

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.

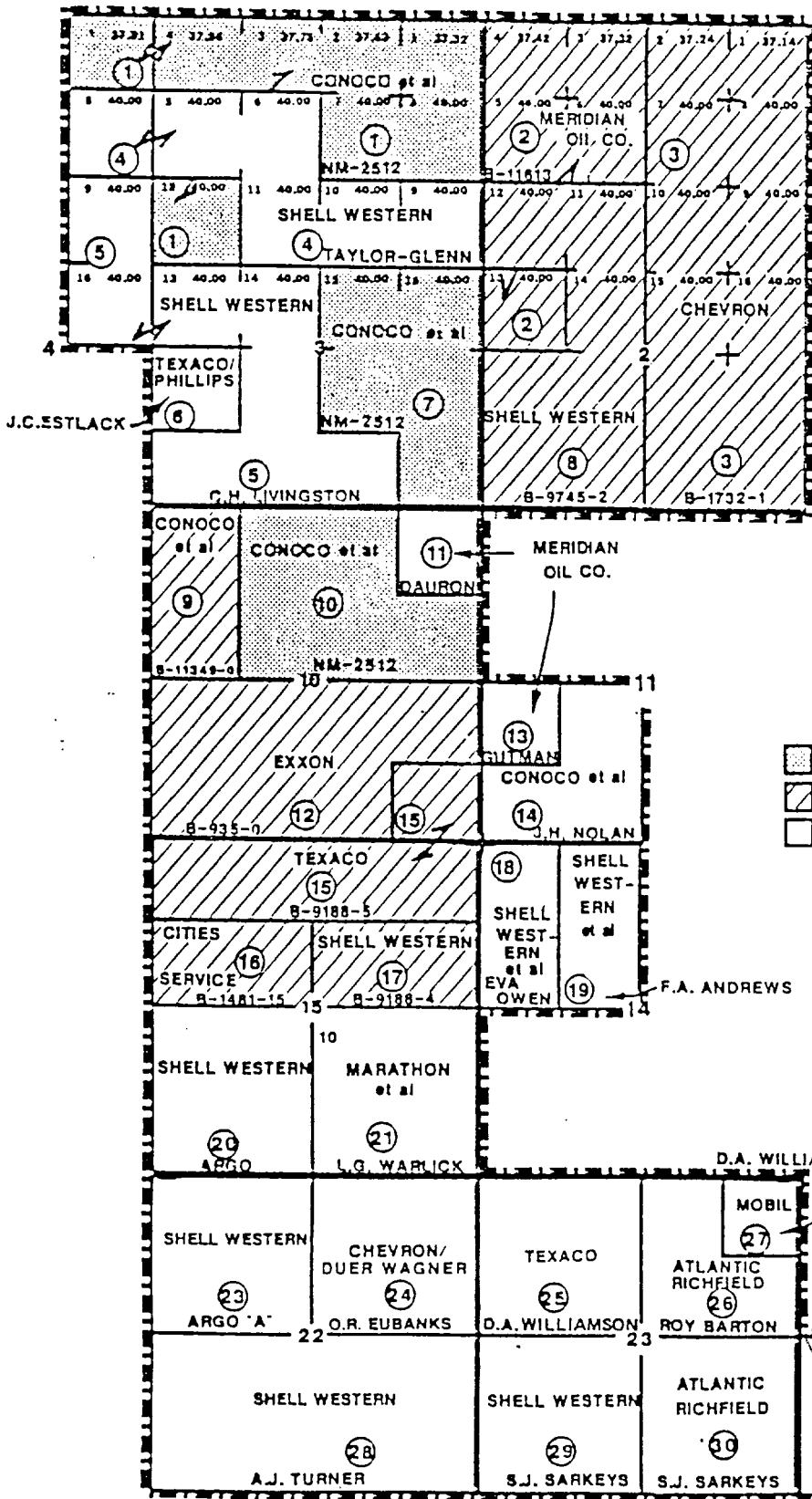


EXHIBIT "A"
NORTHEAST DRINKARD UNIT
LEA COUNTY, NEW MEXICO
SHELL WESTERN E & P INC., OPERATOR

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.

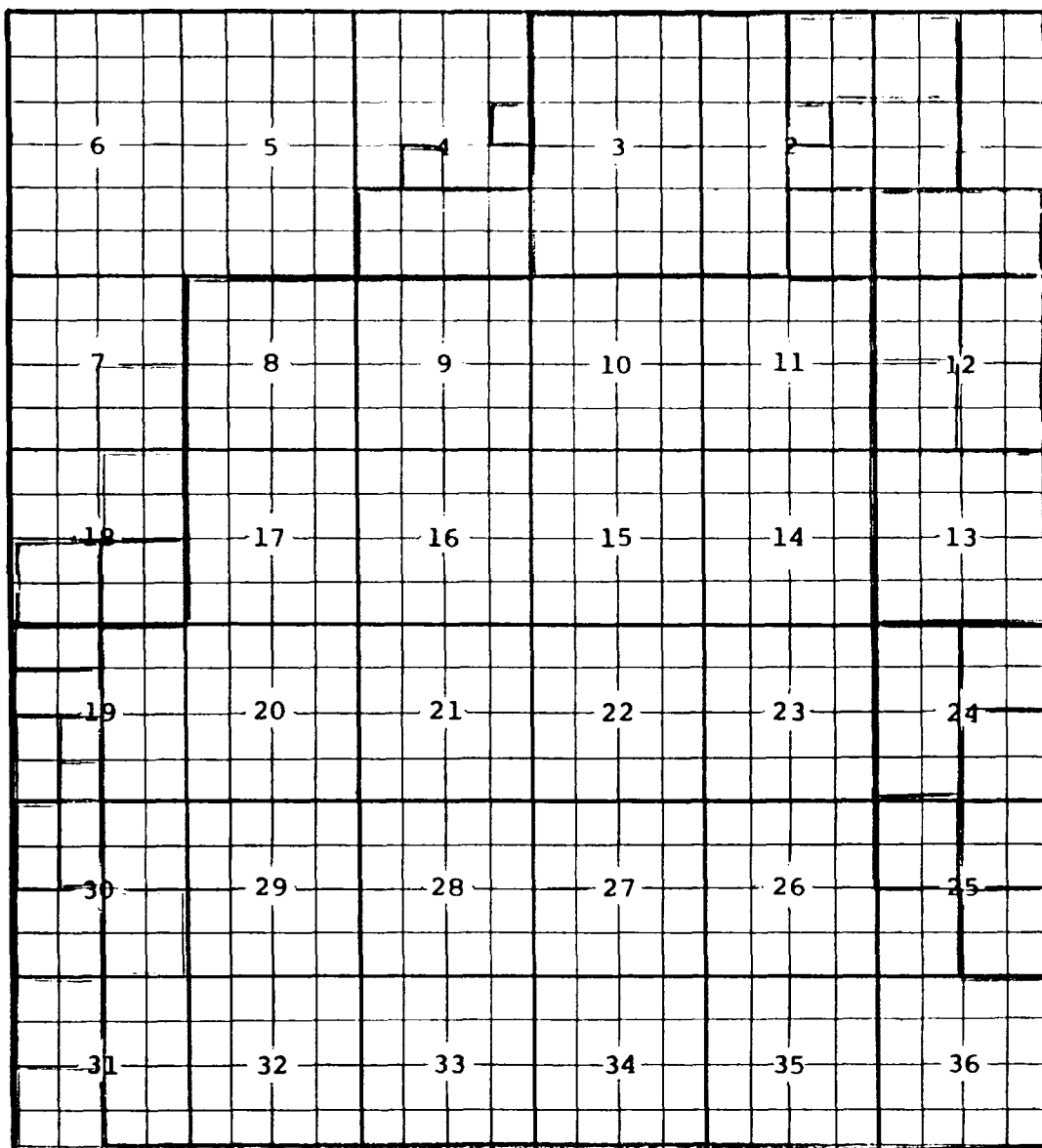
Lots 3, 4, 5, and 6 Sec. 1, Lots 1, 2, 7, and 8 (A-2554, 6-14-84)

Ext. $\frac{N}{4}$ Sec. 24 (A-2714, 11-2-84)

Ext. Lots 11, 12, 13, and 14 Sec. 1, Lots 9, 15, and 16 Sec. 2 (A-2842, 3-1-85)

COUNTY LeaPOOL DrinkardTOWNSHIP 21 SouthRANGE 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)

- $\frac{SE}{2}$ Sec. 4 (R-136) - All Sec. 13 (R-393) - $\frac{W}{2}$ Sec. 24 (R-511) - $\frac{NW}{4}$ Sec. 12 (R-1197-1-61)

- 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-2439, 2-1-64)

- $\frac{N}{4}$ $\frac{NW}{4}$ 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-3751, 5-1-69)

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

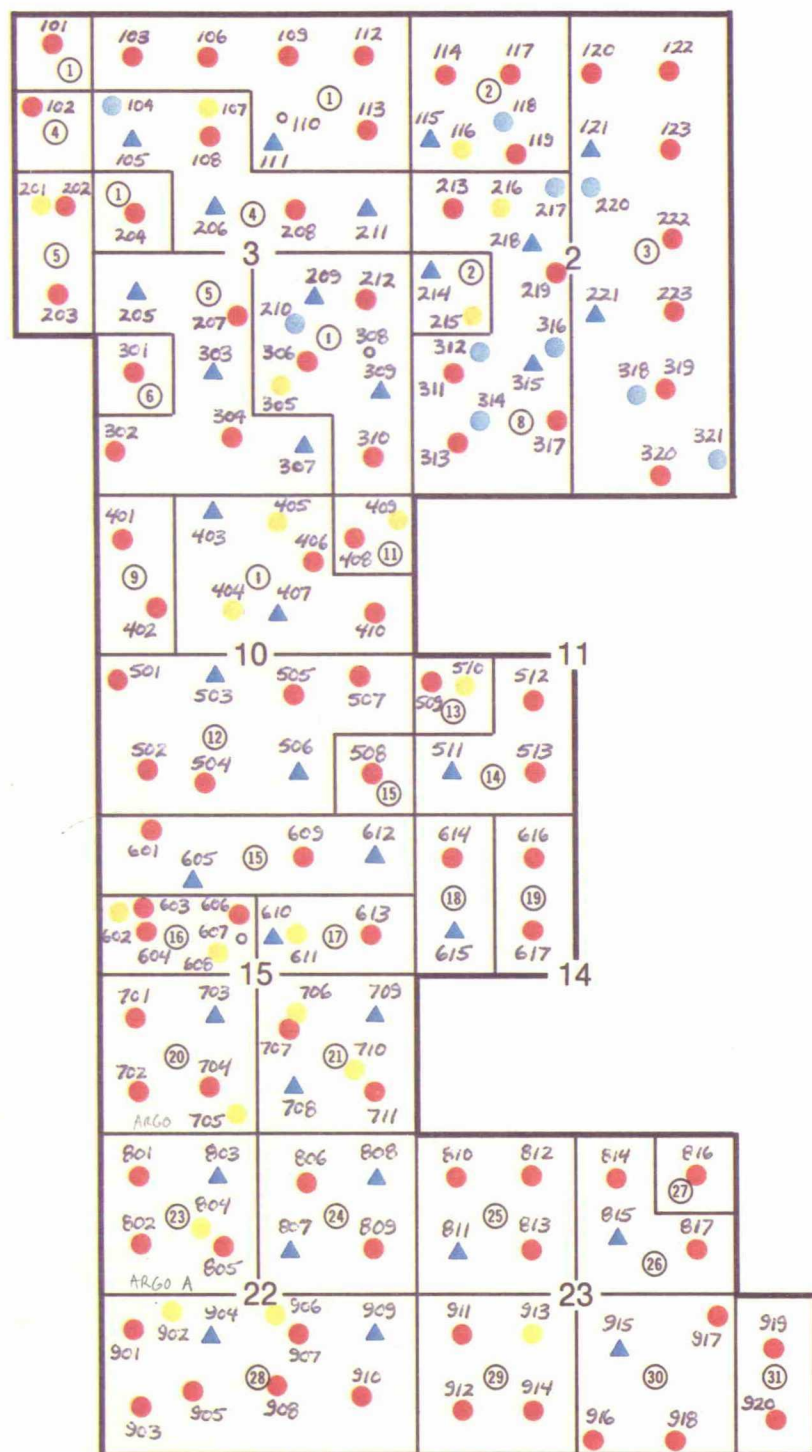
Ext: $\frac{SW}{4}$ Sec. 31 (R-4969, 4-1-75) Ext: $\frac{NW}{4}$ Sec. 31 (R-5115, 1-1-75)

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, 11-1-11)

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



1 MILE
 1/2 MILE
 SCALE

**PROPOSED NORTHEAST
 DRINKARD UNIT**

**WELLBORE UTILIZATION
 & INJECTION PATTERN**

COUNTY

Lea

POOL

Drinkard

TOWNSHIP

21 South

RANGE

36 East

NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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*

POOL Drinkard

TOWNSHIP 21 South

RANGE 38 East

NMPM

A 36x36 grid with numbers 1-36 in the top row and 1-36 in the first column. A red box highlights the top-left 4x4 area. A vertical line is drawn between columns 16 and 17, with the number 17 written vertically next to it.

Ext: Lots 11, 12, 13 & 14 ^{SW} Sec. 6 (R-3818, 9-1-69) EXT: NW/4 sec 7 (R-6923, 3-9-82)

COUNTY LeaTOWNSHIP 27 SouthRANGE 36 East

SECTION

6	5	4	3	2	
7	8	9	10	11	
18	17	16	15	14	13
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: $\frac{SW}{4}$ 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)

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and ending at the bottom left (36). A red path is drawn on the grid, starting at cell 18 and ending at cell 36. The path follows the following sequence of cells: 18, 17, 16, 21, 28, 27, 26, 35, 36.

