.24517	0.35642	0.32122	X	9.16666
21	L. HOWARD	0.12500	0.00220	0.00334	0.00486	0.00438		0.00000
21	MARATHON	70.50780	1.24290	1.88578	2.74148	2.47071		0.00000
21	M. RIWINSKY	0.06250	0.00110	0.00167	0.00243	0.00219		0.00000
21	M.C. KASTMAN	4.16667	0.07345	0.11144	0.16201	0.14601	X	4.16667
21	O.W. MCWHORTER	0.25000	0.00441	0.00669	0.00972	0.00876	X	0.25000
21	P. SHELTON	0.37500	0.00661	0.01003	0.01458	0.01314		0.00000
21	S.E. CONE, JR.	4.54167	0.08006	0.12147	0.17659	0.15915	X	4.54167
		100.00000	1.76279	2.67457	3.88820	3.50417		28.86720

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
WELBORN	0.62500	0.08351	0.12786	0.18630	0.16880	X	6.93767
J. R. CONE	1.75781	0.23488	0.35961	0.52396	0.47474		0.00000
DUNCAN	0.07812	0.01044	0.01598	0.02329	0.02110	X	0.86715
H. E. CONE	0.78125	0.10439	0.15983	0.23287	0.21100		0.00000
CAMPBELL	0.15625	0.02088	0.03197	0.04657	0.04220	X	1.73442
HARMON	1.17187	0.15658	0.23974	0.34930	0.31649	X	13.00807
DANGLADE	0.39063	0.05220	0.07992	0.11644	0.10550	X	4.33610
A. Z. CONE	0.19531	0.02610	0.03996	0.05822	0.05275	X	2.16799
FULTON	0.19531	0.02610	0.03996	0.05822	0.05275	X	2.16799
S. E. CONE	0.13021	0.01740	0.02664	0.03881	0.03517	X	1.44537
SPEIGHT	0.39063	0.05220	0.07992	0.11644	0.10550	X	4.33610
RORSCHACH	0.19532	0.02610	0.03996	0.05822	0.05275	X	2.16810
J. W. GLASS	0.01831	0.00245	0.00375	0.00546	0.00495	X	0.20325
KECK	0.91146	0.12179	0.18647	0.27168	0.24616	X	10.11745
S. WOLFSON	0.07812	0.01044	0.01598	0.02329	0.02110	X	0.86715
R. WOLFSON	0.07813	0.01044	0.01598	0.02329	0.02110	X	0.86726
KASTMAN	1.10677	0.14789	0.22642	0.32990	0.29891	X	12.28545
PENN BANK	0.07324	0.00979	0.01498	0.02183	0.01978		0.00000
RHONE	0.15625	0.02088	0.03197	0.04657	0.04220		0.00000
G. EAGER	0.09766	0.01305	0.01998	0.02911	0.02638	X	1.08405
M. R. EAGER	0.09765	0.01305	0.01998	0.02911	0.02637	X	1.08394
D. M. PHILLIPS	0.01464	0.00196	0.00300	0.00436	0.00395	X	0.16251
J. W. PHILLIPS	0.01465	0.00196	0.00300	0.00437	0.00396	X	0.16262
P. M. PHILLIPS	0.01465	0.00196	0.00300	0.00437	0.00396		0.00000
MARKMAN	0.19532	0.02610	0.03996	0.05822	0.05275	X	2.16810

BRADFIELD	0.01831	0.00245	0.00375	0.00546	0.00495	X	0.20325
P. D. PHILLIPS	0.01465	0.00196	0.00300	0.00437	0.00396	X	0.16262
W. D. PHILLIPS	0.01465	0.00196	0.00300	0.00437	0.00396	X	0.16262
J. W. GLASS, EXEC OF E. P. GLASS	0.03662	0.00489	0.00749	0.01092	0.00989	X	0.40649

	9.00879	1.20375	1.84302	2.68528	2.43305		69.10573

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
23	SHELL WESTERN E&P INC.	100.00000	4.20902	4.46072	7.61422	6.47776	X	100.00000
		100.00000	4.20902	4.46072	7.61422	6.47776		100.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
ARCO	6.25000	1.99402	2.13253	3.64821	3.12036		0.00000
ELLIOTT OIL HAND TRUST, 101-3084	0.78125	0.24925	0.26657	0.45603	0.39004	X	6.25000
HAND TRUST, 1013068	0.09766	0.03116	0.03332	0.05701	0.04876	X	0.78128
H. HERRING	0.09765	0.03115	0.03332	0.05700	0.04875	X	0.78120
L. HERRING	0.78125	0.24925	0.26657	0.45603	0.39004	X	6.25000
R. HERRING	0.19532	0.06232	0.06664	0.11401	0.09751	X	1.56256
JETER	0.19531	0.06231	0.06664	0.11401	0.09751	X	1.56248
JONES	0.78125	0.24925	0.26657	0.45603	0.39004		0.00000
JONES ROBINSON	0.19531	0.06231	0.06664	0.11401	0.09751		0.00000
UNITED N. M. TRUST	0.39063	0.12463	0.13328	0.22802	0.19502	X	3.12504
S. H. LLOYD	1.17188	0.37388	0.39985	0.68404	0.58507	X	9.37504
SHRINERS	0.19531	0.06231	0.06664	0.11401	0.09751	X	1.56248
J. S. SULLIVAN TRUST, 101-3076	0.39062	0.12462	0.13328	0.22801	0.19502	X	3.12496
J. S. SULLIVAN TRUST, 101-3033	0.09766	0.03116	0.03332	0.05701	0.04876	X	0.78128
TENNECO	0.09765	0.03115	0.03332	0.05700	0.04875	X	0.78120
	0.78125	0.24925	0.26657	0.45603	0.39004	X	6.25000
	12.50000	3.98805	4.26506	7.29643	6.24072		42.18752

