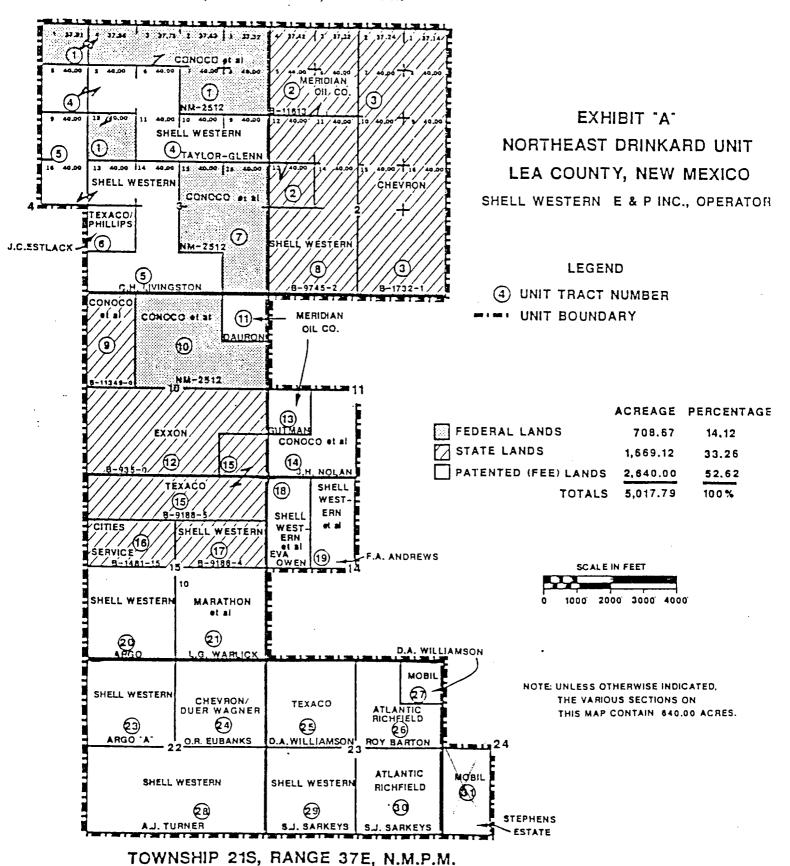
CURRENT WATER PRODUCTION WITHIN PROPOSED NORTHEAST DRINKARD UNIT AREA

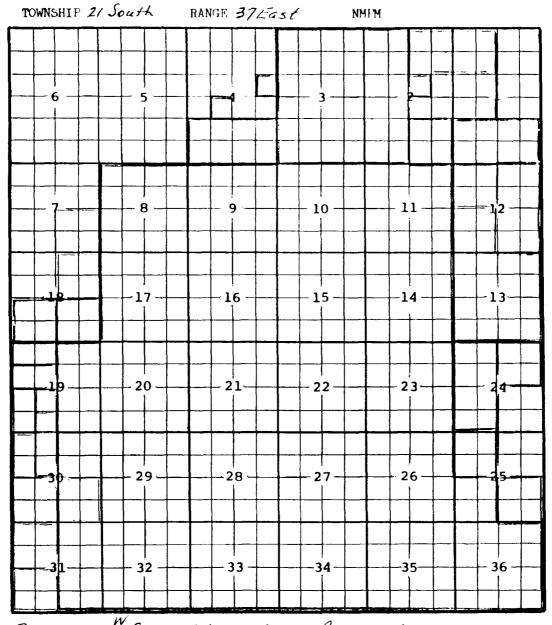
There are 140 wells currently producing from the Blinebry, Tubb, and Drinkard zones within the Unit area. A total Unit area water production volume of between 200 and 225 barrels(*) is produced each day. Each well produces on the average approximately 1.5 barrels of water per day.

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

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



58-1-5 2			
48-11-7			
Lots 3 4 5 and 6 Sec 1, hots 1, 2, 2 and 8 (A. 7554, 6-14-54) Ext. N/4 Sec. 24 (A-77/4, 11-2-54) Ext. Lots 11, 2, 13, and 14 Sec. 1, Lots 9, 5, and 16. Suc. 2 (A-7842, 3-1-85)			÷
2 2 ncl 8 6			
Ext. Nots 11, 2, 13, and 14 Sec. 1, hots 1, 2, 2. Ext. Not Sec. 24 (A-77/4, 11-2-84) Ext. Lots 11, 2, 13, and 14 Sec. 1, Lots 9,			·
Sec. 1, ic 12-77/4, nd 14 Sec			
ec, 24 (
2 2 2			



Description: 2 Sec. 2; All Sec. 3 (850, Redcfined)

Ext: All Sec & 9,10,11,415,16,17; \$\frac{7}{2} \Sec. 19; \text{All Sec. 20 thru 23; \$\frac{5}{4}\$ \sec. 25;