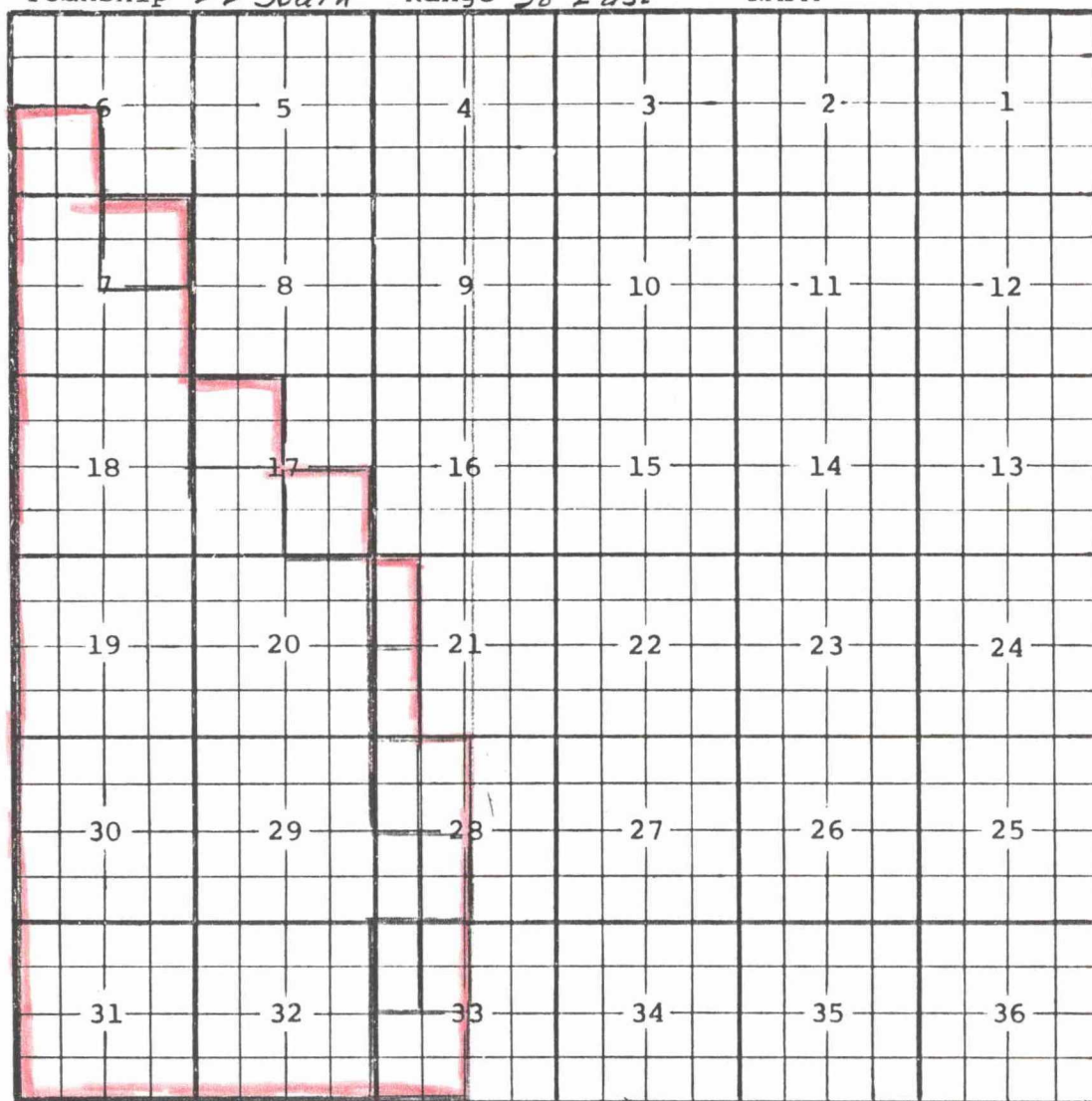
Ext. ^{SE} 1/4 Sec. 18 (R-5987 4-1-79)

County Lea

Pool

DrinkardTownship 22 SouthRange 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) - $\frac{SW}{4}$ 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) - $\frac{WNW}{2}$ $\frac{W}{4}$ Sec. 18 (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; $\frac{WNW}{2}$ $\frac{W}{4}$ Sec. 21;

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

COUNTY LeaPOOL DrinkardTOWNSHIP 23-SouthRANGE 38-East

NMFM

		3	2		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description: Secs. 5 & 6.Ext: $\frac{E}{2}$ Sec. 7 (R-3455, 8-1-68) - Lot 2 & 3 (R-3818, 9-1-69) - $\frac{N}{2}$ $\frac{NE}{4}$ Sec. 18 (R-3895, 1-1-70)

COMPLETION AND PERFORMANCE HISTORY
of
NEDU NO. 204 (CONOCO'S HAWK B-3 NO. 22)

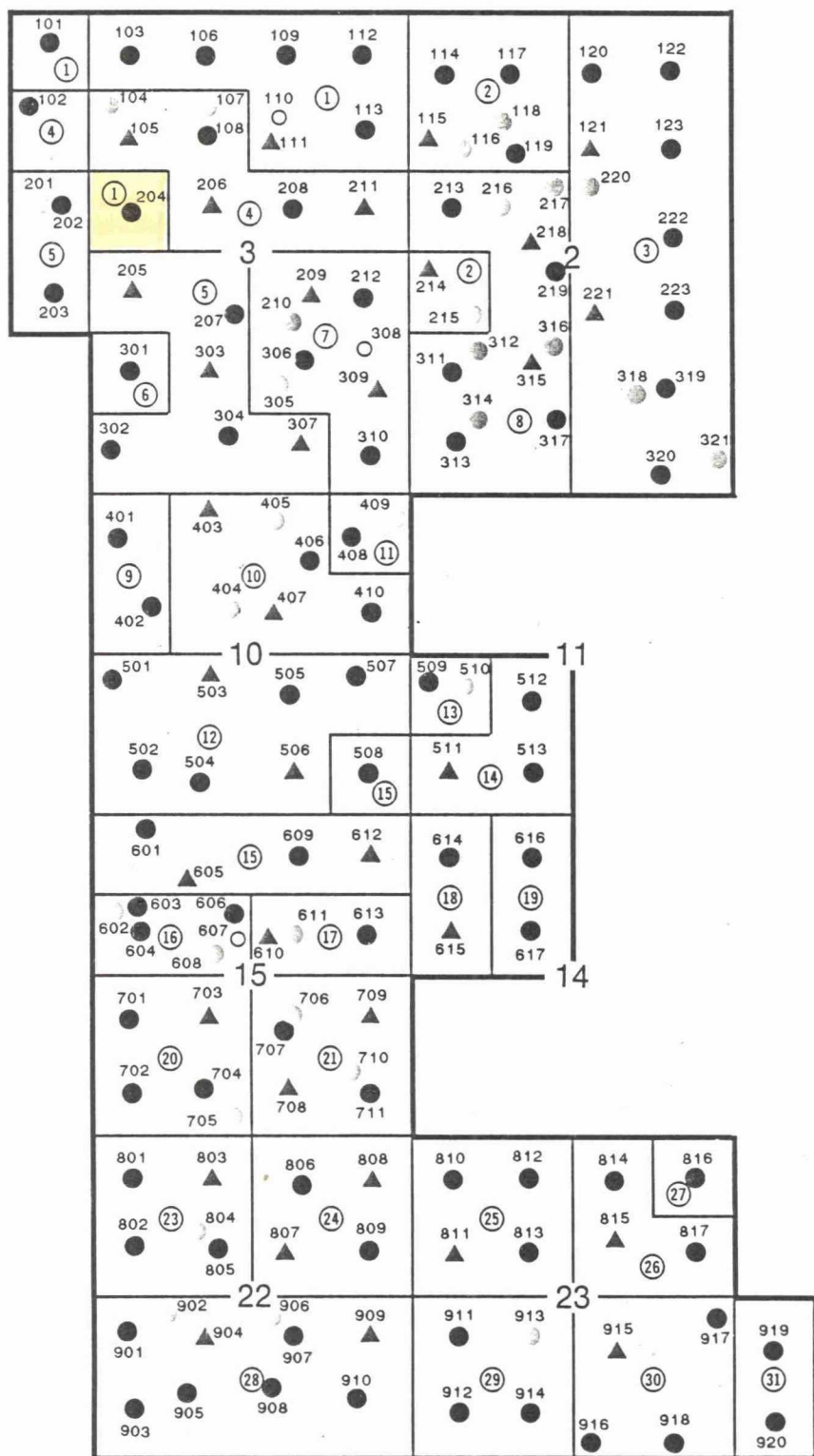
° Sources of Information

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



1 MILE
 1/2 MILE
 SCALE

PROPOSED NORTHEAST DRINKARD UNIT

WELLBORE UTILIZATION & INJECTION PATTERN

COMPLETION HISTORY SUMMARY

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

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

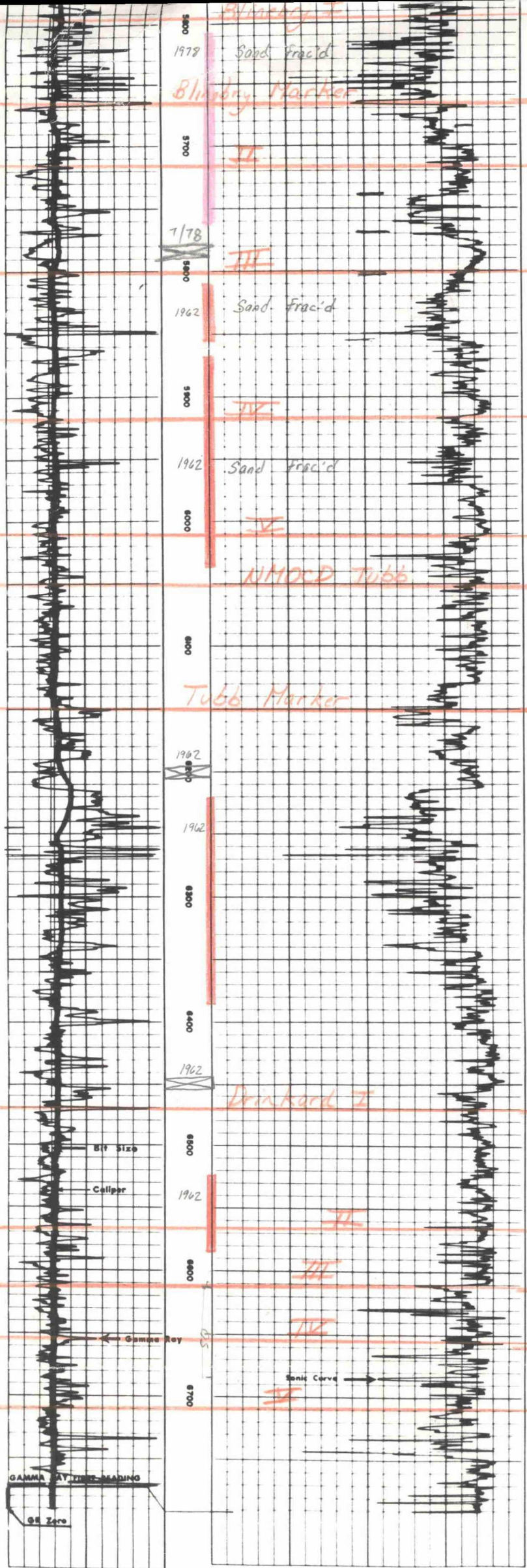
NEDU No. 204 (Conoco's Hawk B-3 No. 22)

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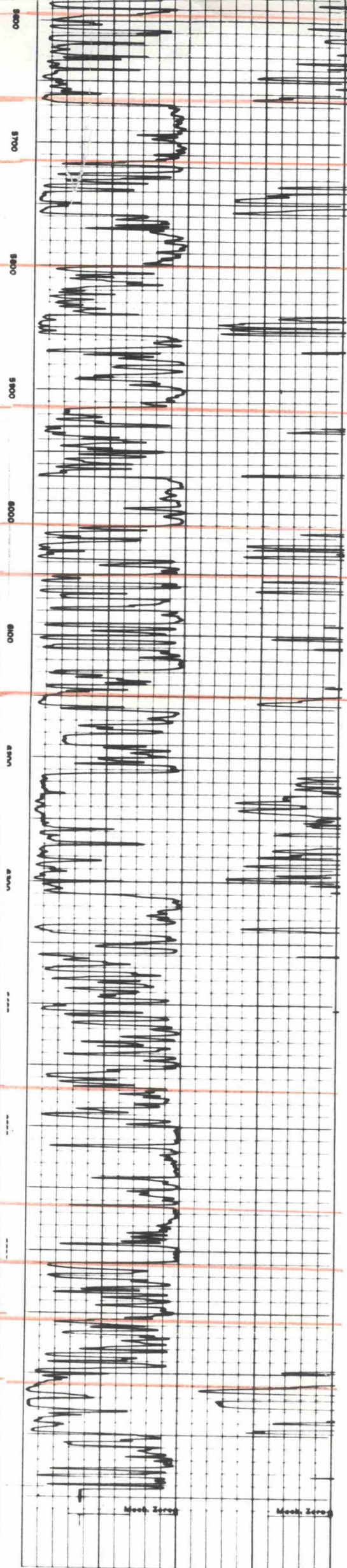
YEAR	MON	CONDENSATE		GAS		CUMULATIVE	
		(bbl)	(bpd)	(mcf)	(mcfpd)	(bbl)	(mcf)
----	----	-----	-----	-----	-----	-----	-----
1978	JAN	0	0.0	0	0.0	0	0
	FEB	0	0.0	0	0.0	0	0
	MAR	0	0.0	0	0.0	0	0
	APR	0	0.0	0	0.0	0	0
	MAY	0	0.0	0	0.0	0	0
	JUN	0	0.0	0	0.0	0	0
	JUL	0	0.0	0	0.0	0	0
	AUG	0	0.0	0	0.0	0	0
	SEP	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