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
24	DUER WAGNER JR.	17.43750	0.07223	0.48257	0.14354	0.63965	X	17.43750
24	DUER WAGNER, III	1.31250	0.00544	0.03632	0.01080	0.04815	X	1.31250
24	CHEVRON, USA, INC.(GULF OIL CORP.)	81.25000	0.33658	2.24855	0.66881	2.98045	X	81.25000
		100.00000	0.41425	2.76744	0.82315	3.66825		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT	
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)			
J. W. GLASS, JR.	0.01830	0.00057	0.00387	0.00115	0.00517	X	0.16732	
S. E. CONE	2.34865	0.07375	0.49717	0.14821	0.66401	X	21.47376	
KASTMAN	0.48830	0.01533	0.10337	0.03081	0.13805	X	4.46454	
J. R. CONE	2.30470	0.07237	0.48787	0.14543	0.65159		0.00000	
A. L. CONE	1.40630	0.04416	0.29769	0.08874	0.39759		0.00000	
SPEIGHT	0.78120	0.02453	0.16537	0.04930	0.22086	X	7.14253	
COBB	0.02930	0.00092	0.00620	0.00185	0.00828	X	0.26789	
MCWHORTER	0.02930	0.00092	0.00620	0.00185	0.00828	X	0.26789	
SHELTON	0.04390	0.00138	0.00929	0.00277	0.01241		0.00000	
WOODS	0.39060	0.01226	0.08268	0.02465	0.11043	X	3.57127	
FELMONT	0.56150	0.01763	0.11886	0.03543	0.15875	X	5.13381	
HOWARD	0.01470	0.00046	0.00311	0.00093	0.00416		0.00000	
PENN BANK	0.07320	0.00230	0.01550	0.00462	0.02070		0.00000	
BRADFIELD	0.01830	0.00057	0.00387	0.00115	0.00517	X	0.16732	
KECK	1.52345	0.04784	0.32249	0.09614	0.43071	X	13.92894	
D. M. PHILLIPS	0.01470	0.00046	0.00311	0.00093	0.00416	X	0.13440	
SCHWANECKE	0.39060	0.01226	0.08268	0.02465	0.11043	X	3.57127	
J. W. PHILLIPS	0.01470	0.00046	0.00311	0.00093	0.00416	X	0.13440	
P. M. PHILLIPS	0.01460	0.00046	0.00309	0.00092	0.00413		0.00000	
PETERSON	0.39060	0.01226	0.08268	0.02465	0.11043	X	3.57127	
GARRISON	0.00730	0.00023	0.00155	0.00046	0.00206		0.00000	
R. M. PHILLIPS ESTATE	0.01460	0.00046	0.00309	0.00092	0.00413	X	0.13349	
J. W. GLASS SPEC	0.01830	0.00057	0.00387	0.00115	0.00517	X	0.16732	
J. W. GLASS, JR., TRUSTEE	0.01830	0.00057	0.00387	0.00115	0.00517	X	0.16732	
P. D. PHILLIPS TRUST	0.01460	0.00046	0.00309	0.00092	0.00413	X	0.13349	
T. W. SCHNAUBERT	0.00730	0.00023	0.00155	0.00046	0.00206	X	0.06674	
		10.93730	0.34343	2.31525	0.69018	3.09221		64.66495

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	OIL		GAS		RATIFIED?	RATIFICATIONS % OF TRACT
			PHASE 1 (%)	PHASE 2 (%)	PHASE 1 (%)	PHASE 2 (%)		
25B	TEXACO, INC. (GETTY OIL)	43.75000	0.78027	0.66281	1.04637	0.76540	X	43.75000
25B	DEVON CORPORATION	30.65625	0.54675	0.46444	0.73321	0.53632		0.00000
25B	DEVON-SMEDVIG	25.59375	0.45646	0.38774	0.61213	0.44776		0.00000
		100.00000	1.78348	1.51499	2.39171	1.74948		43.75000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	OIL		GAS		RATIFIED?	RATIFICATIONS % OF TRACT
		PHASE 1 (%)	PHASE 2 (%)	PHASE 1 (%)	PHASE 2 (%)		
J. MARKHAM	0.71947	0.09726	0.08337	0.13192	0.09701	X	5.75576
J. I. MARKHAM	0.06378	0.00862	0.00739	0.01169	0.00860	X	0.51024
BYERS	0.17857	0.02414	0.02069	0.03274	0.02408	X	1.42856
MOBERLY	0.22321	0.03018	0.02587	0.04093	0.03010	X	1.78568
C. B. MARKHAM	0.06378	0.00862	0.00739	0.01169	0.00860	X	0.51024
B. J. MARKHAM	0.06378	0.00862	0.00739	0.01169	0.00860	X	0.51024
D. L. HANNIFIN	0.07441	0.01006	0.00862	0.01364	0.01003		0.00000
UNITED N.M. TRUST	0.66964	0.09053	0.07760	0.12278	0.09029	X	5.35712
RATCLIFF	0.03189	0.00431	0.00370	0.00585	0.00430		0.00000
TEXACO	1.60714	0.21727	0.18624	0.29467	0.21670	X	12.85712
FIRST CITY NATL BANK	0.44643	0.06035	0.05173	0.08185	0.06020	X	3.57144
KOLLIKER	0.44644	0.06035	0.05173	0.08186	0.06020	X	3.57152
R. H. HANNIFIN	0.07441	0.01006	0.00862	0.01364	0.01003	X	0.59528
WYSOCKI	0.07441	0.01006	0.00862	0.01364	0.01003	X	0.59528
PROCTOR	0.06378	0.00862	0.00739	0.01169	0.00860	X	0.51024
ADKINS	0.07440	0.01006	0.00862	0.01364	0.01003	X	0.59520
MCCORMICK	0.07440	0.01006	0.00862	0.01364	0.01003		0.00000
ELLIOT OIL	1.33928	0.18105	0.15520	0.24556	0.18058	X	10.71424
SHRINERS	0.22322	0.03018	0.02587	0.04093	0.03010	X	1.78576
CLEVELAND	0.44643	0.06035	0.05173	0.08185	0.06020	X	3.57144
WELBORN	0.11161	0.01509	0.01293	0.02046	0.01505	X	0.89288
D. A. COPPEDGE	0.02791	0.00377	0.00323	0.00512	0.00376	X	0.22328
J. E. MOORE	0.05580	0.00754	0.00647	0.01023	0.00752	X	0.44640
STORM	0.11161	0.01509	0.01293	0.02046	0.01505	X	0.89288
S. WOLFSON	0.19949	0.02697	0.02312	0.03658	0.02690	X	1.59592
J. T. COPPEDGE	0.02791	0.00377	0.00323	0.00512	0.00376	X	0.22328
N. L. MARKHAM	0.03188	0.00431	0.00369	0.00585	0.00430		0.00000
M. H. MOORE	0.05580	0.00754	0.00647	0.01023	0.00752		0.00000
WILLIAMSON	0.50223	0.06790	0.05820	0.09208	0.06772	X	4.01784
ANTHINE	0.50223	0.06790	0.05820	0.09208	0.06772		0.00000
WHEELER	0.05580	0.00754	0.00647	0.01023	0.00752		0.00000
RATCLIFF	0.06377	0.00862	0.00739	0.01169	0.00860	X	0.51016
COHN	0.19531	0.02640	0.02263	0.03581	0.02633	X	1.56248