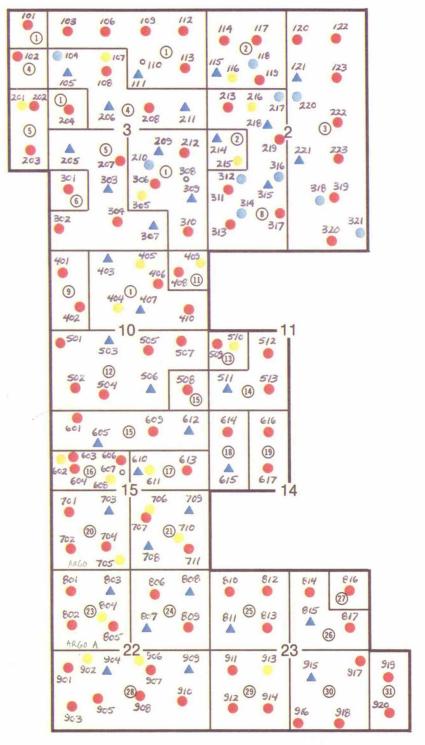
All Sec. 26 thru 29; \$\frac{7}{2} \sec. 30; \$\frac{7}{2} \sec. 31; \text{All Sec. 32 thru 36 (R-92)}

\$\frac{7}{2} \sec. 4 (R-136) - \text{All Sec. 30(R-313)} - \frac{7}{2} \sec. 24 (R-511) - \frac{7}{4} \sec. 12 (R-161) \\

\$-\lambda t \sec. 4 (R-118 12-1-61) - \frac{5}{2} \frac{5}{4} \sec. 19; \$\frac{7}{2} \frac{7}{4} \sec. 30 (R-21873-1-61)}

\$-\frac{7}{4} \sec. 19 \left(\frac{1}{2} \right) \frac{7}{2} \frac{7}{4} \sec. 19 \left(\frac{7}{2} \right) \frac{7}{2} \right) \frac{7}{2} \sec. 19 \left(\frac{7}{2} \right) \frac{7}{2} \sec. 19 \left(\frac{7} \right) \frac{7}{2} \right) \frac{7}{2} \sec. 19 \left(\frac{

Proposed Flood Plan _



LEGEND

- WATER SOURCE WELL
- GAS WELL
- OIL WELL
- **WATER INJECTION WELL**
- **1 TRACT NUMBER**



1 MILE ½ MILE , SCALE

PROPOSED NORTHEAST DRINKARD UNIT

WELLBORE UTILIZATION & INJECTION PATTERN

Ext: 9, 54 Sec. 24 (R-7393, 1-1-63) - E/2 NE4 Sec. 25(R-2569, 10-1-63)
- 1 4 Sec. 24 (R-4014, 9-1-70). Ext: 5/4 Sec 36, (R-4969, 4-1-75)
Ext: 50/4 Sec 36 (R-5015 6-1-75) Ext: 1/2 Sec 36 (R-5056 1-1-75)
Ext: 5E/4 Sec 25 (R-5171, 4-1-76) Ext: 1/2 NE/4 Sec 25 (R-5511, 9-1-77)
Ext: NE/4 Sec 35 (R-5609, 1-1-78)

	RANGE 38	1 South		
		JUJA	~ /	/ 3
			7 8	6
3 - 2 - 1 -	4	5 -	14 9	2 11
10 - 11 - 12 -	9	8-		
	Š			
15 14 13	16	17-	-	-1
	2		+	+
22 23 24	21	20 –	-	-1
27 26 25	28	29-) —	- 3
34 35 36	33	32 -	1-	-3
	33-	32 -	1-	3

TOWNSHIP 22 South	RADICE 36 East	111111	
44		The second secon	
6 - 5	4	5 2	
	Coccon and		
	ALC: NO.		2000 Paris Sept.
7	9		
- Lacron - L	STATE OF STA	APA-Data gan	
	Value of the second		
18 17	1.16	5 14	3
		T. Sept.	
Cancer.			
19 - 40	7.1	2 3	24
The second	37.0	8,000	
- Control - Cont			
30 29		7	25
- Language Park	44.0		
100	Sales Constant		
31 32	The state of the s		
31		The state of the s	36,
0/5	17.172) F + SE/	4	- y-e una

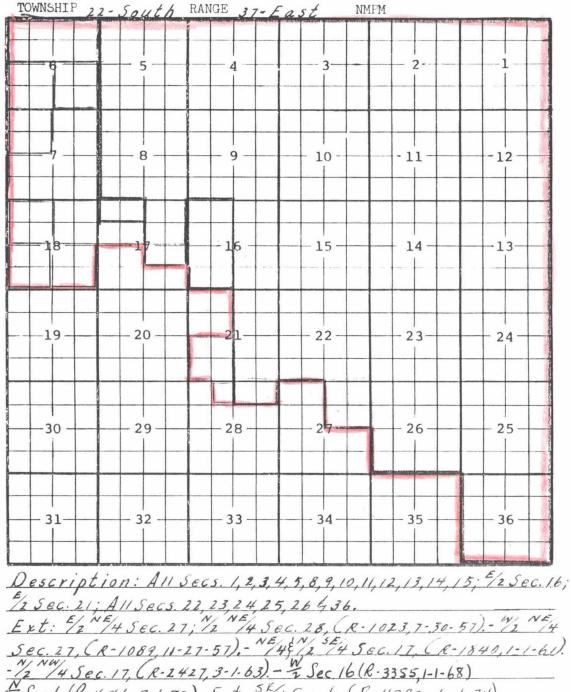
Ext: NE Sec. 1 (R-4566, 7-1-73) Ext: 5E/4 Sec. 1 (R-4782, 6-1-74)