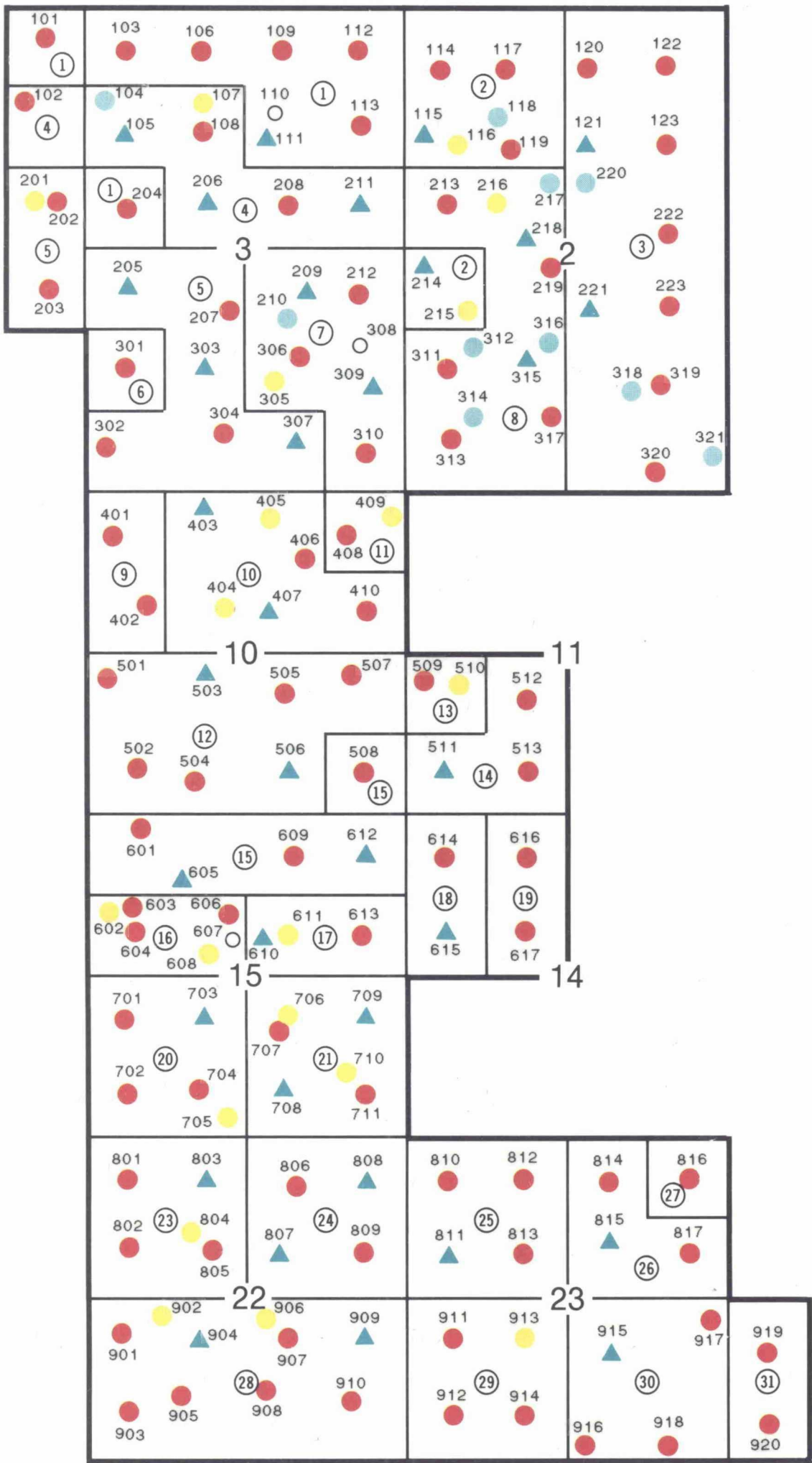


Sonic



Laterolog

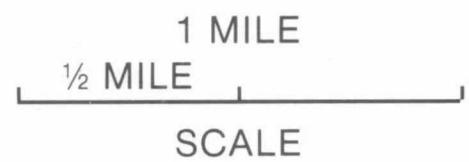
Conoco Hawk B-3 #22



LEGEND

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

① TRACT NUMBER

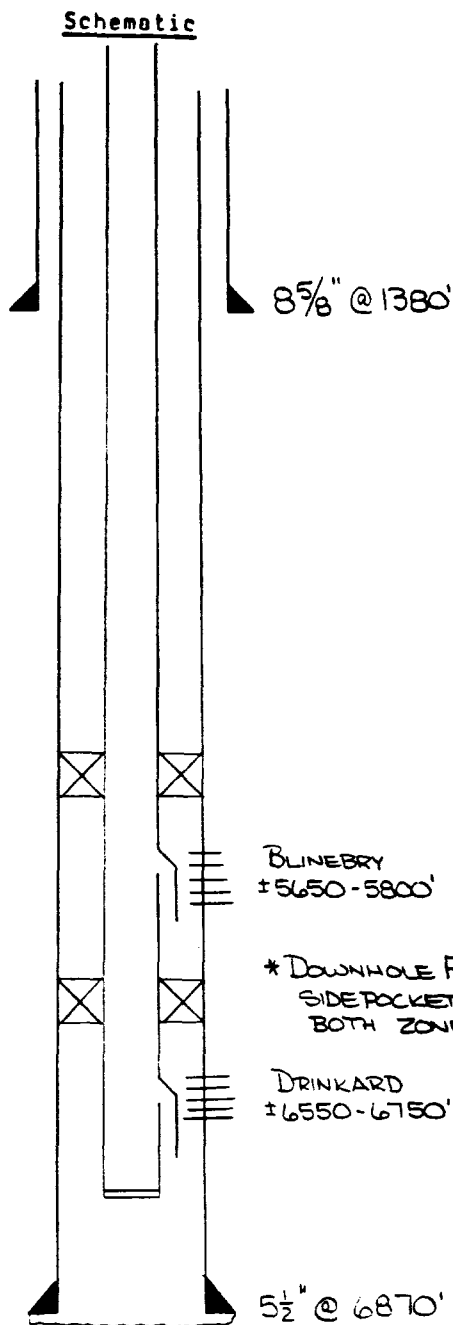


PROPOSED NORTHEAST
DRINKARD UNIT

WELLBORE UTILIZATION
& INJECTION PATTERN

Northeast Drinkard Unit
Exhibit Twenty-Seven
Cases 9230
9231
9232

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

Tabular DataSurface Casing

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

Intermediate Casing

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

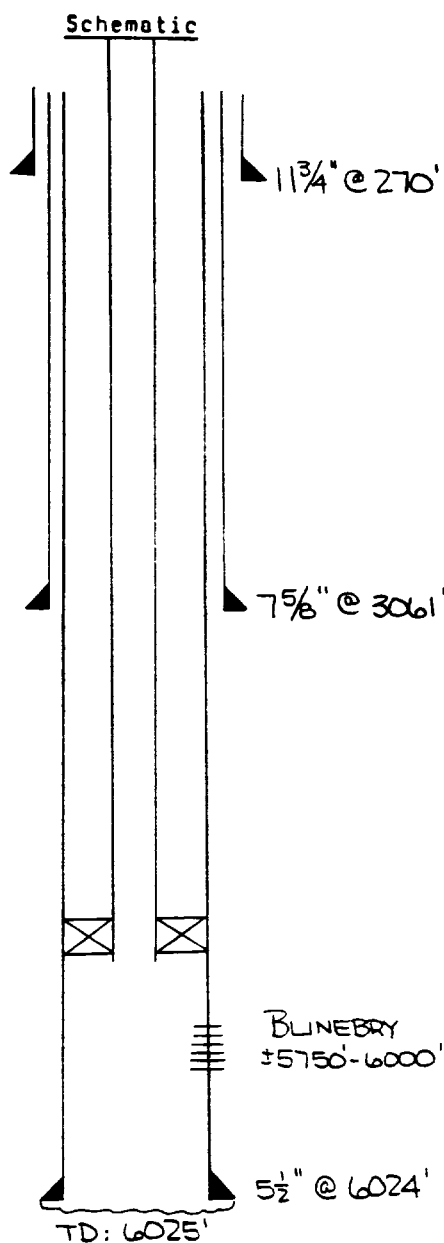
±5650 feet to ±6750 feet (PERF'D)
 (perforated or open-hole, indicate which)

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

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 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

Surface Casing

Size 11 3/4 " Cemented with 375 sx.
 TOC SURF feet determined by CIRC
 Hole size N/A

Intermediate Casing

Size 7 5/8 " Cemented with 1112 sx.
 TOC 1517 feet determined by TEMP SVY.
 Hole size N/A

Long string

Size 5 1/2 " Cemented with 375 sx.
 TOC 3190 feet determined by TEMP SVY
 Hole size N/A
 Total depth 6025'

Injection interval

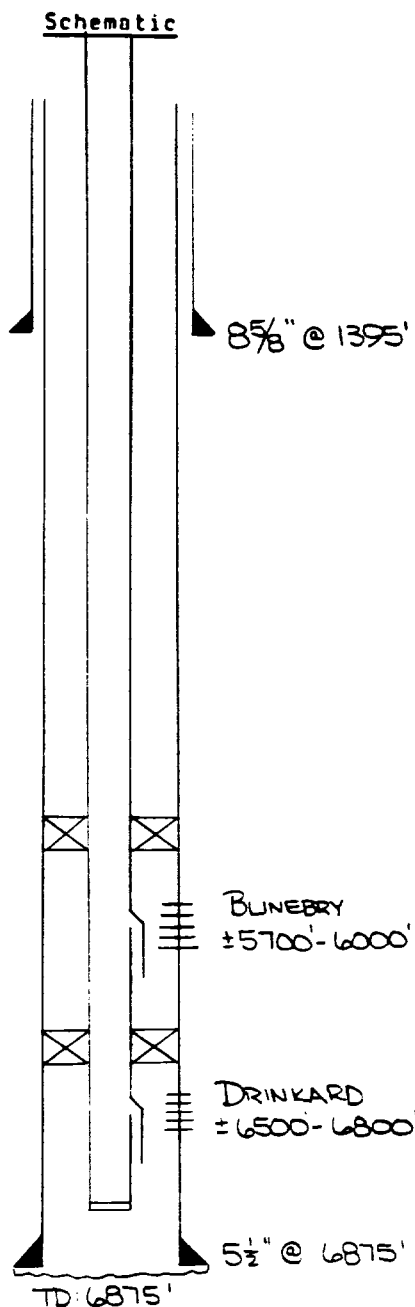
±5750 feet to ±6000 feet (PERF'D)
 (perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±5700 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
- 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 15' in this area.

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET AL.)
 WELL NO. 111W FOOTAGE LOCATION 2232' FNL & 2310' FEL SECTION 3 TOWNSHIP 21S RANGE 37E
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
SIDEPOCKET MANDRELS OPPOSITE
BOTH ZONES.

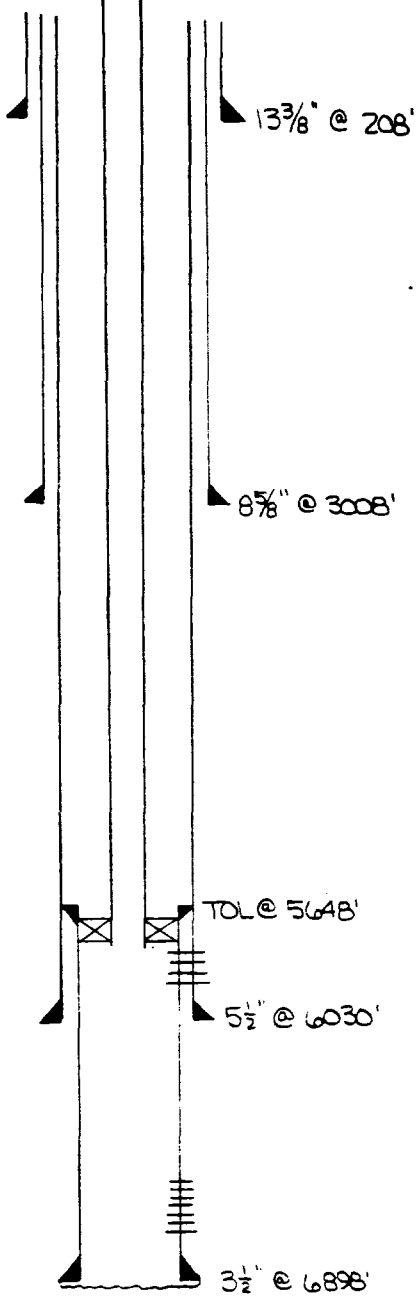
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6500 feet,
 (brand and model), w/ A TENSION PKR AT ±5650'.
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation 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 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, AS INTERIOR BY CONOCO)
 WELL NO. 114W FOOTAGE LOCATION 906' FNL & 660' FNL SECTION 2-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13³/₈ " Cemented with 240 sx.
 TOC SURF feet determined by CIRC
 Hole size 17¹/₄ "

SHORT
Intermediate Casing

Size 8⁵/₈ " Cemented with 1750 sx.
 TOC SURF feet determined by CIRC
 Hole size 11 "

INTERMEDIATE
Long String

Size 5¹/₂ " Cemented with 225 sx.
 TOC 4780 feet determined by TEMP SURV
 Hole size 7⁷/₈ "

LONG STRING

SIZE 3¹/₂" LINER CEMENTED WITH 100
 TOC TDL @ 5648' DETERMINED BY CIRC
 Hole Size 4³/₄ "

TOTAL DEPTH 6898'

INJECTION INTERVAL

±5750 FEET TO ±6850 FEET (PERF'D)

Tubing size 2³/₈ " lined with FIBERGLASS EPOXY (material) set in a
3¹/₂" BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±5700 feet.

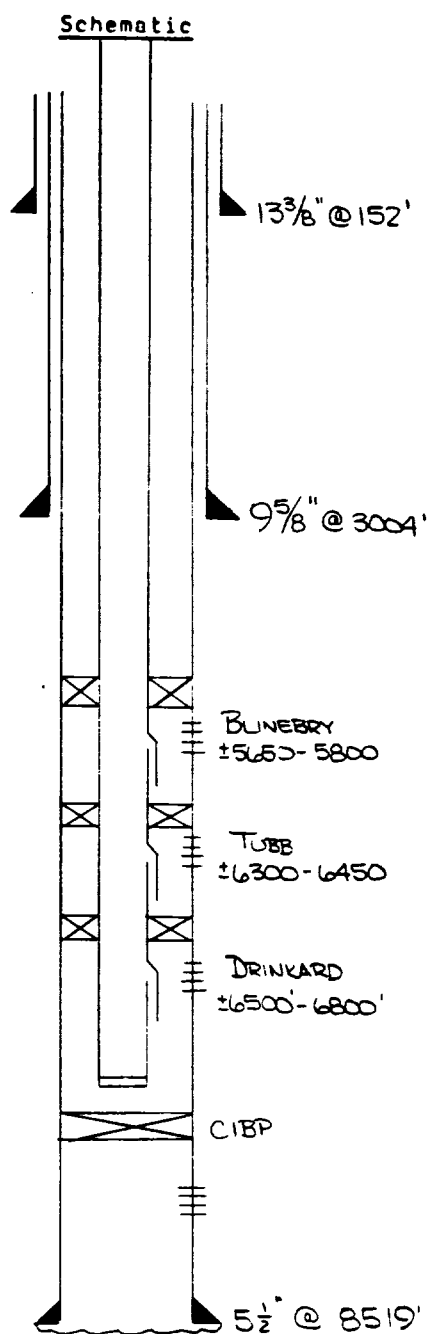
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation BUNBERRY / 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? BUNBERRY PRODUCER
- Has the well ever been perforated in any other zone s.t. 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 (if any) in this area.

VZ/

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

**Tabular Data****Surface Casing**

Size 13 3/8 " Cemented with 165 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/4 "

Intermediate Casing

Size 9 5/8 " Cemented with 1600 sx.
 TOC SURF feet determined by CIRC
 Hole size 12 1/4 "

Long string

Size 5 1/2 " Cemented with 550 sx.
 TOC 4250 feet determined by TEMP SURV
 Hole size 7 7/8 "
 Total depth 8519'

Injection interval

±5650 feet to ±6800 feet (PERF'D)
 (perforated or open-hole, indicate which)

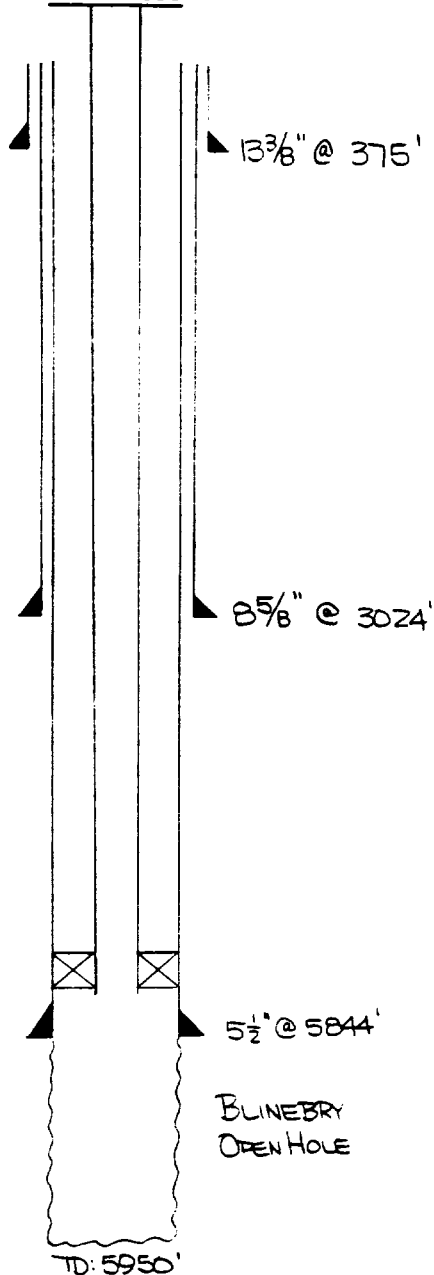
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6475' feet,
 (brand and model)
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6250' AND ±5600'.

Other Data

- Name of the injection formation BUNEERY / 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 zone? 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 1000 feet of this area.

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

Schematic



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 set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ± 5800 feet.
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

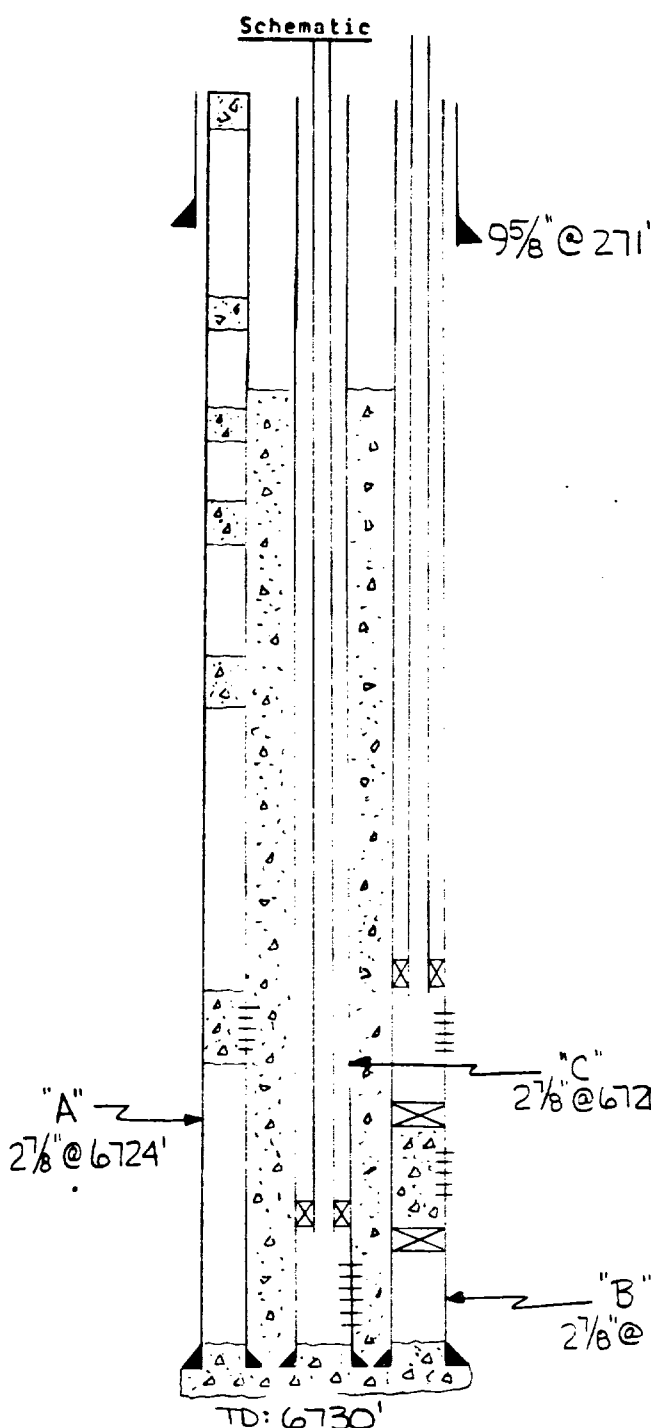
- Name of the injection formation BLINERY
- Name of Field or Pool (if applicable) DRINKARD
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? BLINERY PRODUCER
- Has the well ever been perforated in any other zones? List all such perforated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

V31

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

Schematic

Tabular Data



Surface Casing

Size $9\frac{5}{8}$ " Cemented with 250 sx.