LANDEN	0.05580	0.00754	0.00647	0.01023	0.00752		0.00000
DOTSON	0.44643	0.06035	0.05173	0.08185	0.06020		0.00000
CHRISTMANN	0.22878	0.03093	0.02651	0.04195	0.03085	X	1.83024
SCHULER	0.44643	0.06035	0.05173	0.08185	0.06020	X	3.57144
H. E. CONE	0.19531	0.02640	0.02263	0.03581	0.02633		0.00000
BARTON	1.11607	0.15088	0.12933	0.20463	0.15049	X	8.92856
M. J. MCHORTER	0.05580	0.00754	0.00647	0.01023	0.00752	X	0.44640
B. W. MCHORTER	0.05581	0.00754	0.00647	0.01023	0.00753	X	0.44648
H. M. MOBERLY	0.22322	0.03018	0.02587	0.04093	0.03010	X	1.78576
ALLISON	0.05580	0.00754	0.00647	0.01023	0.00752		0.00000
VOELKER	0.07440	0.01006	0.00862	0.01364	0.01003	X	0.59520
R. I. WOLFSON	0.19950	0.02697	0.02312	0.03658	0.02690	X	1.59600
FT. WORTH NATL BANK	0.44643	0.06035	0.05173	0.08185	0.06020	X	3.57144
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	12.50000	1.68985	1.44854	2.29189	1.68546		87.36200

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
25TD	TEXACO, INC. (GETTY OIL)	100.00000	0.57093	0.92379	0.35812	0.74499	X	100.00000
		100.00000	0.57093	0.92379	0.35812	0.74499		100.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
J. MARKHAM	0.71947	0.03114	0.05084	0.01975	0.04131	X	5.75576
J. I. MARKHAM	0.06378	0.00276	0.00451	0.00175	0.00366	X	0.51024
BYERS	0.17857	0.00773	0.01262	0.00490	0.01025	X	1.42856
MOBERLY	0.22321	0.00966	0.01577	0.00613	0.01282	X	1.78568
C. B. MARKHAM	0.06378	0.00276	0.00451	0.00175	0.00366	X	0.51024
B. J. MARKHAM	0.06378	0.00276	0.00451	0.00175	0.00366	X	0.51024
D. L. HANNIFIN	0.07441	0.00322	0.00526	0.00204	0.00427		0.00000
UNITED N.M. TRUST	0.66964	0.02898	0.04732	0.01838	0.03845	X	5.35712
RATCLIFF	0.03189	0.00138	0.00225	0.00088	0.00183		0.00000
TEXACO	1.60714	0.06955	0.11356	0.04412	0.09228	X	12.95712
FIRST CITY NATL BANK	0.44643	0.01932	0.03155	0.01226	0.02563	X	3.57144
KOLLIKER	0.44644	0.01932	0.03155	0.01226	0.02563	X	3.57152
R. H. HANNIFIN	0.07441	0.00322	0.00526	0.00204	0.00427	X	0.59528
WYGOCKI	0.07441	0.00322	0.00526	0.00204	0.00427	X	0.59528
PROCTOR	0.06378	0.00276	0.00451	0.00175	0.00366	X	0.51024
ADKINS	0.07440	0.00322	0.00526	0.00204	0.00427	X	0.59520
MCCORMICK	0.07440	0.00322	0.00526	0.00204	0.00427		0.00000
ELLIOT OIL	1.33928	0.05796	0.09464	0.03677	0.07690	X	10.71424
SHRINERS	0.22322	0.00966	0.01577	0.00613	0.01282	X	1.78576
CLEVELAND	0.44643	0.01932	0.03155	0.01226	0.02563	X	3.57144
WELBORN	0.11161	0.00483	0.00789	0.00306	0.00641	X	0.89288
D. A. COPPEDGE	0.02791	0.00121	0.00197	0.00077	0.00160	X	0.22328
J. E. MOORE	0.05580	0.00241	0.00394	0.00153	0.00320	X	0.44640
STORM	0.11161	0.00483	0.00789	0.00306	0.00641	X	0.89288
S. WOLFSON	0.19949	0.00863	0.01410	0.00548	0.01145	X	1.59592
J. T. COPPEDGE	0.02791	0.00121	0.00197	0.00077	0.00160	X	0.22328
N. L. MARKHAM	0.03188	0.00138	0.00225	0.00088	0.00183		0.00000
M. H. MOORE	0.05580	0.00241	0.00394	0.00153	0.00320		0.00000
WILLIAMSON	0.50223	0.02173	0.03549	0.01379	0.02884	X	4.01784
ANTWINE	0.50223	0.02173	0.03549	0.01379	0.02884		0.00000
WHEELER	0.05580	0.00241	0.00394	0.00153	0.00320		0.00000
RATCLIFF	0.06377	0.00276	0.00451	0.00175	0.00366	X	0.51016
COHN	0.19531	0.00845	0.01380	0.00536	0.01121	X	1.56248
LANDEN	0.05580	0.00241	0.00394	0.00153	0.00320		0.00000
DOTSON	0.44643	0.01932	0.03155	0.01226	0.02563		0.00000
CHRISTMANN	0.22878	0.00990	0.01617	0.00628	0.01314	X	1.93024