Ext: NE 4 Sec. 13 (R-5754, 7-1-78)

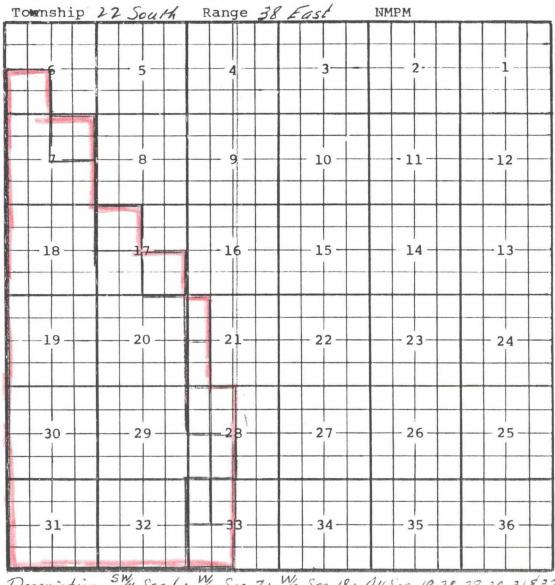
Ext: 5E/4 Sec. 12 (R-5987, 4-1-79) Ext: NW/4 Sec. 1 (R-605, 6-1-79)

Ext: SW/4 Sec. 12 (R-6274, 3-1-80) Ext: NW/4 Sec. 13 (R-6657, 4-20 51)

Ext: NE 4 Sec. 12 (R-7917, 5-13-85)



Sec. 27, (R-1089, 11-27-57), - NE/48/2 74 Sec. 17, (R-1840, 1-1-61).
-1/2 1/4 Sec. 17, (R-2427, 3-1-63). - 2 Sec. 16 (R-3355, 1-1-68)
-Nec. 6 (R-4566, 7-1-73). Ext: 5 / 4 Sec. 6 (R-4782, 6-1-74) Ext: 50/4 Sec4, N/4 Sec7 (R-5102, 10-1-75) Ext. NEH NW 4 Sec 28 (R-5252, 9-1-76) Ext. 35 My son 17 Ny Co. 17 · 54/4 50021 (R 5456, 7-1-77) Ext. NW Sec 18 (R-5511, 9-1-77) Ext: 5 4 Sec 18 (R-5609, 1-1-78) Ext: 5/2 \$ 54 Sec 7 (R-5781 7-1-78) Ext: 55/4 5cc. 18 (R-5987 4-1-79)



Description: 5^W4 Sec. 6; W₂ Sec. 7; W₂ Sec. 18; All Sec. 19, 20, 29, 30, 3/832.

Ext: 42 Sec. 18(R-382) - ^{SE}4 Sec. 7(R-584, 2-16-55) - ^{3W}4 Sec. 17(R-1372, 5-1-59)

- NW₄ SV₄ Sec. 28(R-1633, 4-1-60) - ^{SW}₄ SW₄ Sec. 28(R-2119, 12-1-61)

- W₂ NW₄ Sec. 33(R-7741, 6-1-61) - ^{NW}4 Sec. 17(R-2612, 5-1-64) - ^W2 NW₄ Sec. 48(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)
-W SW Sec. 21(R-3067, 6-1-66) - \$ Sec. 17(R-3139, 11-1-66) - \$ Sec. 21; \$ \$ Sec. 21; Lots 3,48 W SW Sec. 33 (R-3818, 9-1-69)

TOWNSHIP 23-South	RANGE 38-E	est NM	IP M	
6 5	3 5 1 4 4 4 4 4 5 4 5 6 6 6 6 6 6 6 6 6 6 6 6	3	2-	1
8	9	10	-11	-12
18 17	16	15	14	-13
	- 21	22	23-	24
30 29	28	27	26	25
31 32	33	34	35	36
Description: Sees.	566.			

Xt: 2 Sec. / LR	-3455, 8-1-68)	-LOT 283(K	-5818,7-1-69)-	N NE 2 4 SEC. 18(R-3895,1-1-)
		- ATTENDED		
			A Real Property Control of the Contr	

COMPLETION AND PERFORMANCE HISTORY

of

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

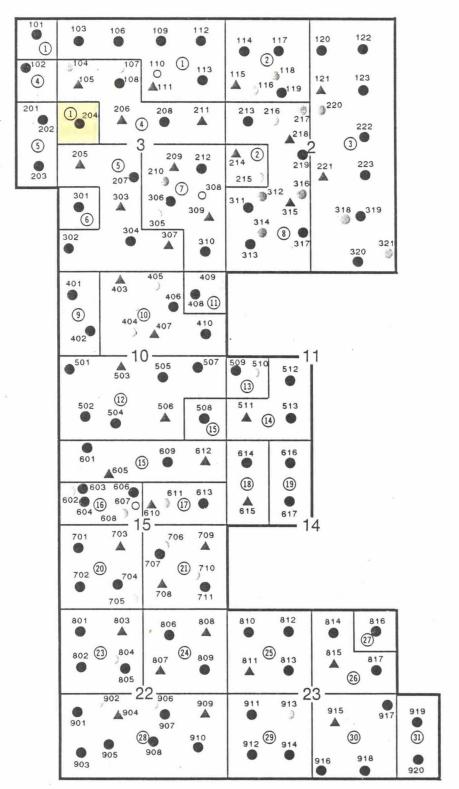
Sources of Information

- 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 ½ 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.
- $^{\circ}$ 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.
- $^\circ$ 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