TOC SURF feet determined by CIRC

Hole size $12\frac{1}{4}$ "

Long String "A"

Size $2\frac{7}{8}$ " Cemented with 635 sx.

TOC 2400 feet determined by TEMP SVY

Long string "B"

Size $2\frac{7}{8}$ " Cemented with 635 sx.

TOC 2400 feet determined by TEMP SVY

Long String "C"

Size $2\frac{7}{8}$ " CEMENTED WITH 635

TOC 2400 FEET DETERMINED BY TEMP SVY

Hole Size $8\frac{3}{4}$ "

TOTAL DEPTH 6730' ("A" & "B" to 6724', "C" to 6726')

INJECTION INTERVAL

$\pm 5650'$ - $5850'$ IN "B" STRING

$\pm 6450'$ - $6650'$ IN "C" STRING

"A" STRING IS P&A'D

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

Other Data

- Name of the injection formation BLINERY 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?

BLINERY/TURB/DRINKARD TRIPLE TUBINGLESS PRODUCER

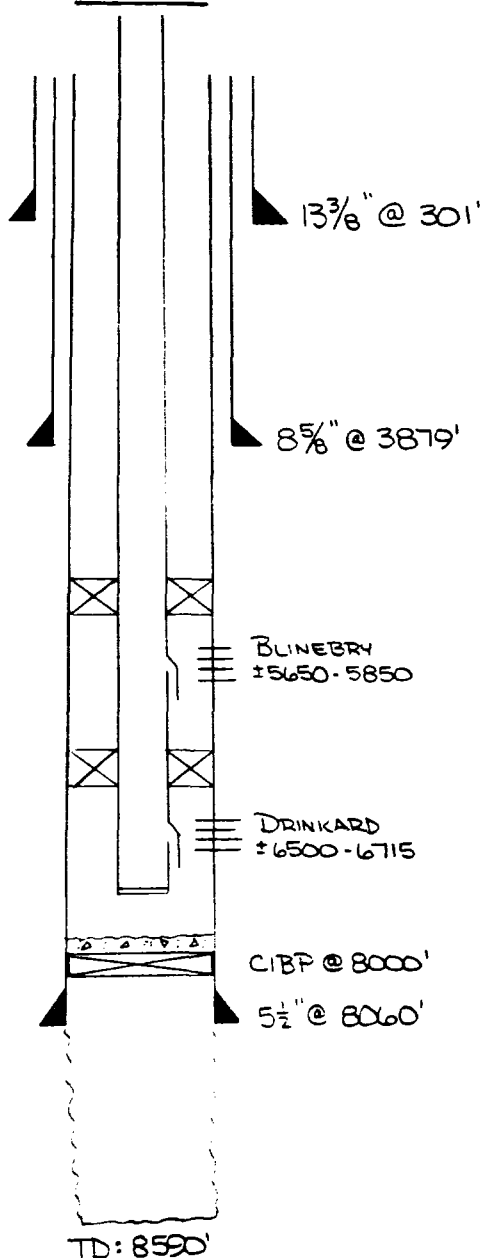
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

-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 3-21S-37E TOWNSHIP 3-21S-37E RANGE 3-21S-37E

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 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 SIDPOCKET MANDRELS OPPOSITE BOTH ZONES.

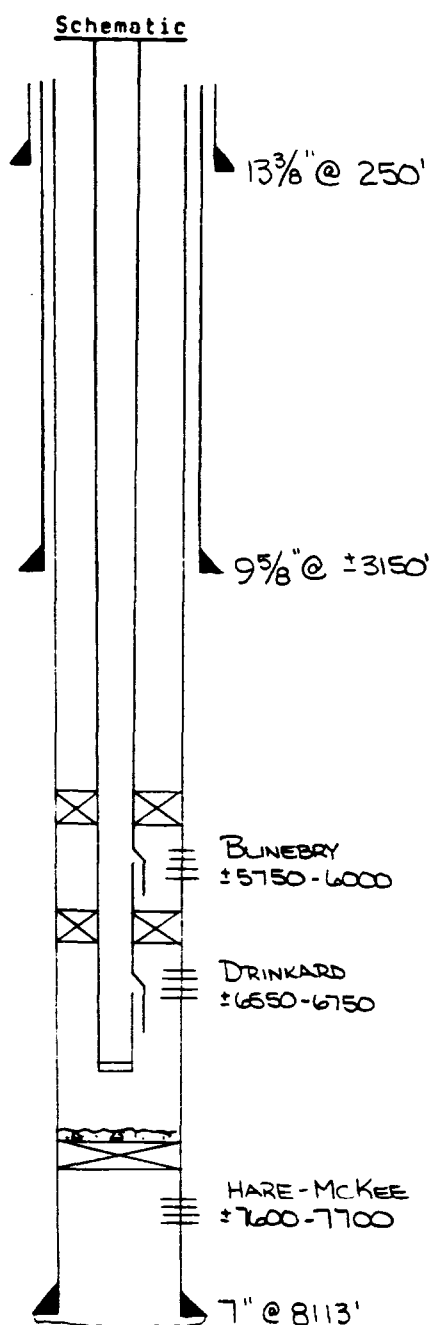
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6450 feet,
 (brand and model)
 (or describe any other casing-tubing seal). AND TENSION SET PKR @ ±5600'

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 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 underlying and/or underlying oil or gas zones (pools) in this area.

VZ/10/

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CIONOCO 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 SIDPOCKET MANDREL OPPOSITE BOTH INTERVALS

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

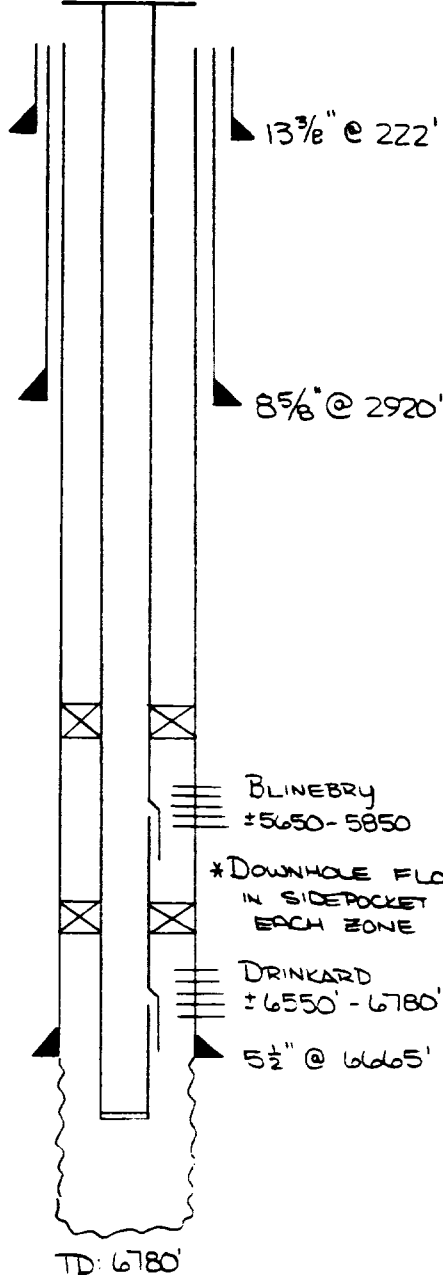
Other Data

- Name of the injection formation BUNEARY 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 plug(s) used).
HARE-McKEE (±7600-7700) CIBP w/ 20' CNT CAP @ ±7500' TO
BE SET UPON UNITIZATION.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (include 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 3-215-37E TOWNSHIP 3-215-37E RANGE

Schematic



Tabular Data

Surface Casing

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

Intermediate Casing

Size 8 5/8" Cemented with 2200 sx.
 TOC SURE 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)

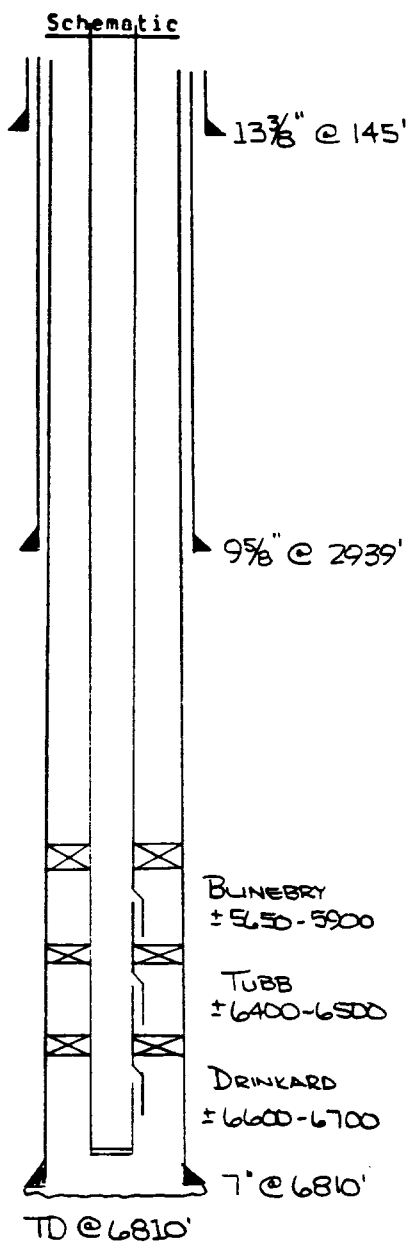
PERF'D ±5650-6665
 OPEN HOLE 6665-6780

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

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 (include in true area).

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

**Tabular Data****Surface Casing**

Size 13 3/8 " Cemented with 165 sx.
 TOC SURF feet determined by CIRC.
 Hole size 17 1/4 "

Intermediate Casing

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

Long string

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

Injection interval

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

* DOWNHOLE FLOW REGULATOR IN
 SIDEROCKET MANDREL OPPOSITE
 EACH ZONE.

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

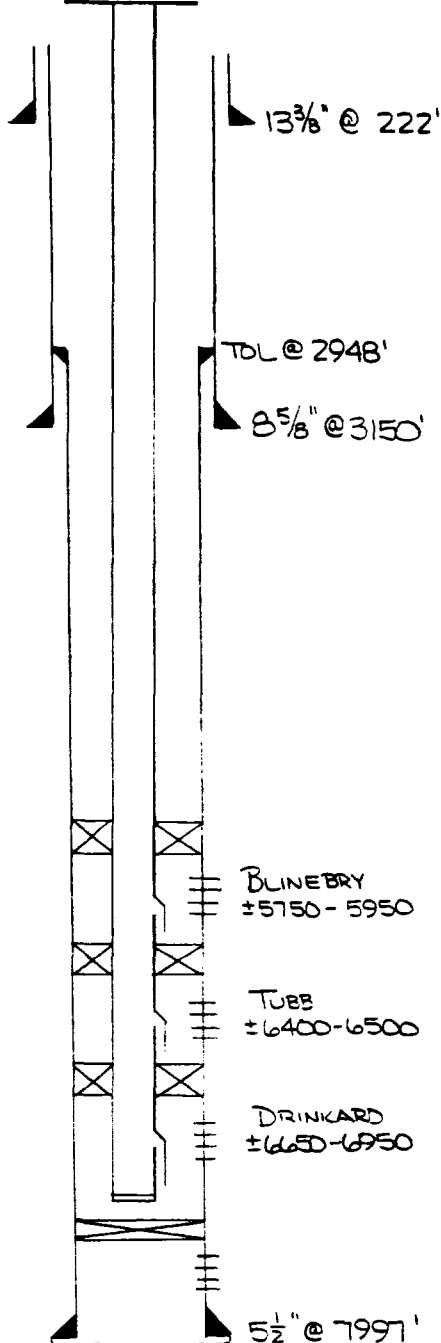
Other Data

- Name of the injection formation BLINBRY/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.

VPT 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 2-21S-37E TOWNSHIP 2-21S-37E RANGE 2-21S-37E

Schematic



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.

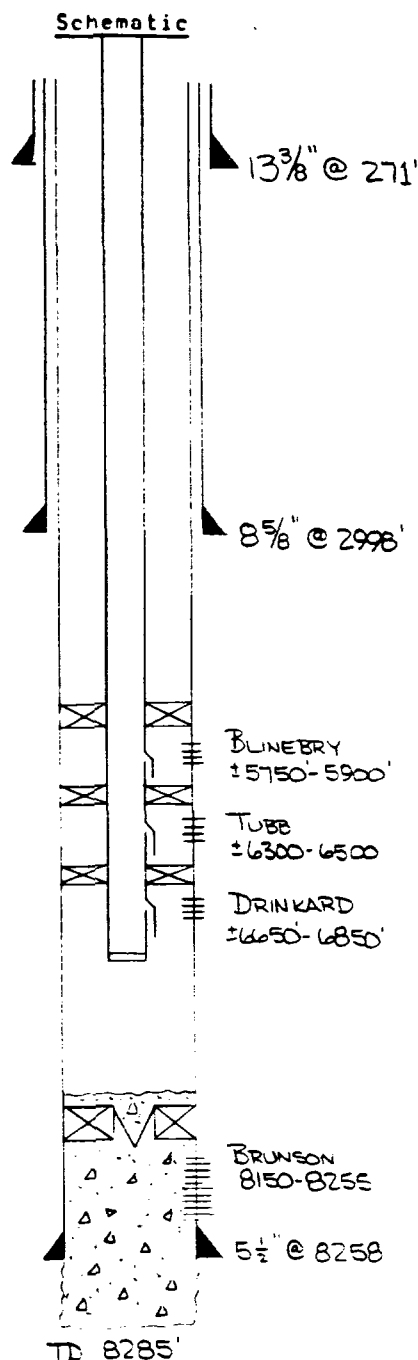
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER Lox-Set (OR EQUIVALENT) packer at ±6600 feet,
 (brand and model)
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6350' AND ±5700'

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.

V78

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON'S HARRY LEONARD #6)
 WELL NO. 221W FOOTAGE LOCATION 2983' FSL & 2317 FEL SECTION 2-21S-37E TOWNSHIP 2-21S-37E RANGE 2-21S-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 3400 sx.
 TOC 1430' feet determined by TEMP SVY
 Hole size 11 "

Long string

Size 5¹/₂ " Cemented with 675 sx.
 TOC 4085 feet determined by TEMP SVY
 Hole size 7⁷/₈ "
 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 SIDESOCKET
 MANDREL OPPOSITE EACH INTERVAL.