SCHULER	0.44643	0.01932	0.03155	0.01226	0.02563	X	3.57144
H. E. CONE	0.19531	0.00845	0.01380	0.00536	0.01121		0.00000
BARTON	1.11607	0.04830	0.07886	0.03064	0.05408	X	8.92856
M. J. MCWHORTER	0.05580	0.00241	0.00394	0.00153	0.00320	X	0.44640
B. W. MCWHORTER	0.05581	0.00242	0.00394	0.00153	0.00320	X	0.44648
H. M. MOBERLY	0.22322	0.00966	0.01577	0.00613	0.01282	X	1.78576
ALLISON	0.05580	0.00241	0.00394	0.00153	0.00320		0.00000
VDELKER	0.07440	0.00322	0.00526	0.00204	0.00427	X	0.59520
R. I. WOLFSON	0.19950	0.00863	0.01410	0.00548	0.01145	X	1.59600
FT. WORTH NATL BANK	0.44643	0.01932	0.03155	0.01226	0.02563	X	3.57144
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	12.50000	0.54096	0.88327	0.34317	0.71773		87.36200

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	
26	ATLANTIC RICHFIELD CO.	100.00000	3.85080	1.94222	2.01104	1.87438	0.00000
		100.00000	3.85080	1.94222	2.01104	1.87438	0.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFICATIONS % OF TRACT	
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		RATIFIED?
COHN	0.19531	0.05701	0.02902	0.03011	0.02822	X	1.56248
J. E. MOORE	0.05580	0.01629	0.00829	0.00860	0.00806	X	0.44643
E. WHEELER	0.05580	0.01629	0.00829	0.00860	0.00806		0.00000
M. J. MCWHORTER	0.05580	0.01629	0.00829	0.00860	0.00806	X	0.44643
LANDEN	0.05580	0.01629	0.00829	0.00860	0.00806		0.00000
M. H. MOORE	0.05580	0.01629	0.00829	0.00860	0.00806		0.00000
ALLISON	0.05580	0.01629	0.00829	0.00860	0.00806		0.00000
D. A. COPPEDGE	0.02790	0.00814	0.00415	0.00430	0.00403	X	0.22321
J. T. COPPEDGE	0.02790	0.00814	0.00415	0.00430	0.00403	X	0.22321
B. W/ MCWHORTER	0.05580	0.01629	0.00829	0.00860	0.00806	X	0.44643
WILLIAMSON	0.50223	0.14660	0.07461	0.07743	0.07255	X	4.01784
ANTWINE	0.50223	0.14660	0.07461	0.07743	0.07255		0.00000
BARTON	1.11607	0.32577	0.16581	0.17206	0.16123	X	8.92856
D. L. HANNIFIN	0.07441	0.02172	0.01105	0.01147	0.01075		0.00000
R. I. WOLFSON	0.19950	0.05823	0.02964	0.03076	0.02882	X	1.59600
KOLLIKER	0.44643	0.13031	0.06632	0.06883	0.06449	X	3.57144
B. J. MARKHAM	0.06378	0.01862	0.00947	0.00983	0.00921	X	0.51021
STORM	0.11161	0.03258	0.01658	0.01721	0.01612	X	0.89288
PROCTOR	0.06378	0.01862	0.00947	0.00983	0.00921	X	0.51021
C. B. MARKHAM	0.06378	0.01862	0.00947	0.00983	0.00921	X	0.51021
RATCLIFF	0.06378	0.01862	0.00947	0.00983	0.00921	X	0.51020
BYERS	0.17857	0.05212	0.02653	0.02753	0.02580	X	1.42856
G. A. MOBERLY	0.22321	0.06515	0.03316	0.03441	0.03225	X	1.78568
K. MCCORMICK	0.07441	0.02172	0.01105	0.01147	0.01075		0.00000
WYGOCKI	0.07441	0.02172	0.01105	0.01147	0.01075	X	0.59524
ADKINS	0.07441	0.02172	0.01105	0.01147	0.01075	X	0.59524
FT WORTH NATL BANK	0.44643	0.13031	0.06632	0.06883	0.06449		0.00000
CHRISTMANN	0.22879	0.06678	0.03399	0.03527	0.03305	X	1.83032
ELLIOTT OIL	1.33929	0.39093	0.19897	0.20648	0.19348	X	10.71432
UNITED N. M. TRUST	0.66965	0.19546	0.09948	0.10324	0.09674	X	5.35720
JACJ MARKHAM	0.71947	0.21001	0.10689	0.11092	0.10394	X	5.75572
H. MOBERLY	0.22322	0.06516	0.03316	0.03441	0.03225	X	1.78576
SCHULER	0.44643	0.13031	0.06632	0.06883	0.06449	X	3.57144
SHRINERS	0.22321	0.06515	0.03316	0.03441	0.03225	X	1.78568
TEXACO	1.60714	0.46911	0.23876	0.24777	0.23217	X	12.85712
WELBORN	0.11161	0.03258	0.01658	0.01721	0.01612	X	0.89288