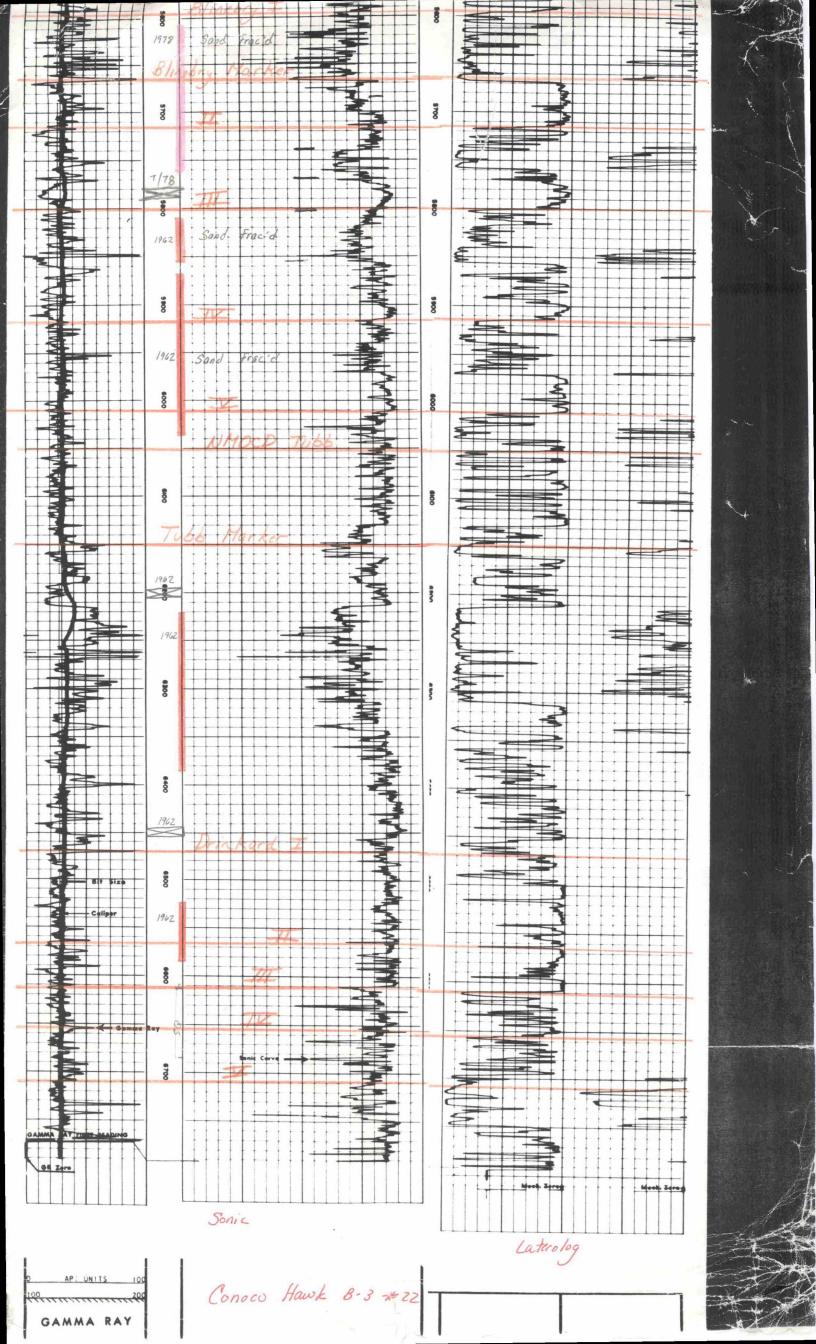
PERFORMANCE HISTORY TABLE

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

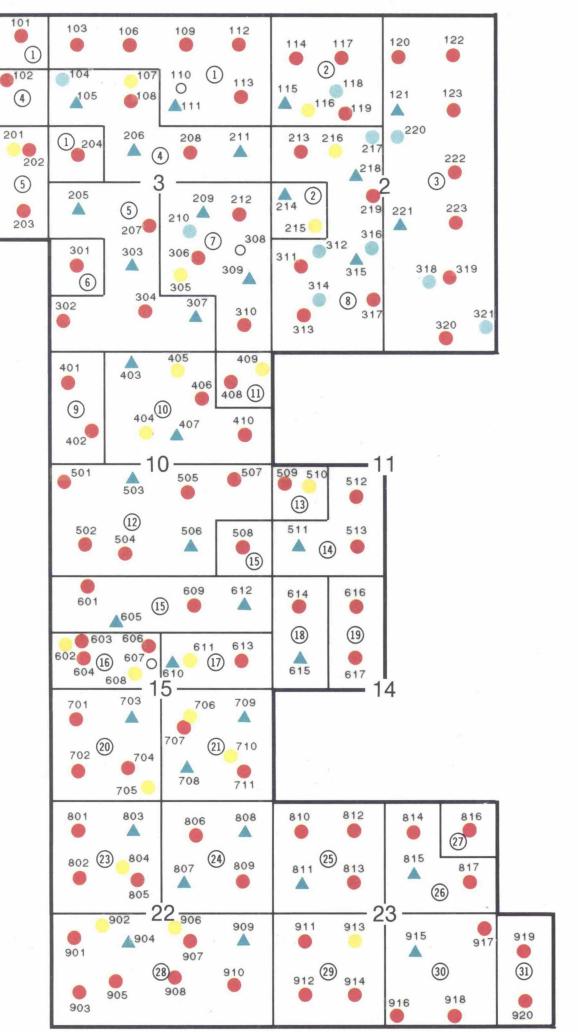
	CONDENSATE		G	AS	CUMULATIVE		
YEAR	MON	(bbl)	(bpd)	(mcf)	(mcfpd)	(bbl)	(mcf)
1978	JAN	0	0.0	0	0.0	0	0
	FEB	0	0.0	0	0.0	0	0
	MAR	0	0.0	0	0.0	0	0 0
	APR	0	0.0	0	0.0	0	0
	YAM	0	0.0	0	0.0	0	O
	JUN	0	0.0	0	0.0	0	0
	JUL	0	0.0	0	0.0	0	0
	AUG	0	0.0	0	0.0	0	0
	SEP	481	15.9	37970	1255.2	481	37970
	OCT	510	16.9	4026	133.1	991	41996
	NOA	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	25 4 7	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
	NOA	361	11.9	17747	586.7	4964	241605
	DEC	402	13.3	14501	479.4	5366	256106
1980		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 FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	144 17 22 24 120 142 145 77 66 76 67	4.8 0.6 0.7 0.8 4.0 4.7 4.8 2.5 2.2 2.2	10265 9034 10708 9827 9934 5096 2194 2416 3036 9433 7946 8653	339.3 298.6 354.0 324.9 328.4 168.5 72.5 79.9 100.4 311.8 262.7 286.0	7449 7466 7488 7512 7632 7774 7919 7996 8062 8138 8205 8270	369963 378997 389705 399532 409466 414562 416756 419172 422208 431641 439587 448240
	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	70 66 51 55 51 53 48 47 47 60 61 58	2.3 2.2 1.7 1.8 1.7 1.8 1.6 1.6 2.0 2.0	8144 7283 7258 7708 7550 7397 7168 7586 6586 7663 6049 5925	269.2 240.8 239.9 254.8 249.6 244.5 237.0 250.8 217.7 253.3 200.0 195.9	8340 8406 8457 8512 8563 8616 8664 8711 8758 8818 8879 8937	456384 463667 470925 478633 486183 493580 500748 508334 514920 522583 528632 534557
	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	77 62 60 79 71 64 69 77 73 72	2.5 2.0 2.0 2.6 2.6 2.3 2.1 2.3 2.5 2.4 2.4 2.6	6140 5835 5902 5992 5718 5724 5307 3775 1842 2260 1993 2373	203.0 192.9 195.1 198.1 189.0 189.2 175.4 124.8 60.9 74.7 65.9 78.4	9014 9076 9136 9215 9294 9365 9429 9498 9575 9648 9720 9798	540697 546532 552434 558426 564144 569868 575175 578950 580792 583052 585045 587418