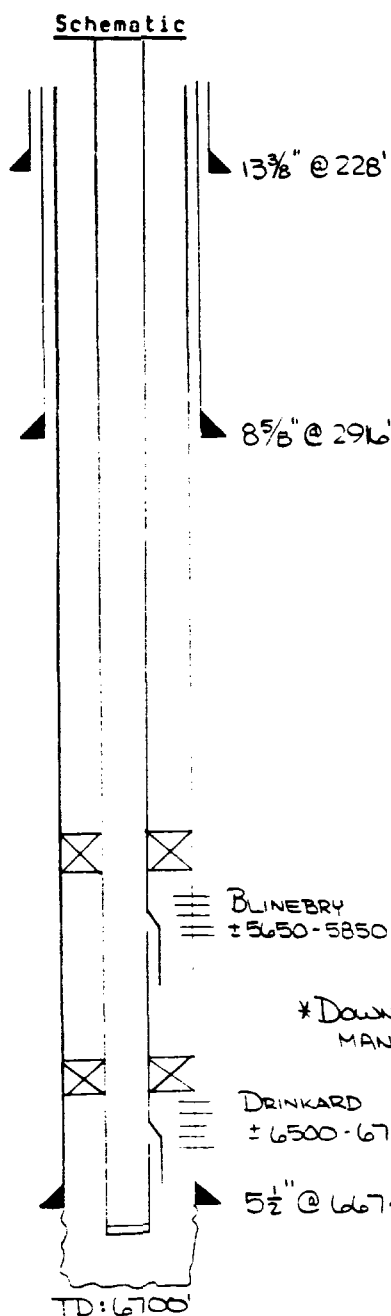
Tubing size 2³/₈ lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6600 feet,
 (brand and model)
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6250' AND ±5700'.

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.

VPI 7/27

OPERATOR SWEPI	LEASE NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI'S) LIVINGSTON #1	
WELL NO. 303W	FOOTAGE LOCATION 1980' FSL & 1980' FWL	SECTION 3-215-37E	TOWNSHIP 3-215-37E

**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 600 sx.
 TOC 3601 feet determined by TEMP SVY
 Hole size 7 7/8"
 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 SIDEROCKET
 MANDREL OPPOSITE EACH ZONE.

BLINEBRY
±5650-5850

DRINKARD
±6500-6700

TD: 6700'

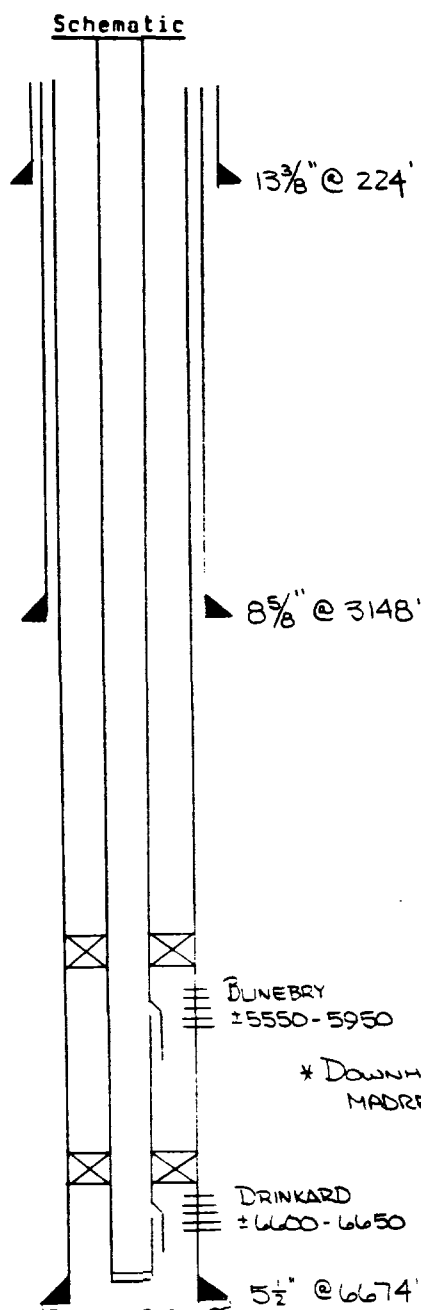
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
PACKER LOK-SET (OR EQUIVALENT) packer at ±6450 feet,
 (brand and model)
 (or describe any other casing-tubing seal). AND TENSION SET PKR AT ±5600'

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 PRODUCTION
- Has the well ever been perforated in any other zone s.f. 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 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 3-21S-37E	TOWNSHIP 3-21S-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 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)

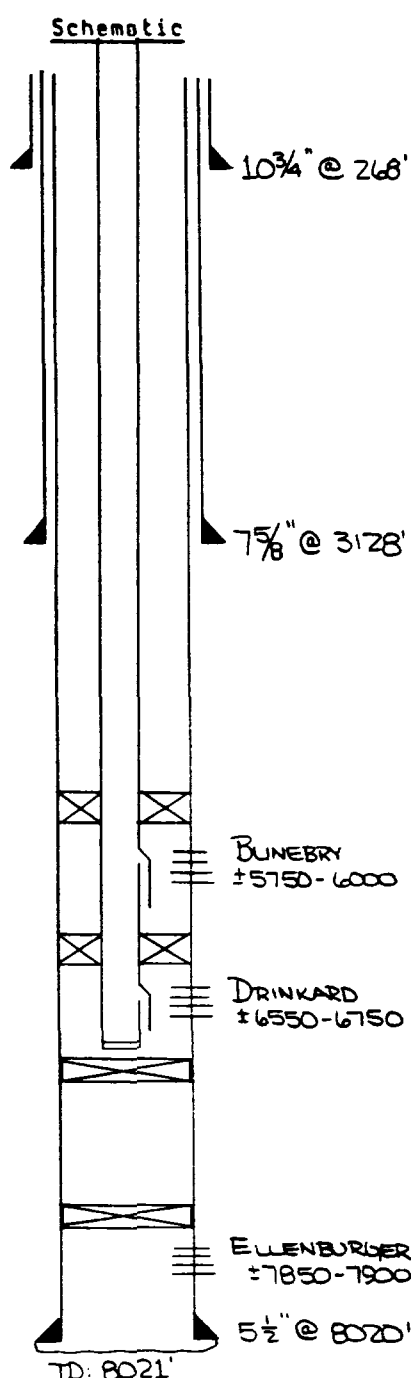
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
BAKERLOX-SET (OR EQUIVALENT) packer at ±6550 feet,
 (brand and model)
 (or describe any other casing-tubing seal). AND TENSION SET PKR @ ±5500'

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?
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 plug(s) 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 (actual or this area).

VPJ

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

**Tabular Data****Surface Casing**Size 10 3/4 " Cemented with 250 sx.TOC SURF feet determined by CIRCHole size N/A**Intermediate Casing**Size 7 5/8 " Cemented with 1145 sx.TOC 1200 feet determined by TEMP SNYHole size N/A**Long string**Size 5 1/2 " Cemented with 550 sx.TOC 2550 feet determined by TEMP SNYHole size N/ATotal depth 8021'**Injection interval**±5750 feet to ±6750 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEROCKET
MANDREL OPPOSITE BOTH ZONES.

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

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

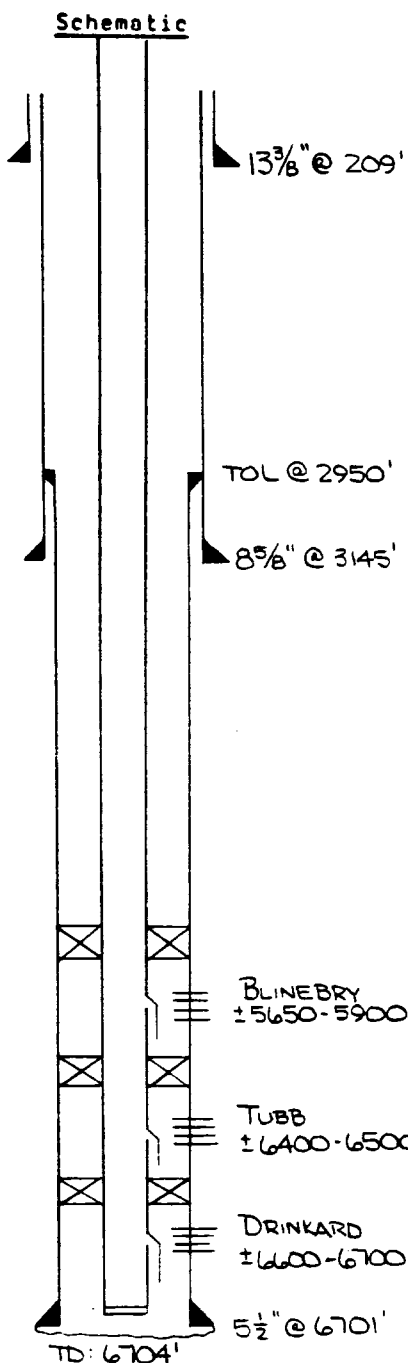
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used):

ELLENBURGER (±7850-7900) CIBP @ 7800' AND 6900'

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

V37
7/67

OPERATOR SWEPI	LEASE NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI's) STATE SECTION 2 #9	
WELL NO. 315W	FOOTAGE LOCATION 1980' ESL & 1880' FWL	SECTION 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 1/4 "

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 LINER " Cemented with 700 sx.
 TOC 2950' (TOL) feet determined by CIRC
 Hole size 7 7/8 "
 Total depth 6704' (LINER TO 6701')

Injection interval
±5650 feet to ±6700 feet (P)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN
 SIDEROCKET MANDREL OPPOSITE
 EACH ZONE.

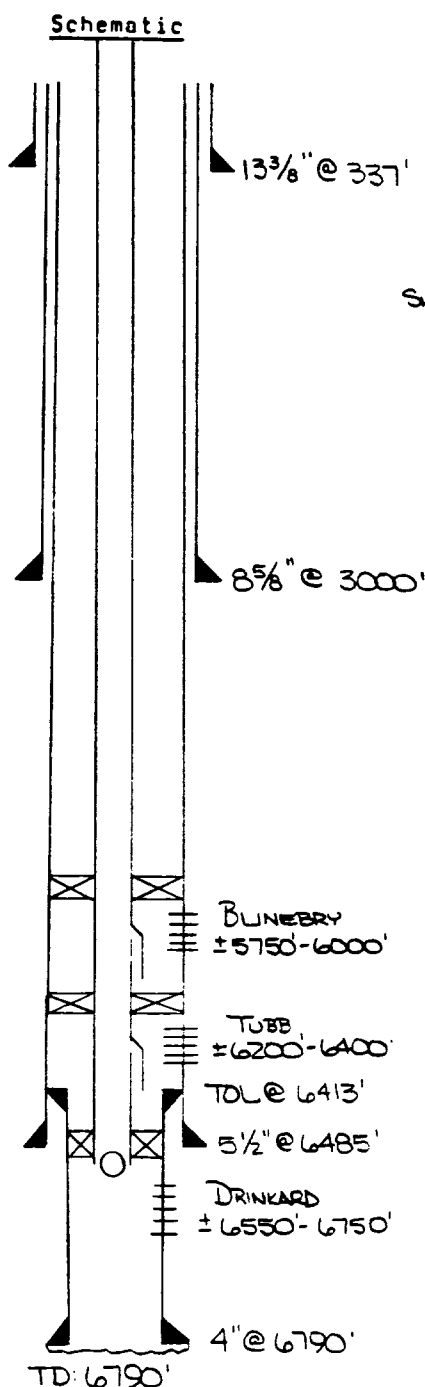
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6550 feet,
 (brand and model)
 (or describe any other casing-tubing seal). WITH TENSION PKRS AT ±6350' AND ±5600'

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.

V31
11-10-

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



Tabular Data

Surface Casing

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

SHORT Intermediate Casing

Size 8 5/8 " Cemented with 300 sx.
TOC 1900 feet determined by TEMP SURV
Hole size N/A

INTERMEDIATE Long String

Size 5 1/2 " Cemented with 375 sx.
TOC 3150 feet determined by TEMP SURV
Hole size N/A

LONG STRING

Size 4" FLSH-LINER CEMENTED WITH 35 SX
TOC TOL @ 6413' DETERMINED BY CIRC
Hole Size 4 3/4"
Total Depth 6790'

INJECTION INTERVAL

±5750 FEET TO ±6750 FEET

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

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
(material)
4" BAKERLOK-SET (OR EQUIVALENT) packer at ±6525 feet,
(branch and model), w/ 5 1/2" TENSION PKRS AT ±6150 & ±5700'
(or describe any other casing-tubing seal).

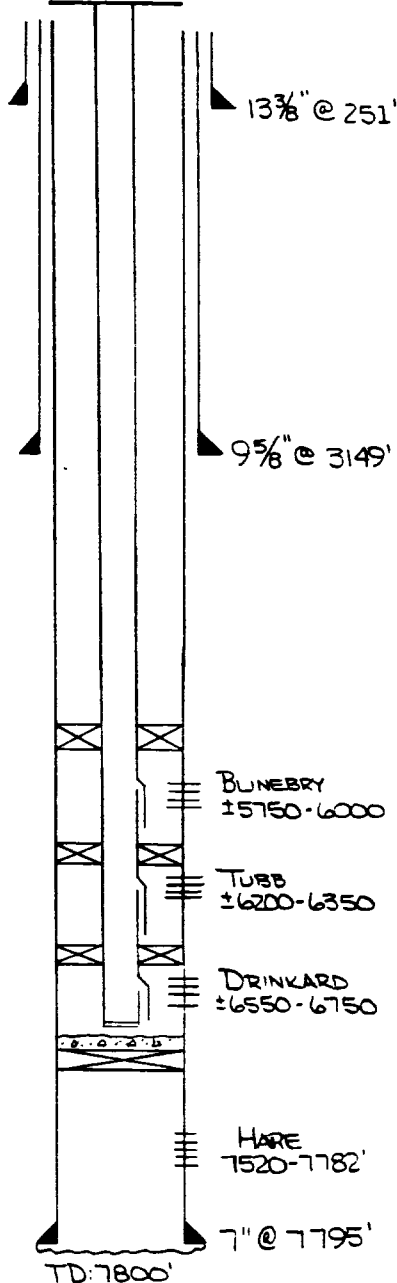
Other Data

- Name of the injection formation BUNEERY / 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?
BUNEERY 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.

V31 7/87

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

Schematic



Tabular Data

Surface Casing

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

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 SIDEPCKET
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,
(or describe any other casing-tubing seal). w/ TENSION PKRS AT ±5700' & ±6150'

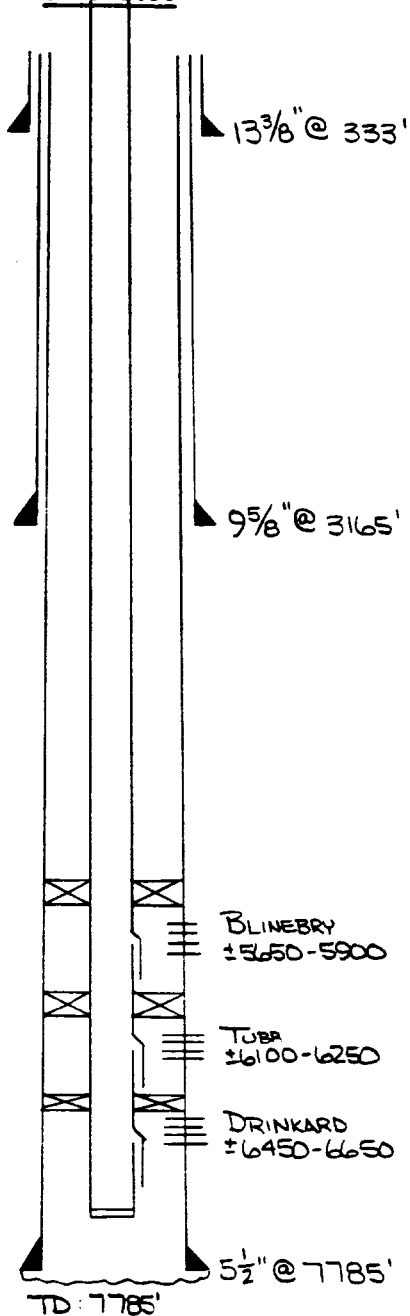
Other Data

- Name of the injection formation BLUNERY / 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.