S. WOLFSON	0.19949	0.05823	0.02964	0.03076	0.02882	X	1.59592
DOTSON	0.44643	0.13031	0.06632	0.06883	0.06449		0.00000
JOHN MARKHAM	0.06378	0.01862	0.00947	0.00983	0.00921	X	0.51022
CLEVELAND	0.44643	0.13031	0.06632	0.06883	0.06449	X	3.57144
FIRST CITY NATL BANK	0.44643	0.13031	0.06632	0.06883	0.06449	X	3.57144
H. E. CONE	0.19531	0.05701	0.02902	0.03011	0.02822		0.00000
R. H. HANNIFIN	0.07441	0.02172	0.01105	0.01147	0.01075	X	0.59524
VOELKER	0.07441	0.02172	0.01105	0.01147	0.01075	X	0.59524
WHITE	0.06378	0.01862	0.00947	0.00983	0.00921	X	0.51020
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	12.50000	3.64863	1.85703	1.92711	1.80579		84.30059

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
27	BISON PETROLEUM	100.00000	0.26813	0.32735	0.11769	0.67670		0.00000
		100.00000	0.26813	0.32735	0.11769	0.67670		0.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
ANTWINE	2.73437	0.05557	0.06847	0.02467	0.14261		0.00000
B. BLACKMAR	0.78125	0.01588	0.01956	0.00705	0.04075	X	6.25000
D. E. BLACKMAR	0.78125	0.01588	0.01956	0.00705	0.04075		0.00000
R. A. BLACKMAR	0.78125	0.01588	0.01956	0.00705	0.04075	X	6.25000
CHRISTMANN	0.11719	0.00238	0.00293	0.00106	0.00611	X	0.93752
H. E. CONE	0.19531	0.00397	0.00489	0.00176	0.01019		0.00000
JOHNSON ENT. LIM PARTNERSHIP	2.08333	0.04234	0.05217	0.01880	0.10866	X	16.66664
TESTAMENTARY	1.04167	0.02117	0.02608	0.00940	0.05433	X	8.33336
LOMBARD	0.78125	0.01588	0.01956	0.00705	0.04075	X	6.25000
JACK MARKHAM	0.09766	0.00198	0.00245	0.00088	0.00509	X	0.78128
MCBEE	0.19531	0.00397	0.00489	0.00176	0.01019		0.00000
WILLIAMSON	2.73438	0.05557	0.06847	0.02467	0.14261	X	21.87504
R. I. WOLFSON	0.08789	0.00179	0.00220	0.00079	0.00458	X	0.70312
S. WOLFSON	0.08789	0.00179	0.00220	0.00079	0.00458	X	0.70312
	12.50000	0.25405	0.31299	0.11278	0.65194		68.75008

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
28	SHELL WESTERN E&P INC.	100.00000	4.56184	6.20883	14.43398	12.40280	X	100.00000
		100.00000	4.56184	6.20883	14.43398	12.40280		100.00000

	ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
BARBY		0.07813	0.02702	0.03711	0.08645	0.07469	X	0.62504
N.M. BANK		0.07812	0.02701	0.03710	0.08644	0.07468		0.00000
R. G. BARTON, JR		0.07813	0.02702	0.03711	0.08645	0.07469	X	0.62504
R. G. BARTON, JR., TRUSTEE		0.62500	0.21612	0.29682	0.69158	0.59745	X	5.00000
BROWN		1.05469	0.36470	0.50089	1.16704	1.00819	X	8.43752
B. A. CHRISTMAS, JR.		0.97656	0.33768	0.46379	1.08059	0.93351	X	7.81248
BRADFORD ACE CHRISTMAS		0.07813	0.02702	0.03711	0.08645	0.07469	X	0.62504
C. CHRISTMAS		0.07812	0.02701	0.03710	0.08644	0.07468	X	0.62496
J. R. CONE		0.39193	0.13552	0.18614	0.43368	0.37465		0.00000
COWDEN		0.78125	0.27015	0.37103	0.86447	0.74681	X	6.25000
CROW		2.34375	0.81044	1.11309	2.59342	2.24043	X	18.75000
DANGLADE		0.39062	0.13507	0.18551	0.43223	0.37340	X	3.12496
DANIEL		0.05689	0.01967	0.02702	0.06295	0.05438	X	0.45512
G. DODD		0.03792	0.01311	0.01801	0.04196	0.03625	X	0.30336
M. S. DODD		0.03792	0.01311	0.01801	0.04196	0.03625	X	0.30336
FIRST NATL, S. DODD TRUSTS		0.03792	0.01311	0.01801	0.04196	0.03625	X	0.30336
FAIRWAY OIL		0.29297	0.10131	0.13914	0.32418	0.28005		0.00000
HANAHO		0.29296	0.10130	0.13913	0.32417	0.28004		0.00000
J. H. HERD		0.32552	0.11256	0.15460	0.36020	0.31117	X	2.60416
HOLLADAY		0.07812	0.02701	0.03710	0.08644	0.07468	X	0.62496
A. JONES		0.22754	0.07868	0.10806	0.25178	0.21751	X	1.82032
FIRST NATL, B. JONES TRUST		0.02844	0.00983	0.01351	0.03147	0.02719	X	0.22752
FIRST NATL, D. JONES TRUST		0.02844	0.00983	0.01351	0.03147	0.02719		0.00000
KASTMAN		0.39063	0.13507	0.18552	0.43224	0.37341	X	3.12504
M. L. MAHON		0.45508	0.15736	0.21613	0.50356	0.43502	X	3.64064
B. J. MARKHAM		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.44640
C. B. MARKHAM, JR.		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.44640
JACK MARKHAM		1.29280	0.44703	0.61398	1.43051	1.23581	X	10.34240
JOHN MARKHAM		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.44640
PETERSON		0.19532	0.06754	0.09276	0.21613	0.18671	X	1.56256
PROCTOR		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.44640
RATCLIFF		0.05581	0.01930	0.02651	0.06176	0.05335	X	0.44648
SPEIGHT		0.39063	0.13507	0.18552	0.43224	0.37341	X	3.12504
WELBORN		1.04166	0.36019	0.49470	1.15262	0.99574	X	8.33328
WHITE		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.44640
		12.50000	4.32234	5.93650	13.83155	11.94894		91.32464