	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	72 66 79 56 71 188 179 44 43 109 92	2.4 2.2 2.6 1.9 2.3 6.2 5.9 1.5 1.4 3.6 3.0	2932 3171 1904 1593 3347 3737 3802 3599 3838 4215 3589 3781	96.9 104.8 62.9 52.7 110.6 123.5 125.7 119.0 126.9 139.3 118.6 125.0	9870 9936 10015 10071 10142 10330 10509 10553 10596 10705 10797 10899	590350 593521 595425 597018 600365 604102 607904 611503 615341 619556 623145 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



oposed 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

OPERATOR		LEASE	Em Eller
SWE	PI WETHERS	T DRINKARDUNIT	(FORMERLY SWEPI'S) TAYLOR GLENN #11
105W	2000 ENI É (-(-0) EN	SECTION JL 3 - 2	TOWNSHIP PANCE
	2080 FINE - GEOFF	5 - 2	19-3 IF
<u>Sch</u>	ematic	Tabula	r Deta
11		Surface Casing	•
		Size 85/8" "	Cemented with 400 sx.
			determined byCIRC
		Hole size11"	
	≥ 85%" @ 1380'	Intermediate Casing	
		Size	Cemented withsx.
			determined by
		Hole size	
		Long string	
		Size $\frac{51/2}{}$ "	Cemented with 760 sx.
		100 <u>3975'</u> feet	determined by CALC. 4/50%
		Hole size	USSES
		Total depth68	10'
\boxtimes	\bowtie	Injection interval	
	BLINEBRY	± 5650 feet to ±	t6750 feet (PERF'D)
	= ±5650-5800'	(periorated of open-nois,)	Indicate which)
	* DOWNHOLE FLO	M REGULATOR IN	•
\boxtimes	SIDE POCKET P BOTH ZONES	HANDREL OPPOSITE	
	DRINKARD		
	± 6550-6750'		
		,	
	5½ ° 6870'		
=	32 6 60 10		
Tubing size	23/8" lined	with FIBERGLASS E	EPOXY set in a
\mathbb{R}_{n-1}		(material)	
DHKEDL	OK- DET (CE EQUIVAL and and model)	Put) packer at	
(or describe	e any other casing-tubing	seal). & TENSION S	ET PKR @ ± 5600'
Other Data		£. /r	
		BLINEBRY DE	
		DRINKAR	
		<pre>jection?</pre>	
4, no,	_	DIL AZDENCER	
4. Has the	· · · · · · · · · · · · · · · · · · ·		it all such perforated intervals
and give	e plugging detail (sacks o	f cement or pringe plug(s)	used.
	· · · · · · · · · · · · · · · · · · ·	-10-	
<u></u>	a docth to the second		
this ar		- overlying and, or breezlyin	g bil ni n i zines (ini) (in
			(17)
			V 57