V31 7/07

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

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 375 sx.
 TOC SURF feet determined by CIRC
 Hole size 17 1/2 "

Intermediate Casing

Size 9 5/8 " Cemented with 1400 sx.
 TOC SURF feet determined by CIRC
 Hole size 12 1/4 "

Long string

Size 5 1/2 " Cemented with 400 sx.
 TOC 2500 feet determined by N/A
 Hole size 6 3/4 "
 Total depth 7785 "

Injection interval

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

* DOWNHOLE FLOW REGULATOR IN SIDESOCKET
 MANDREL OPPOSITE EACH INTERVAL.

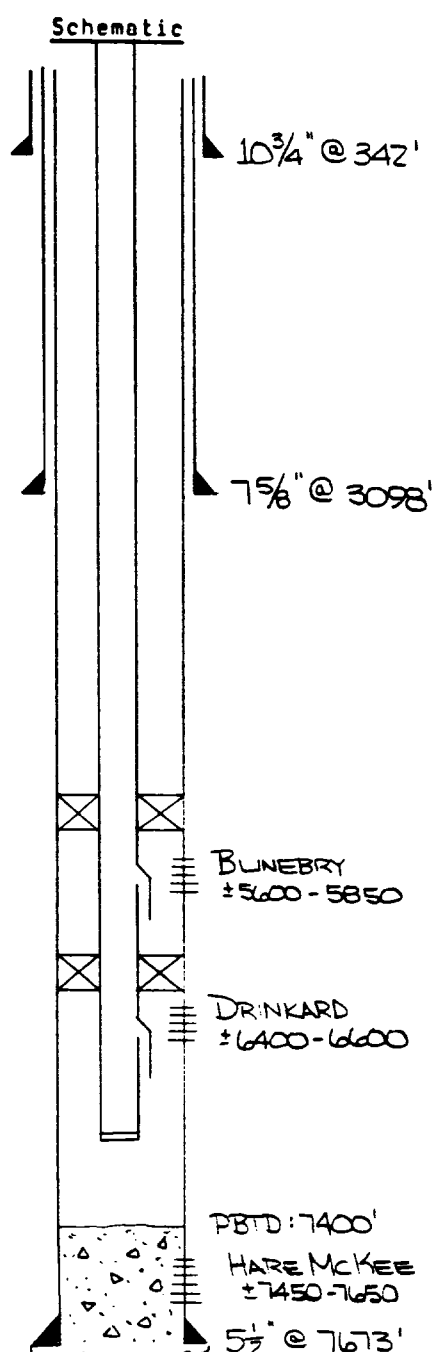
Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKERLOK-SET (OR EQUIVALENT) packer at ±6400 feet
 (brand and model)
 (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6050' AND ±5600'.

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/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 (include) in this area.

VJ 7/87

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

**Tabular Data****Surface Casing**

Size 10 3/4 " Cemented with 300 sx.
 TOC SURF feet determined by CIRC
 Hole size 15"

Intermediate Casing

Size 7 5/8 " Cemented with 1600 sx.
 TOC SURF feet determined by CIRC
 Hole size 9 7/8"

Long string

Size 5 1/2 " Cemented with 485 sx.
 TOC 2945 feet determined by TEMP SWY
 Hole size 6 3/4"
 Total depth 7673'

Injection interval

±5600 feet to ±6600 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEROCKET
 MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
 (material)
PAKER LOK-SET (OR EQUIVALENT) packer at ±6350 feet,
 (brand and model)
 (or describe any other casing-tubing seal). WITH A TENSION PDR AT ±5550'

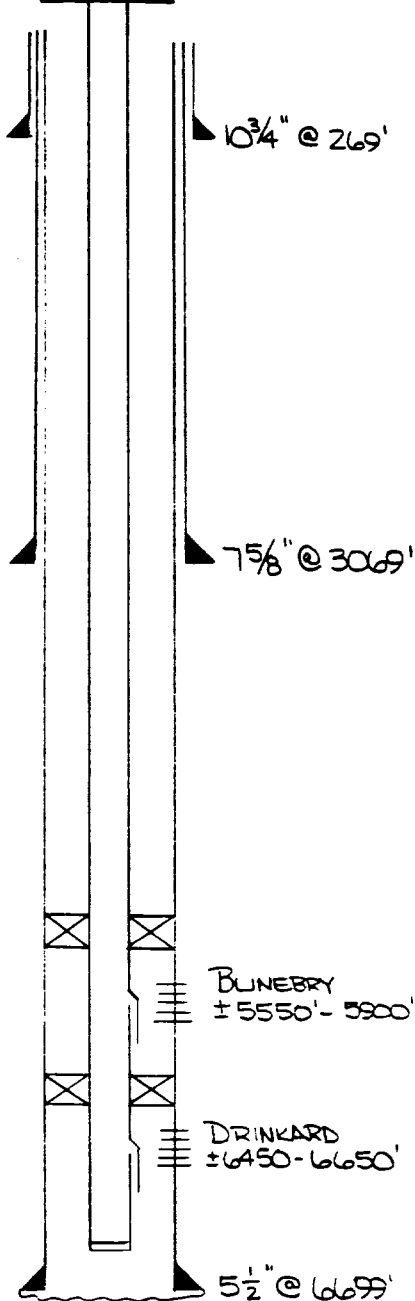
Other Data

- 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? 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 7/6

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

Schematic



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 SIDESOCKET
 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 ±5500'.

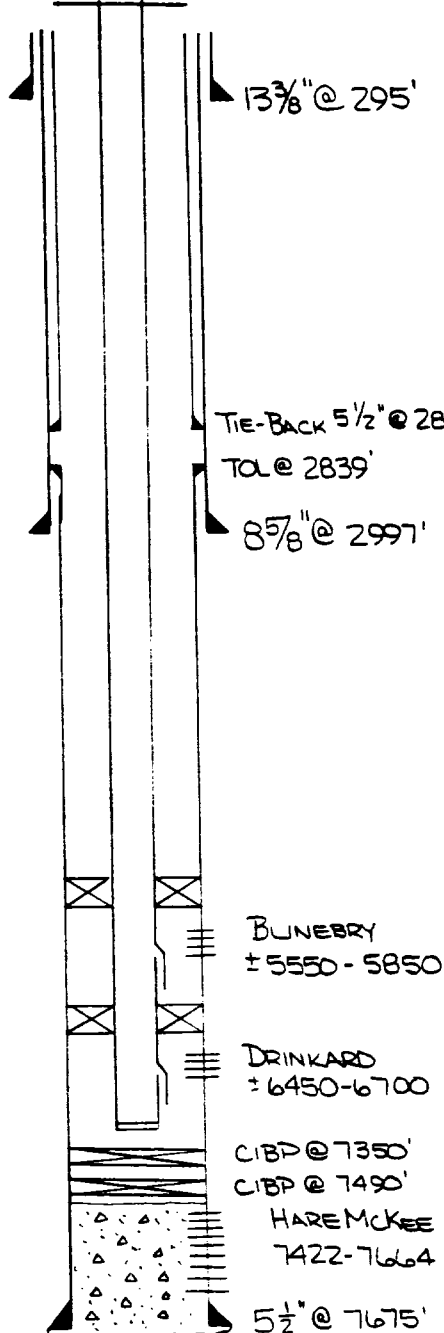
Other Data

- 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 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 (include this area).

V31 7/67

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

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
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 ±6400 feet,
(brand and model) WITH A TENSION PKR AT ±5500'
(or describe any other casing-tubing seal).

Other Data

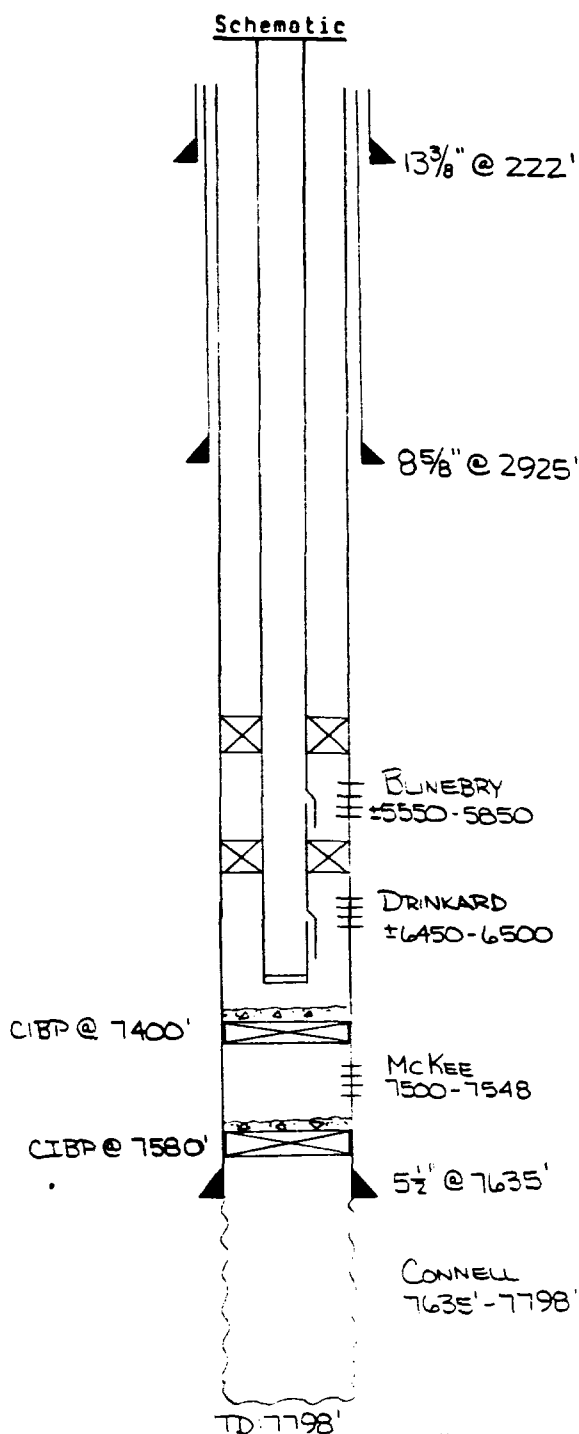
- Name of the injection formation BLINEBRY / DRINKARD
- Name of field or pool (if applicable) DRINKARD
- Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? HARE MCKEE PRODUCER

- 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.

V31 7/27

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

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 set in a
 (material)
BAKER LOK-SET (OR EQUIVALENT) packer at ±6400 feet,
 (brand and model)
 (or describe any other casing-tubing seal). w/ A TENSION PKR AT ±5500'

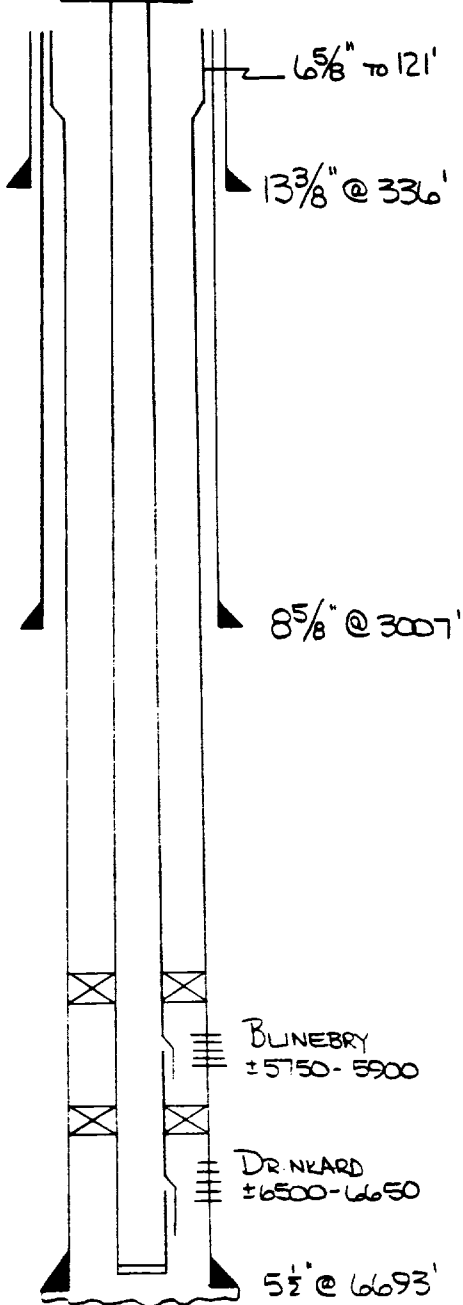
Other Data

- 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? CONNELL 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 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).

V3/1/16

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

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 325 sx.
 TOC SURF feet determined by CIRC.
 Hole size 17 1/2 "

Intermediate Casing

Size 8 5/8 " Cemented with 935 sx.
 TOC 100' feet determined by TEMP SNY
 Hole size 12 1/4 "

Long string

Size 6 5/8 / 5 1/2 " Cemented with 1180 sx.
 TOC SURF feet determined by CIRC.
 Hole size 7 7/8 "
 Total depth 6693'

Injection interval

±5750 feet to ±6650 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPCKET
 MANIFOLD OPPOSITE EACH INTERVAL.

BUNBRY
 ±5750-5900

DRINKARD
 ±6500-6650

5 1/2" @ 6693'

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

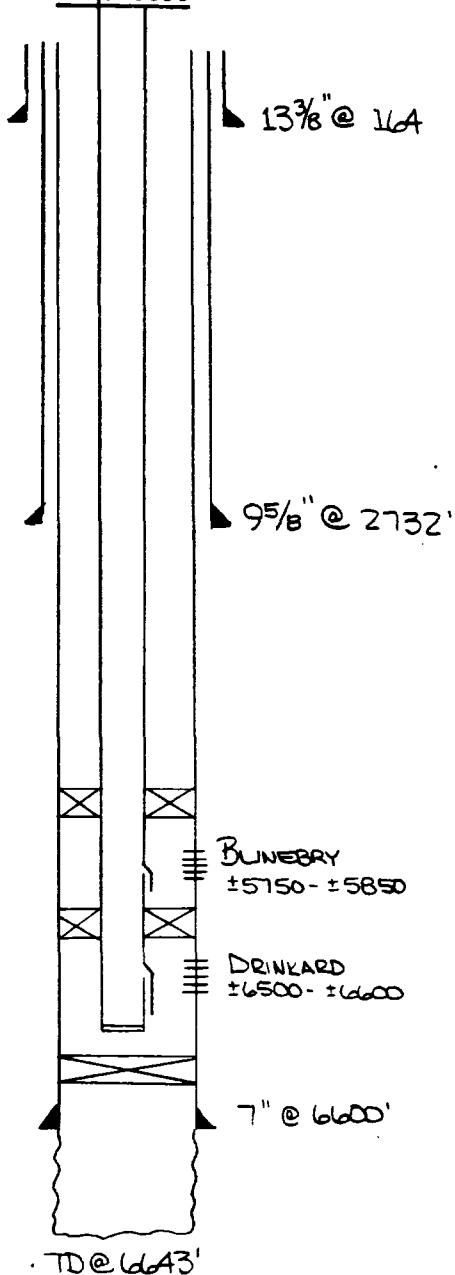
Other Data

- Name of the injection formation BUNBRY/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? BUNBRY/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 (poris) in this area.