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
29	SHELL WESTERN E&P INC.	100.00000	4.88116	4.52729	5.04616	5.32927	X	100.00000
		100.00000	4.88116	4.52729	5.04616	5.32927		100.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFIED?	RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
INTERFIRST BANK DALLAS N. A., ESCROW	12.50000	4.62490	4.32871	4.83555	5.13425	X	100.00000
	12.50000	4.62490	4.32871	4.83555	5.13425		100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFICATIONS % OF TRACT
			OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	
30	ARCO OIL & GAS CO.	100.00000	3.70330	3.06139	5.34473	4.60925	0.00000
		100.00000	3.70330	3.06139	5.34473	4.60925	0.00000

ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	UNIT PARTICIPATIONS				RATIFICATIONS % OF TRACT
		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	
INTERFIRST BANK DALLAS N. A., ESCROW	12.50000	3.50888	2.92711	5.12166	4.44058	X 100.00000
	12.50000	3.50888	2.92711	5.12166	4.44058	100.00000

UNIT PARTICIPATIONS

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
31	BISON PETROLEUM	100.00000	0.00725	0.49429	0.00778	0.58831		0.00000
		100.00000	0.00725	0.49429	0.00778	0.58831		0.00000

ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		
BRYAN	0.29762	0.00016	0.01125	0.00018	0.01349		0.00000
CLARK	0.16234	0.00009	0.00614	0.00010	0.00736	X	1.29872
A. M. DONAWAY	0.16233	0.00009	0.00614	0.00010	0.00736	X	1.29864
G. DONAWAY	0.16235	0.00009	0.00614	0.00010	0.00736	X	1.29880
H. DONAWAY	0.16235	0.00009	0.00614	0.00010	0.00736	X	1.29880
M. DONAWAY	0.16235	0.00009	0.00614	0.00010	0.00736	X	1.29880
S. DONOHUE	0.29762	0.00016	0.01125	0.00018	0.01349		0.00000
DUFFIELD	1.78571	0.00098	0.06752	0.00107	0.08097	X	14.28568
EVANS	0.29762	0.00016	0.01125	0.00018	0.01349	X	2.38096
GRAVES	0.29762	0.00016	0.01125	0.00018	0.01349	X	2.38096
GRAVES, TRUSTEE	0.29762	0.00016	0.01125	0.00018	0.01349	X	2.38096
HALE	0.16233	0.00009	0.00614	0.00010	0.00736		0.00000
HAZELWOOD	0.16233	0.00009	0.00614	0.00010	0.00736	X	1.29864
IVIE	0.16233	0.00009	0.00614	0.00010	0.00736	X	1.29864
MCCLESKEY	0.16234	0.00009	0.00614	0.00010	0.00736	X	1.29872
MCKINLEY	1.78572	0.00098	0.06752	0.00107	0.08097		0.00000
PERRINE	0.16233	0.00009	0.00614	0.00010	0.00736	X	1.29864
REESE	0.16233	0.00009	0.00614	0.00010	0.00736	X	1.29864
D. E. STEPHENS	1.78571	0.00098	0.06752	0.00107	0.08097	X	14.28568
E. M. STEPHENS	0.74406	0.00041	0.02813	0.00044	0.03374		0.00000
F. M. STEPHENS, JR	0.33482	0.00018	0.01266	0.00020	0.01518	X	2.67856
G. C. STEPHENS	1.78571	0.00098	0.06752	0.00107	0.08097	X	14.28568
W. C. STEPHENS	0.33482	0.00018	0.01266	0.00020	0.01518		0.00000
W. D. STEPHENS	0.33482	0.00018	0.01266	0.00020	0.01518		0.00000
TOUSSAINT	0.33482	0.00018	0.01266	0.00020	0.01518	X	2.67856
	12.50000	0.00687	0.47261	0.00746	0.56678		68.34408

Northeast Drinkard Unit
Exhibit Eleven
Cases 9230
9231
9232

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

~~ATTEST:~~

Date 9/9/87

Exxon Corporation
By [Signature]
GENERAL MANAGER
EXXON COMPANY, U.S.A. (A DIV. OF EXXON CORPORATION), AGENT AND ATTORNEY IN FACT
Address P. O. Box 1700

Midland, TX 79702-1700

Div. Ldmn. [Signature]
Div. Engr. [Signature]
Div. Acct. [Signature]
Div. Law [Signature]

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this
9th day of September, 1987, by Dan Mendell, III, Agent
and Attorney-in-Fact of The EXXON CORPORATION, on behalf of said
Corporation.

Witness my hand and official seal.

My commission expires:

HELEN J. HOWARD
Notary Public, State of Texas
My Commission Expires 8/29/91

Helen J. Howard
Notary Public in and for
Midland County, Texas

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the 26 day of MAY, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

McLennan Hall

Date 5-26-87

THE MORAN PARTNERSHIP

By Brenda Anne Moran

Address P. O. Box 1919

Hobbs, NM 88241

85-0301234

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF New Mexico :
COUNTY OF LEA :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

BEFORE ME, the undersigned authority, on this day personally appeared Brenda Anne Maxwell, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 26 day of MAY, 1987.