OPERATOR

OPC	RATOR		LEASE	/E-01	ERLY CONOCO ETAL
-	SWEPI	No	RTHEAST DRINKARDU	NIT (W.C	. HANK B-3 No. 15
WEL	L NO.	•			RANGE
	29 M	60' FNL \$ 1980	S' FEL 3	<u>- 512 -</u>	37E
	<u>S</u> chema	tic	Tah	bular Data	
			Surface Casing	<u> </u>	i.
			Size 1 3/4 "	be to ema?	With 375
		1134"@270"	TOC SURF	fork debassiand	withsx.
			Hole sizeN/A		by <u>CIRC</u>
			NOTE 3176 10/P	<u> </u>	
			Intermediate Casing		
			Size 75/8"	Cemented	with 1112 sx.
			TOC 1517	feet determined	by TEMP SVY.
			Hole size N/A	<u> </u>	_
			Long string		
			Size $\frac{5/2}{}$	Cemented	with375 _sx.
	4	7%"@3061'	TOC 3190 F		
			Hole sizeN		_
			Total depth	25'	_
			Injection interval		_
				* * /~~	fact (Damie)
			•±5750 feet to (perforated or open-hol	le, indicate wh	ich)
					•
		BLINEBRY			
		\$5750-6000			
		5½" @ 6024'			
	TD: W)))			
		63/*			
Tub	ing size _	<u>278</u> lineo	with FBEROLASS (mater	EPOXY	set in a
	BAKERLO	K-SET (OR EQUIVA	ENT) packer at	± 570	feet
(or	describe	c and model) any other casing-tubing	g seal).		
	er Data				
		he injection formation	BUINE	BRY	
		ield or Pool (if applie	7-		
			injection? /// Yes		 .
			well criginally crilled	,	
	,	_	Process		
4.	Has the w	ell ever teen perforate	ed in any other cone(s)?	List all such	perforated intervals
	and give	plugging detail (sacks	of cement of thinge plus	g(s) uses)	
		· ·	-NO-		
۶.	Give the		ny tverlyur unu er unce	ilar; cil er ç	;cs zche. (b ls) in
					V71.

OPERATOR		LEASE		·			
SWEPI			DINIVADALL	,,, , (1	formerly W.C. Hav	nk B-3	No.24
111W	FOOTAGE LOCATION	NORTHEAST D					1
	2232'FNL \$ 23	IO FEL	<u> </u>	<u>- 21S-</u>	37E		
Schen	matic		Tabula	r Deta			ı
		Surface Casing					•
		Size <u>85/8</u>		Cemented	with	<u>599</u>	_sx.
		TOC SURF	feet				
		Hole size	12/4"		•		
		Intermediate C	asing				
4	8%"e 1395'	Size		Cemented	with		sx.
		TOC	feet	determined	by		
		Hole size		·	_		
		Long string					
		Size 5 1/2	<u></u> "	Cemented	with Z	21 ما	Sx.
		TOC SURF	feet	determined	 d by	CIRC	
		Hole size					
		Total depth _	6875	1	_		
		Injection inte	rval				
\boxtimes		(perforated or	feet to	± 6800	fe	et (PES	ef'D)
	BUNEBRY	(perforated or	open-hole,	indicate wh	iich)	(, -)	,
	1 = ±5700'-1000'						
		» ~					
\boxtimes		* DOWNHOUS SIDEFOCI	E FLOW RE KET MANDRE				
	DRINKARD = 1,500-6800'	BOTH ZO					
	1 = 6500 - 6500						
	∃						
	5½"@ 6875'						
TDIGE	375'						
	7 / 11						
Tubing size	25/81ir	ned with FIBS	ERULASS (material			_ set in	n a
BAKELLO	K-SET (OR EQUIV	ALBIT)	packer at	•	2	feet	: ,
(bra	nc and model; any other casing-tub:	ω/	ICIBUST A	1 PKR	2 ± 74	5650'.	
Other Data		, , , , , , , , , , , , , , , , , , , ,					
	the injection formation	B. B.	NEER DR	NKARD			
	Field or Pool (if app.		DRINKA				
3. Is this	a new well drilled fo.	r injection? /_/	Yes 🂢	No			,
If no, f	or what purpose was i	ne well originall,	crilled?				
	DRIVARD	AROUGE					
4. Has the	well ever been perfor	ated in any other	zone.s/7 Li	st all sucr	perfora	ited into	ervols
and give	e plugging detail vsec r	ks of cement of the $-NO-$	i i ye plug(s)	uses;		 	
		-70-					
5 Cive +F	e dupto t o and hate o f	any nynthylmo ar	. sr unden'er	ra oil er e	35 ZODE:	 s (pages	
this are							
				- 		~	
							171
						`	'IJ,