V37-7/2

OPERATOR SWEPI	LEASE NORTH-EAST DRINKARD UNIT	(FORMERLY SWEPI ETAL) EM. OWEN #1
WELL NO. 615W	FOOTAGE LOCATION 1980' FNL & 660' FNL	TOWNSHIP 14 - 21S-37E

Schematic



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/
 Hole size 12 1/4 " 25% LOSSES

Long string

Size 7 " Cemented with 500 sx.
 TOC 3350' feet determined by CALC. w/
 Hole size 8 3/4 " 25% LOSSES
 Total depth 6643' (CSG TO 6600')

Injection interval

±5750 feet to ±6550 feet (Perf'd)
 (perforated or open-hole, indicate which)

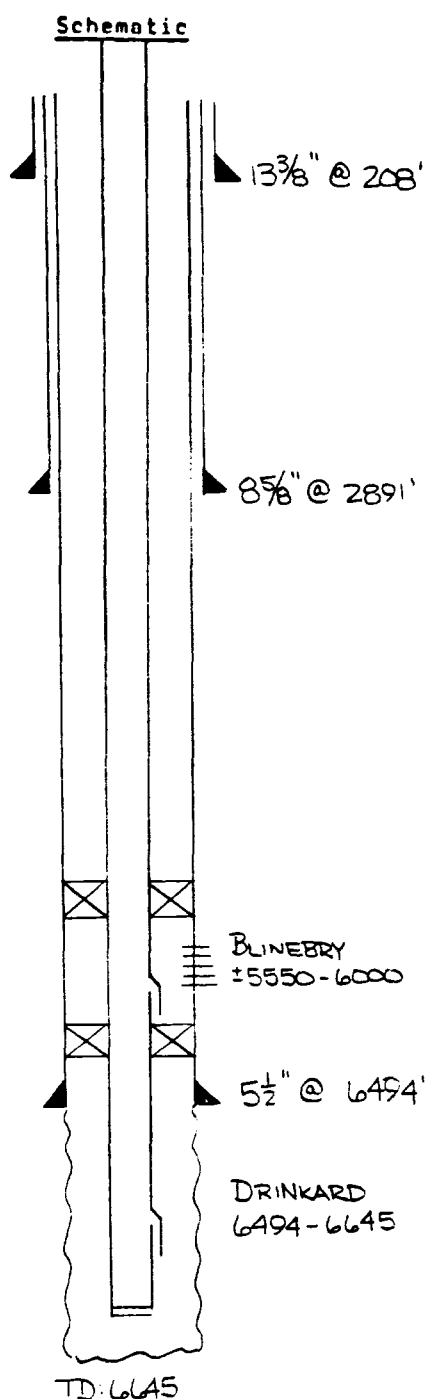
* DOWNHOLE FLOW REGULATOR IN
 SIDEPCKET MAUNDER OPPOSITE
 BOTH ZONES

Tubing size 2 3/8 " lined with FIBERGLASS EPOXY set in a
 (material)
BAKERLOK-SET (OR EQUIVALENT) packer at ±6450 feet,
 (brand and model)
 (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/TUBR/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 SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's)
WELL NO. 703W FOOTAGE LOCATION 1980' FSL & 1980' FWL SECTION 15-21S-37E TOWNSHIP ARGO #3 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.

BLINEBRY
±5550-6000

5 1/2" @ 6494'

DRINKARD
6494-6645

TD: 6645

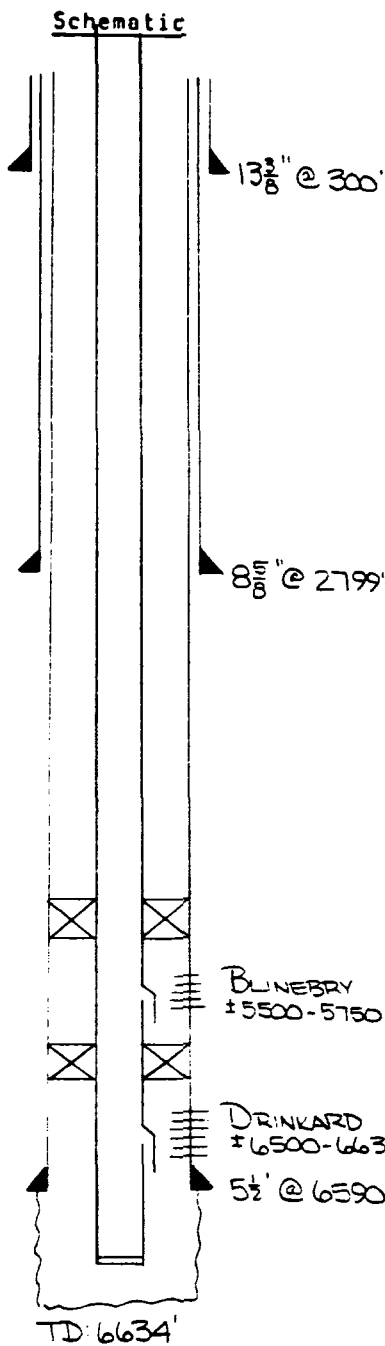
Tubing size 2 3/8" lined with FIBERGLASS EPOXY set in a
BAKER LOK-SET (OR EQUIVALENT) packer at ±6450' feet,
(or describe any other casing-tubing seal). w/ A TENSION PKR AT ±5500'

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.

VJ
6/87

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



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
 Hole size 7 7/8 " 50% LOSSES
 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 SIDESOCKET
 MANDREL OPPOSITE EACH INTERVAL.

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). WITH A TENSION PKR AT ±5450'

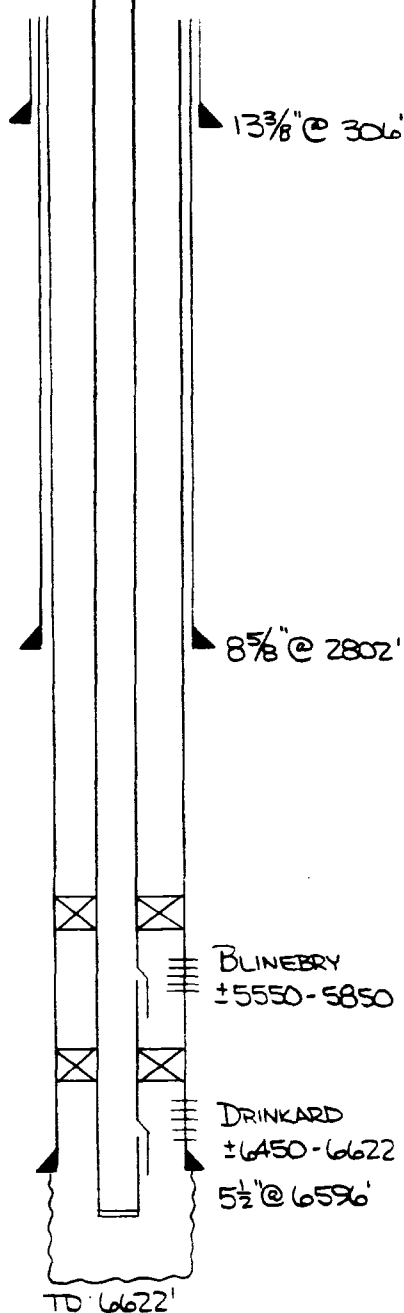
Other Data

- 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 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.

V31/1-1

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

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

BLINERY
 ±5550-5850

DRINKARD
 ±6450-6622
 5 1/2" @ 6596'

TD 6622'

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'.

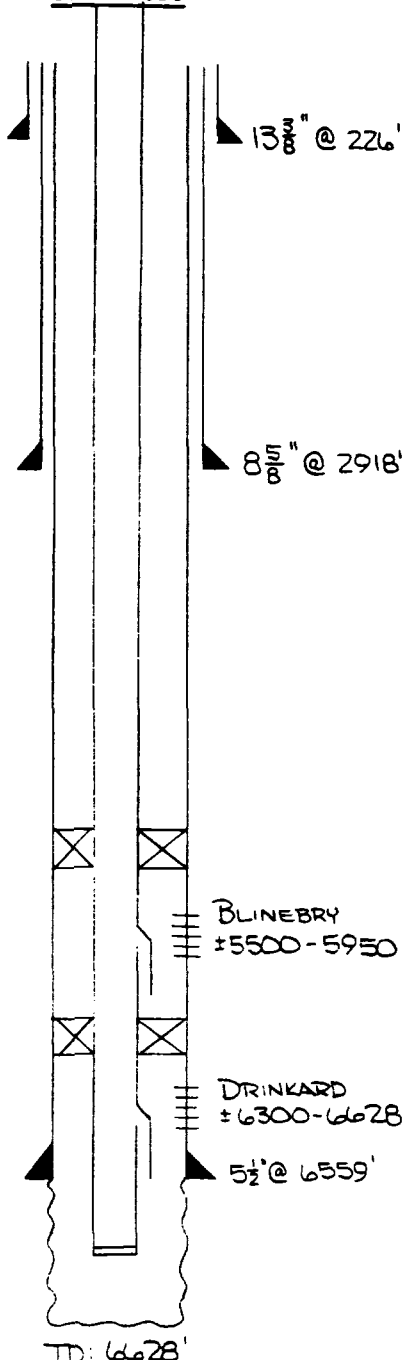
Other Data

- Name of the injection formation BLINERY / 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 (include this area).

V31 7/07

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

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 200 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 700 sx.
 TOC 2800 feet determined by FREE POINT
 Hole size 7 7/8 "
 Total depth 6628' (CSG TO 6559')

Injection interval

±5500 feet to 6628 feet
 (perforated or open-hole, indicate which)

PERF'D ±5500'-6559

OPEN HOLE 6559-6628

*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'.

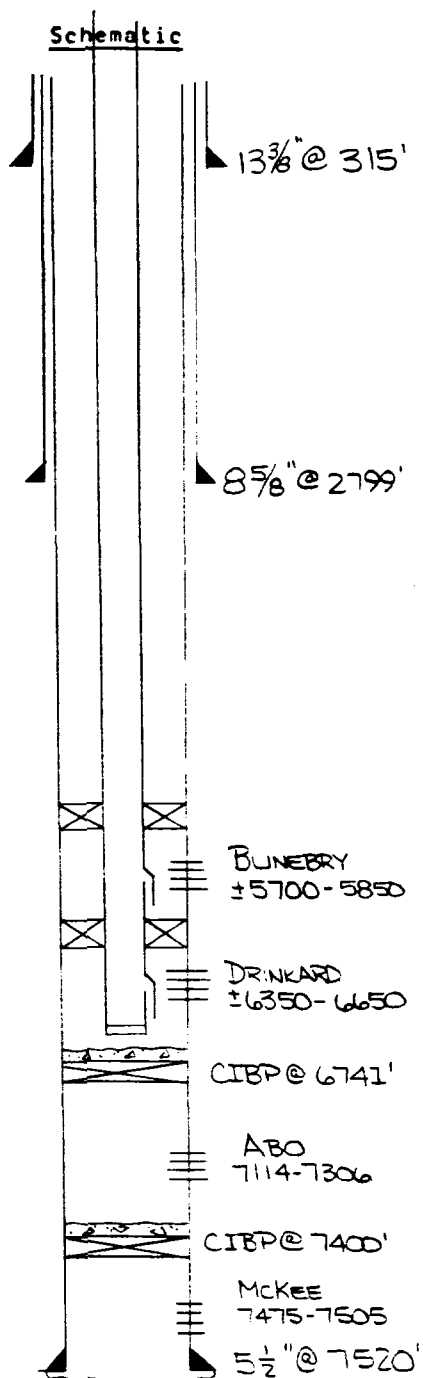
Other Data

- 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 rocks in this area.

VRJ, L

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

Schematic



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)
 (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5650'.

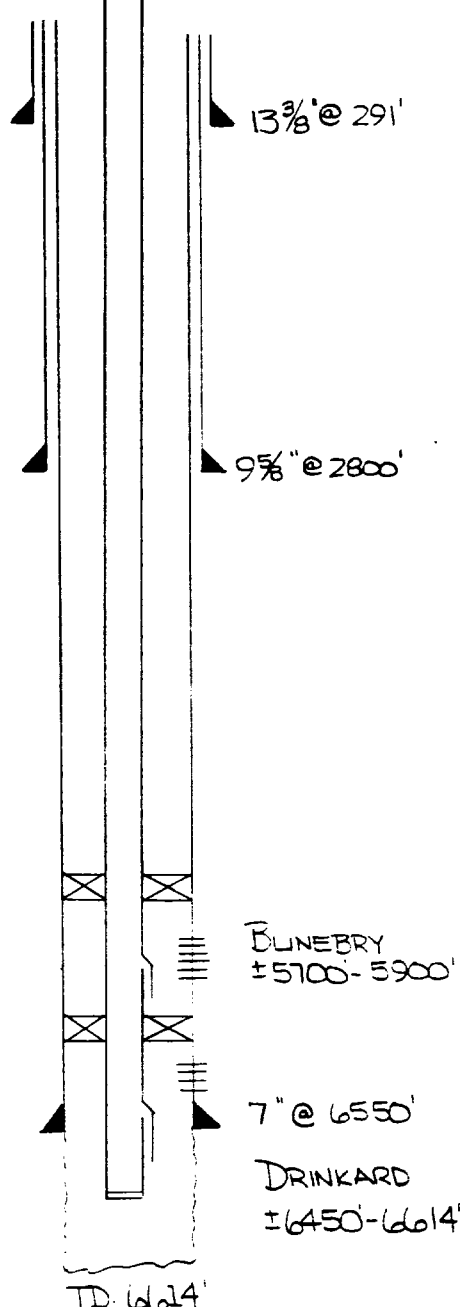
Other Data

- 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 22 TOWNSHIP 21S RANGE 37E
660' FNL & 660' FEL

Schematic



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
 SIDEROCKET MANDREL OPPOSITE
 EACH INTERVAL.

Tubing size 2³/₈ " 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 ±5650'

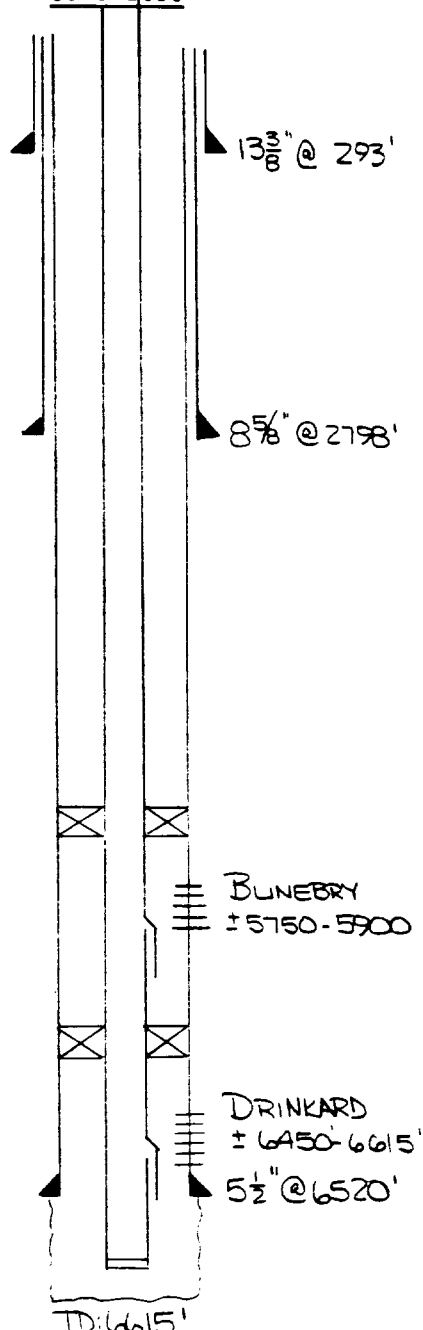
Other Data

- 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.