My Commission Expires: 2-9-91

NEOEN L. Hall
Notary Public in and for said County and State,
Residing at Bravo Energy, P.O. 1919, Hobbs, NM

STATE OF _____ :
COUNTY OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :
COUNTY OF _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

[Signature]

Date Sept. 10, 1987

ANN W. MORRIS

By *[Signature]*

Address 2865 Macvicar

Topeka, KS 66611

SS# 459-56-2580

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF KANSAS :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF SHAWNEE :

BEFORE ME, the undersigned authority, on this day personally appeared Ann W. Morris, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 10th day of Sept., 1987.

My Commission Expires: 6-24-89



Gaila Traylor
Notary Public in and for said County and State,
Residing at 4710 W 33 Ter
Topeka KS 66614

STATE OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

K-S Merrick

Date SEP 8 1987

MARATHON OIL COMPANY

By J F Strong

Address P. O. Box 552

Midland, TX 79702

APPROVED AS
TO FORM
WASH

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF _____:

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State, Residing at _____

STATE OF _____:

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State, Residing at _____

STATE OF TEXAS:

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF MIDLAND:

BEFORE ME, the undersigned authority, on this day personally appeared J.F. Strong, known to me to be the person who executed the foregoing instrument as Production Manager of Marathon Oil Company, an Ohio corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 8th day of Sept., 1987.

My Commission Expires: 6-13-89

Sharla McDaniel
Notary Public in and for said County and State,
Residing at Midland, Texas
Sharla McDaniel

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Date _____

AMOCO PRODUCTION COMPANY
By *[Signature]*
Address 501 West Lake Park Blvd.
P. O. Box 3092
Houston, TX 77253

APPROVE
[Signature]

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF _____:

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____:

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF Texas:

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF Harris:

BEFORE ME, the undersigned authority, on this day personally appeared R.A. Shepard, known to me to be the person who executed the foregoing instrument as Attorney in Fact of Amoco Products Company, a Delaware corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 20th day of August, 1987.

My Commission Expires: 2-4-90

Jane Ann Perry
Notary Public in and for said County and State,
Residing at Harris County, Texas

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

CITIES SERVICE OIL AND GAS CORPORATION

ATTEST:

By Bryan B. Roberts *cc*
Bryan B. Roberts, Attorney-in-Fact
Address P. O. Box 300

Date August 13, 1987

Tulsa, OK 74102

STATE OF OKLAHOMA)
)
COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged before me this 13th day of August, 1987, by Bryan B. Roberts, as Attorney-in-Fact, on behalf of CITIES SERVICE OIL AND GAS CORPORATION, a Delaware corporation.

My Commission Expires:
Oct 15 1989

Anna May Cox
Anna May Cox, Notary Public

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

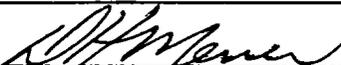
NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Date _____

CHEVRON U.S.A. INC.

By 

ASSISTANT SECRETARY

Address P. O. Box ~~1550~~ 1150

Midland, TX 79702

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF _____:

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____:

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF TEXAS _____:

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF MIDLAND _____:

BEFORE ME, the undersigned authority, on this day personally appeared D. H. MESSER, known to me to be the person who executed the foregoing instrument as ASSISTANT SECRETARY of CHEVRON U.S.A. INC., a Pennsylvania corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 10th day of AUGUST, 1987.

My Commission Expires: 11-30-88
BETTY GULLEDGE-Notary Public
In and for the State of Texas
My Commission Expires _____

Betty Gullledge

Notary Public in and for said County and State,
Residing at Midland, Texas

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

William W. Baker

Date August 6, 1987

CONOCO INC.
By [Signature]
Address P. O. Box 460
Hobbs, NM 88240

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF _____:

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____:

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF NM:

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF Lea:

BEFORE ME, the undersigned authority, on this day personally appeared R.E. Irelen, known to me to be the person who executed the foregoing instrument as Attorney in Fact of Conoco, a Delaware corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 6th day of August, 1987.

My Commission Expires: 12-9-90

Bernice Holmes
Notary Public in and for said County and State,
Residing at Albuquerque, NM

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

[Signature]
Date 7-1-87

DUER WAGNER, III
By *[Signature]*
Address 1420 Continental Plaza
777 Main
Fort Worth, TX 76012

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF TEXAS :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF TARRANT :

BEFORE ME, the undersigned authority, on this day personally appeared DUEN WAGNER III, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 24 day of July, 1987.

My Commission Expires: 3/12/88

Glenda King
Notary Public in and for said County and State,
Residing at Burton County Texas
Glenda King

STATE OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

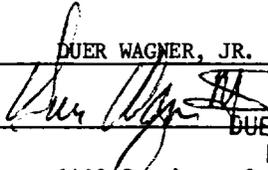
IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:



Date 7-1-87

DUER WAGNER, JR.

By 
DUER WAGNER III, AGENT AND ATTORNEY
IN-FACT FOR DUER WAGNER, JR.
Address 1420 Continental Plaza
777 Main

Fort Worth, TX 76012

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF TEXAS :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF TARRANT :

Dave Wagner III, Attorney-in-fact of Deer Wagon, Jr.

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 24 day of July, 1987.