UPERATUR		LEASE	FORMERLY MERIDIM'S
SWEP	I	NORTHEAST DRINKARD UNIT	TOWNSHIP RANGE BY CONOC
TILE NU.			
_ 114W	906 FNL ε 1660	FWL 2	- 215 - 37E
C. L.			
<u>sene</u>	matic	Tabuli	ar Deta
		Surface Casing	
		Size\3 ³ /8_ "	Cemented with 240 sx.
4	133%, @ 508,		
			determined by CIRC
		Hole size 171/4"	
		Intermediate Casing	
		Size 85/2 "	Cemented with 1750 sx.
		5176	temented with 1130 sx.
			determined byCIRC
		Hole size11"	
		INTERHEDINE Long Vatring	
	05/" 0 221		
	8%" @ 3008'	5ize <u>5/2</u> "	Cemented with 225 sx.
		TOC 4780 feet	determined by Tap Suy
		Hole size	
		Long String	
		SIZE 31/2" ILIED	CEMENTED WITH
		•	
		TOC TOL@ 5648' D	ETERMINED BY TIRC
		Hous Size 43	<u></u>
	TOL@ 5648'		•
		TOTAL DEPTH 689	8
	#	INJECTION INTERVAL	
4	► 5½" @ 6030°		
		±5750 FEET 70±66	350 FEET (PERF'D)
	#		
	丰		
4	3½" @ 6898"		
Tuhino siza	$\frac{2^{3/8}}{}$	ined with FIBERGLASS	FPOXY set in a
Juoring Size		(materia)	.)
32 BAKER L	DK-SET (OR EQ)	DIVALENT) packer at _	± 5700 feet.
,,,,	and and model)	him1)	
(or describe	e any other casing-tu	bing seal).	
Other Data		_ : 1	
1. Name of	the injection format	200 BLINEBRY DR	RINKARD
2. Name of	Field or Pool (if ap	plicable) DR:NKAR	<i>D</i>
			·
		or injection? / Yes 💢	
If no,		the well originally crilled?	
	B.	INERY PRODUCER	
4. Has the	well ever been perfo	prated in any other zone s'n Li	ist all such perforated intorvois
and giv	e plugging detail (sa	icks of cenent or bridge plug(s	used
	, ⁻	, — NO -	
			
		of any overlying and/or underly	ing a line and recording to
this ar		2: any overlying and or oncerly	
		·	
-			
			ΛŚ
			* I)_;

OPERATOR	· · · · · · · · · · · · · · · · · · ·	LEASE		·	
SWEPI	Nor	THE POT DRINKN	ED DHIT	FORMERLY M	
WELL NO.	•				
115W	1896'FNL € 666	D'FWL	<u>2</u> -	<u> 215-37E</u>	
Schemat	:ie		Tabula	r Deta	
		Surface Casing			•
		Size 133/8		Cemented with	165 sx.
		TOC SURF			
	133/6"@152"		174"		
.		Intermediate Cas	ino		
		Size 95/8		Cemented with	11.000 5%
		TOC SURF			
		Hole size	. 14		CIRC
	95%"@ 3004'	Long string			
	— 9/8 @ 3004·	Size 52	*	Carachad	E 50
		TOC 4250 Hole size	_ , ,	determined by	IBMD 2017
· 🖂 🕽	# BUNEBRY	Total depth		1	
	±565>-5800				
	×	Injection interva		_	,
	# TUBB # ±6300-6450	(perforated or op	feet to <u> </u>	16800 (Indicate which)	feet (PERF'D)
	# DRINKARD				•
	T ±6500'- 6800'				
	CIBD				
	<u> </u>				
	‡				
	5½ @ 8519'				
	~3/ ₀ "		7/ 1 0= 5	EDONA	
Tubing size		d with FIBER	(material)		set in a
BAKER LOK-S	ET (OR EQUIVALENT				feet,
(or describe a	ny other casing-tubin	g seal). w/ TE	ENSION F	okes at ±6250) AND = 5600!
Other Data			<i>i</i> ,		
1. Name of th	e injection formation	BLINEERY	TUBZ/I	DRINKARL	
2. Name of Fi	eld or Pool (if appli	cable)	DRINKARD		
3. Is this a	new well drilled for	injection? 💯 Y	es 💢	No	
If no, for	what pumpose was the	well criginally r	:le:		
	DRINKARD	- HODUCER			
4. Has the we	ell sver been perforat Nugging datail (sacks	ed in any other ic of cement or bris	novo i Li pe piunisi	et all such perfo uced	orated intervals
		'Isolated W/			 1952
<u>vvi ICMI</u>	<u></u>		<u> </u>		
5. Give the c	depth to and hame of a	ny overlying and c	: L _ :1.:	nn cul († gas gan	re sorio in
this area.			 	· · · · · · · · · · · · · · · · · · ·	