V31 7/87

OPERATOR SWEPI LEASE NORTHEAST DRINKARD UNIT (FORMERLY TEXACO'S D.A. WILLIAMSON #2 - FROM GETTY)
 WELL NO. 811W FOOTAGE LOCATION 1980' FNL & 660' FWL SECTION 23-21S-37E TOWNSHIP 23-21S-37E RANGE

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 300 sx.
 TOC SURF feet determined by CALCULATED
 Hole size N/A ASSUMING 17 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 11" 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
 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 ±6400 feet,
 (brand and model)
 (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5700'

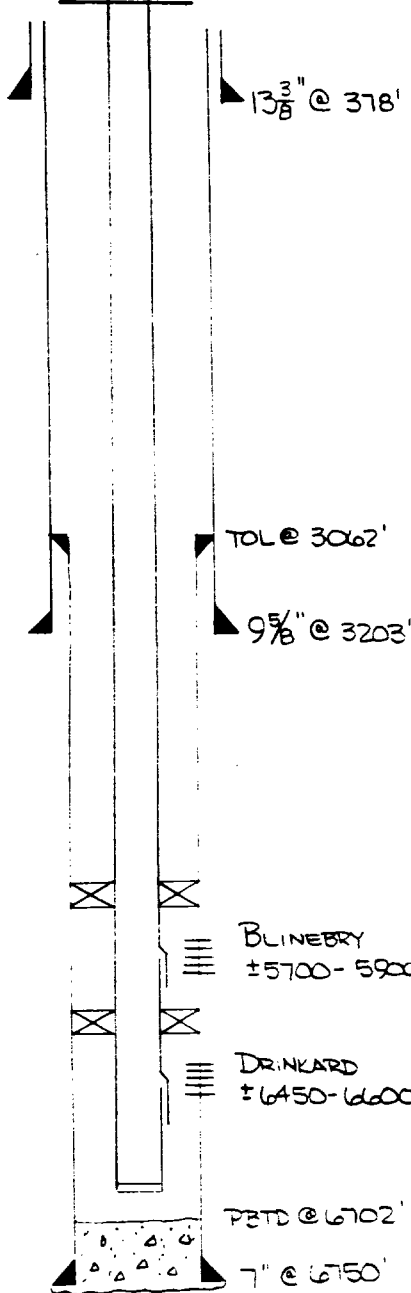
Other Data

- 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.

V3 7/87

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

Schematic



Tabular Data

Surface Casing

Size 13³/₈ " Cemented with 400 sx.
 TOC SURF. feet determined by CIRC.
 Hole size 17¹/₂ "

Intermediate Casing

Size 9⁵/₈ " Cemented with 1160 sx.
 TOC SURF feet determined by CIRC.
 Hole size 12¹/₄ "

Long string

Size 7" LINER " Cemented with 888 sx.
 TOC TOL (3062') feet determined by CIRC.
 Hole size 8⁵/₈ "
 Total depth 6750'

Injection interval

±5700 feet to ±6600 feet (PERF'D)
 (perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN
 SIDEPCKET MANDREL OPPOSITE
 EACH ZONE.

Tubing size 2³/₈ " 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 ±5650'

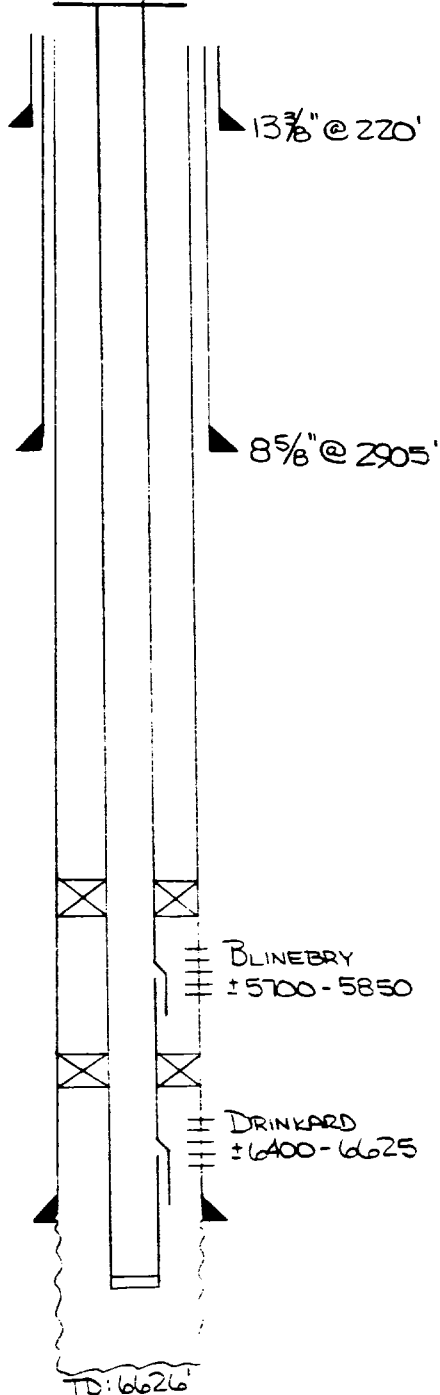
Other Data

- 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? 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 (pools) in this area.

V31

OPERATOR SWEPI	LEASE NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI's TURNER #12)	
WELL NO. 904W	FOOTAGE LOCATION 2065' FSL & 1700' FWL	SECTION 22-215-37E	RANGE

Schematic



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 POINTHole 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
(material)
FREE LOX-SET (OR EQUIVALENT) packer at ±6350 feet,
(brand and model)
(or describe any other casing-tubing seal). W/ A TENSION PKR AT ±5650'

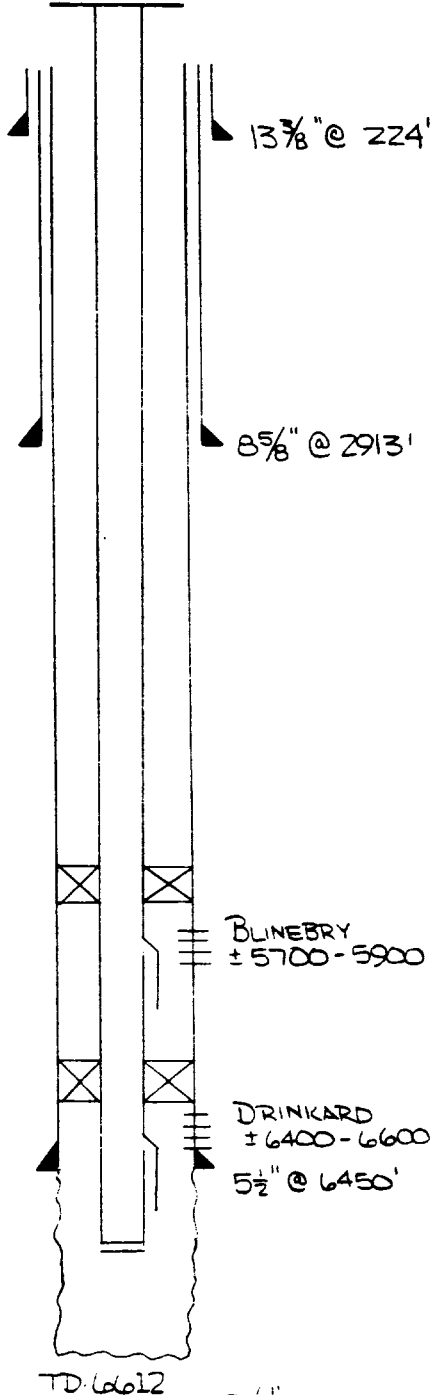
Other Data

- 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? 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 zone(s) 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 _____

Schematic



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 set in a
 (material)
BAKERLOK-SET (OR EQUIVALENT) packer at ±6350 feet,
 (brand and model)
 (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 plugging detail (sacks of cement or bridge plugs) used

TUBE (6024-6339) WILL BE SQZ'D w/ ± 100sx.

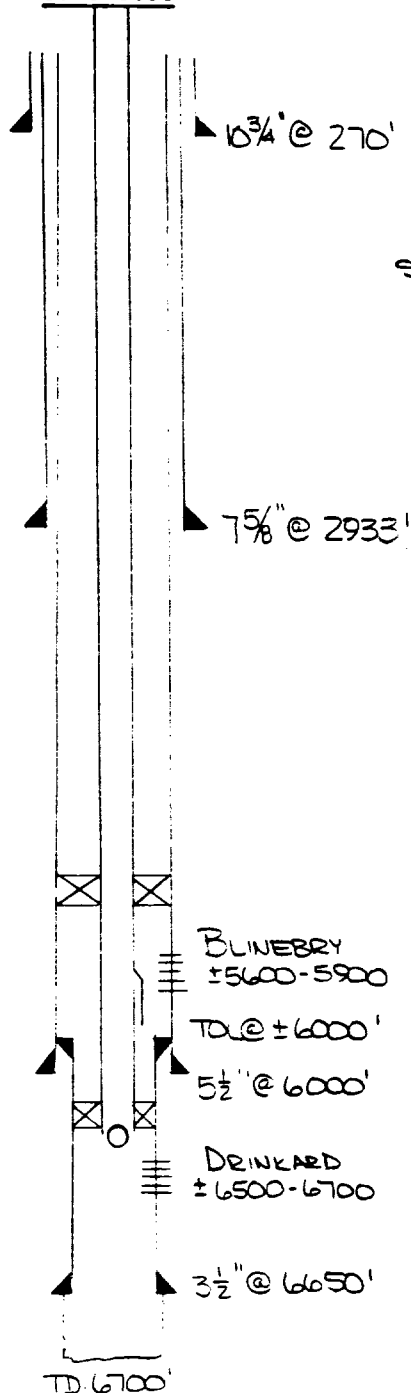
- Give the depth to and name of any overlying and/or underlying oil or gas bearing strata in this area.

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.T. SARKEYS #1 RANGE

Schematic



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 BLINERY 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,
 (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 BLINERY/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 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)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	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)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	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)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFICATIONS % OF TRACT
			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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFICATIONS	
						RATIFIED?	% OF TRACT
=====							
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 (%)					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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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.	100.00000	3.35015	3.37787	1.24098	2.70672	X 100.00000
	(BD - LOTS 5,9,10 SEC 3						
	LOT 8 SEC 4	100.00000	3.35015	3.37787	1.24098	2.70672	100.00000
	T - LOT 9 SEC 3						
	LOT 8 SEC 4)						
	ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	
	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	X 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	X 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	X 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	X 0.00000
	D. B. KYTE	1.36719	0.34719	0.35325	0.13007	0.28521	X 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

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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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 WILMETH	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)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	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

TRACT NUMBER	ROYALTY INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	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)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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

TRACT NUMBER	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)	WORKING INTEREST (%)	UNIT PARTICIPATIONS				RATIFICATIONS % OF TRACT
			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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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					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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS
							% OF TRACT
=====							
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
SOCOLOW	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)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	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)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		ROYALTY INTEREST (%)	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'CONNER	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

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

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING	OIL	OIL	GAS	GAS		
		INTEREST (%)	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 PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
	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. MCWHORTER	0.05580	0.00754	0.00647	0.01023	0.00752	X	0.44640
B. W. MCWHORTER	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
	12.50000	1.68985	1.44854	2.29189	1.68546		87.36200

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFIED?	RATIFICATIONS % OF TRACT
		WORKING	OIL	OIL	GAS	GAS		
		INTEREST (%)	PHASE 1 (%)	PHASE 2 (%)	PHASE 1 (%)	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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
=====								
	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	12.85712
	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	0.06408	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
	12.50000	0.54096	0.88327	0.34317	0.71773		87.36200

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 (%)		
		=====						
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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
		=====						
	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
	12.50000	3.64863	1.85703	1.92711	1.80579		84.30059

TRACT NUMBER	WORKING INTEREST OWNER(S)	UNIT PARTICIPATIONS					RATIFICATIONS % OF TRACT
		WORKING INTEREST (%)	OIL	OIL	GAS	GAS	
			PHASE 1 (%)	PHASE 2 (%)	PHASE 1 (%)	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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
=====							
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					RATIFICATIONS	
TRACT NUMBER	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	% OF TRACT
=====								
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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
=====								
	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

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 (%)		
=====								
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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
=====							
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 (%)					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 (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
=====							
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					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)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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

Ann McDaniel

ANN MCDANIEL, DIVISION MANAGER, FRODO B.

EXXON COMPANY, U.S.A. (A DIV. OF EXXON

CORPORATION), AGENT AND ATTORNEY IN FACT

Midland, TX 79702-1700

Div. Ldmn. *Jule*
Div. Engr. *PD*
Div. Acct. *PD*
Div. Law *JK*

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 :

SS.

INDIVIDUAL ACKNOWLEDGEMENT

COUNTY OF LEA :

BEFORE ME, the undersigned authority, on this day personally appeared Brenda Anne Morley, 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 _____ :

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

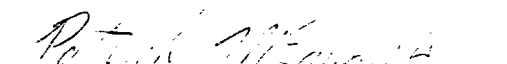
WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

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.

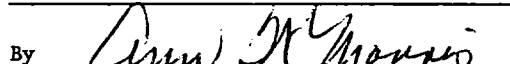
IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:



Date Sept. 10, 1987

ANN W. MORRIS

By 

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 33rd 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.

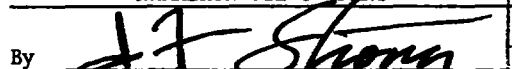
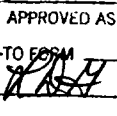
IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth below opposite the undersigned's signature.

ATTEST:

Date SEP 8 1987

MARATHON OIL COMPANY

By

Address P. O. Box 552Midland, 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 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 Production 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

Dore 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, 1987Tulsa, 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:

AUG 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:

CHEVRON U.S.A. INC.

By 

ASSISTANT SECRETARY

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

Midland, TX 79702

Date _____

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

Betty Gullledge

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

My Commission Expires _____

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. Irelan, 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:



Date 7-1-87

DUER WAGNER, IIIBy 

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

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

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, JR., 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 Dave Wagner, 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 L. Luman
Assistant Secretary
Date 7/17/87

FELMONT OIL CORPORATION

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

Midland, TX 79702

TAX ID #13-1759179

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 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 24th 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

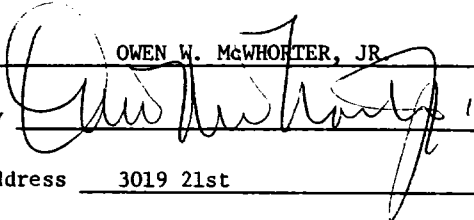
WHEREAS, the undersigned is, or claims to be, a Royalty Owner or a Working Interest Owner, or both, in one or more of the Tracts described in Exhibit "B-1" of the Unit Agreement:

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 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

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

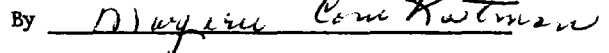
WHEREAS, the Unit Agreement and Unit Operating Agreement each provides that a person may become a party thereto by signing the original of said instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions thereof; and

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.

ATTEST WITNESS:

Date June 15, 1987MARJORIE CONE KASTMANBy Address P. O. Box 5930Lubbock, TX 79417-79408

TO BE COMPLETED BY NOTARY PUBLIC

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: 3/12/91

Wanda L. Hash
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:

CHARLES L. COBB

By



Date

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 R. 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

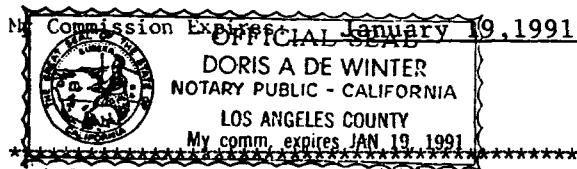
STATE OF CALIFORNIA:
COUNTY OF LOS ANGELES:

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 Moran Jernigan 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 _____

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 1st 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:

IRMA SPEAR

By

Date

Address P. O. Box 206

Perkinston, MS 39573

STATE OF MISSISSIPPI }

:SS

COUNTY OF STONE }

The foregoing instrument was acknowledged before me this
day of JUN 27 1987, by IRMA SPEAR

A. W. Adams
Witness my hand and official seal.

Myrtle Hickman
Notary Public

My Commission expires October 19, 1988

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 _____