My Commission Expires: 3/12/88

Glenda King
Notary Public in and for said County and State,
Residing at Tarrant County, Texas
Glenda King

STATE OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the 17th day of July, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Sandra Hurman
Assistant Secretary
Date 7/17/87

FELMONT OIL CORPORATION
By Joe D. Miller
Joe D. Miller, Manager, Western Area
Address P. O. Box 2266

RM

Midland, TX 79702

TAX ID #13-1759179

T O B E C O M P L E T E D B Y N O T A R Y P U B L I C

STATE OF _____ :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF TEXAS _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF MIDLAND _____ :

BEFORE ME, the undersigned authority, on this day personally appeared Joe D. Miller, known to me to be the person who executed the foregoing instrument as Mgr., Western Area of Felmont Oil Corporation, a Delaware corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 17th day of July, 1987.

My Commission Expires: 8/5/88

Pamela Sledge - Pamela Sledge

Notary Public in and for said County and State,
Residing at Midland, Texas

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ~~22nd~~ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

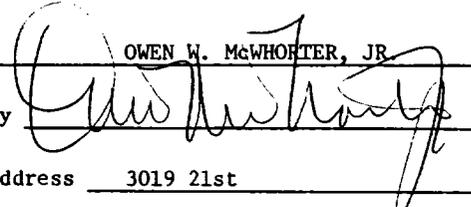
WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Date _____

OWEN W. McWHORTER, JR.
By 
Address 3019 21st
Lubbock, TX 79410

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the 17th day of July, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Sandra Hummer
Assistant Secretary
Date 7/17/87

FELMONT OIL CORPORATION
By Joe D. Miller
Joe D. Miller, Manager, Western Area
Address P. O. Box 2266

RM

Midland, TX 79702

TAX ID #13-1759179

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the 15th day of June, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

~~ADJUTANT~~ WITNESS:

Kerry D. Henderson

Date June 15, 1987

MARJORIE CONE KASTMAN

By Marjorie Cone Kastman

Address P. O. Box 5930

Lubbock, TX 79417-79408

T O B E C O M P L E T E D B Y N O T A R Y P U B L I C

STATE OF TEXAS :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF LUBBOCK :

Kastman

BEFORE ME, the undersigned authority, on this day personally appeared Marjorie Cone, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that ~~he~~ (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 15th day of June, 1987.

My Commission Expires: 3/17/91

Wanda L. Lash
Notary Public in and for said County and State,
Residing at 3813 41st Street

STATE OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Date _____

CHARLES L. COBB

By Charles L Cobb

Address 1722 Broadway St.

Lubbock, TX 79401-3014

443-09-3921

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF TEXAS :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF LUBBOCK :

BEFORE ME, the undersigned authority, on this day personally appeared Charles L. Cobb, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 26 day of May, 1987.

My Commission Expires: 3-12-88

Cynthia J. Harrison
Notary Public in and for said County and State,
Residing at 3521 57th Street
Lubbock County, Texas

STATE OF _____ :

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____ :

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF _____ :

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the ____ day of _____, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Louis Le de Winter

Date May 26 1987

KATHERINE ADELINE CONE KECK

By Katherine Adeline Cone Keck

Address 1801 Avenue of the Stars

Los Angeles, CA 90067

TO BE COMPLETED BY NOTARY PUBLIC

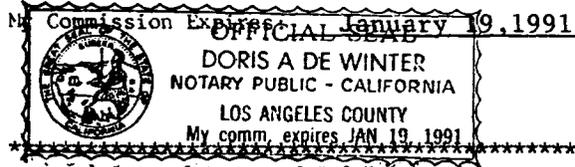
STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS.

INDIVIDUAL ACKNOWLEDGEMENT

BEFORE ME, the undersigned authority, on this day personally appeared KATHERINE CONE KECK known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 26th day of MAY, 1987.



Doris A de Winter

Notary Public in and for said County and State,
Residing at 14155 Magnolia Boulevard #307
Sherman Oaks, CA 91423

STATE OF _____
COUNTY OF _____

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____
COUNTY OF _____

SS.

CORPORATE ACKNOWLEDGEMENT

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

RATIFICATION
NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

WHEREAS, certain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Operating Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the 4th day of June, 1987, by various persons for conducting Unit Operations with respect to the "unitized formation" of the Drinkard Field, located in Lea County, New Mexico, as more particularly described in said agreements; and

WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map the boundary lines of the Unit Area and the Tracts therein; and by Exhibit "B-1" which in detail describes each Tract within the Unit Area; and

WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersigned (whether one or more), for and in consideration of the premises and the benefits anticipated to accrue under said agreements, does hereby ratify, confirm and agree to become a party to, with respect to all of the undersigned's interests in all of the separately owned Tracts identified in Exhibit "B-1", and to be bound by the provisions of, the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner, and the undersigned does hereby agree that the parties to said agreements are those persons signing the originals of said instruments, counterparts thereof, or other instrument agreeing to be bound by the provisions thereof, and does hereby acknowledge receipt of a counterpart of the said Unit Agreement, and also the said Unit Operating Agreement, if the undersigned is a Working Interest Owner.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Jimmy MacArthur

Date 6/4/87

BARBARA MORAN JERNIGAN

By Barbara Moran Jernigan

Address P. O. Box 368

Hobbs, NM 88240

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF New Mexico:
COUNTY OF Santa Fe:

SS.

INDIVIDUAL ACKNOWLEDGEMENT

BEFORE ME, the undersigned authority, on this day personally appeared Barbara Maria Jimenez known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 4th day of June, 1987.

My Commission Expires: 6-4-89

Naomi U. Moss
Notary Public in and for said County and State,
Residing at Albuquerque, NM

STATE OF _____:
COUNTY OF _____:

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____:
COUNTY OF _____:

SS.

CORPORATE ACKNOWLEDGEMENT

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF _____:

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____:

SS.

JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____ and _____, husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same as their free act and deed for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____

STATE OF _____:

SS.

CORPORATE ACKNOWLEDGEMENT

COUNTY OF _____:

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, a _____ corporation, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 1987.

My Commission Expires: _____

Notary Public in and for said County and State,
Residing at _____