OPERATOR		LEASE	From	CHEVRON'S)
SWEPI WILL NO.	North	EAST DRINKARD WIT	(HARRY L	EDNARD # 10
_				EON LOD # 10)
121W	2220'FNL & 2307'	FEL 2	<u>- 215 -</u>	37 <u>E</u>
<u>5cl</u>	hematic	Tabul	er Deta	· ·
		Surface Casing		
		Size 13 ³ /8 "	Cemented	with 425 sx.
	1236" @ 275'	TOC SURF fee		
		. 17		U)
		Hole size		
		Intermediate Casing		
		Size 85/8 "	Cemented	with 2950 sx.
		TOC 317 fee		
		Hole size 11"		<u></u>
		uote site TT		-
		Long string		
		Size	Cemented	with 1120 sx.
		TOC 3100 fee	t determined	by TENDSON
4	85%" @ 3024'	Hole size		
		Total depth <u>5950'</u> (c	-a 58	44)
		lotal debth 2920 C	39 10 30	** 1)
		Injection interval		
		• 5844 feet to (perforated or open-hole,	5950	feet OPEN
		(perforated or open-hole,	indicate wh	(Hous)
				\ /
				•
\succeq				
	5½ ° @ 5844 °			
{	}			
\	BLINEBRY			
}) OPEN HOLE			
>				
لي	EDEA			
II.	o: 5950'			
	" \s\5"	with FREQUASS	EDONA	ant in n
Tubing si		i materia	1 /	Sec 111 6
_ Pake	RLOK-SET (OR EDULY	ALENT) packer at _	± 580	<u>O</u> feet.
- (brand and model)	,		
	ibe any other casing-tubin) 2EGI/.		
Other Dat				
1. Name	of the injection formation	<u> </u>	RY	
2. Name	of Field or Pool (if appli	caple) Deinki	1292	 .
3. Is th	is a new well drilled for	injection? <u>/ /</u> Yes <u>X</u> /	No	
		well originally smalles?		
_ 1 110	RUNFERY		· · · · · · · · · · · · · · · · · · ·	<u> </u>
4. Has t	he will ever been perforative pluncing detail (sacks	ed in any other condus(?) Lof cement or bridge blug(s	ist all such () uded	e perforated intervals
ے بن ق		•		
		-110-		
		ny overlying and ar underly	orgoulet g	ges zones (in lich in
this	ares.			
				112×
				V?/_ /_

OPERAT	OR		LEASE	(FORMERLY SWEPT'S)
SN	JEPI	NORTHEAST	DRINKARD UNIT	(LIVINGSTON #]]
	•	•		RANGE
	<u>ماما (۱۷</u>	0 FWL & 3300	FSL	3 - 215 - 37E
	Schematic	1.1		Tabular Data
			Surface Casing	
	§			" Cemented with 250 ex.
				feet determined byCIRC
4		05/"@ 27."	Hole size	
				1214
- - -	<u> </u>		LONG STRING "A"	
				" Cemented with <u>635</u> sx.
3	A 0. A		TOC <u>2400</u>	feet determined by TEMP SNY
	٥			
4	D D		Long string "B"	
				_" Cemented with <u>635</u> sx.
				_ feet determined by
i i				_ test determined byIEAT_OTI
<u> </u>	<u>.</u>		Long STRING "C"	_
	0			(ETHENTED WITH 635
		i i i i i i i i i i i i i i i i i i i	TOC _2400	PEET DETERMINED BY TEMP SVY
			HOLE SIZE	834"
	•	-	TOTAL DEPTH _	0730' ("A" & "B" to 6724', "C" to 6726')
	٥		INJECTION INTER	
<u> </u>	Ē	: <u>_</u>	+5450' - 585	o in "B" string
12	3 7 0	±		•
"A" ~	6	2% @6726) IN "C" STRING
27/8"@6724"	6	A A	"A" STRING	15 PEA'D
		2.0		
		"""		
		27/8"@6	7241	•
	0.000		, , _ ,	
	TD: 6730'			
Tubing	size 11/2"	IN "B" E"C" lined	with PLASTICOA	TNG (SC-750 EQUIL BIT) set in a
27/0° FG	23	OR EXIVALEN	(ma	terial) at ±5600 N "B" ###
<u> </u>	(brand and		packer	AND ± 6400' IN "C"
(or de	scribe any o	ther casing-tubing	seal).	
Other				D" N
1. Na	me of the in	jection formation _	BLINEBRY IN "	B, DRINKARD IN C
		or Pool (if applica		JRINKARD
3. Is	this a new	well drilled for in	njection? /// Yes	⋌ ∕ №
If	no, for wha	t purpose was the	ell originally drill	ed?
	BINBERY	TURB/DE-NKARD) IRIPLE LUBINU	EES HRODUCER
4. Ha	s the well e	ver been perforated	d in any other zone(s of cement or bridge p	s)? List all such perforated intervals
an	o dise bindd	tud netall (sacks (cement or orlage p	140g(3) 05e0/
•				
-		A. a.d	u pupluine	odenlying ail on one ()
	ve the depth is area.	to and name of an	y oversying and/or un	nderlying oil or gas zones (pools) in
	. —			

SWEPT FOOTAGE LO	DEATHERST DRINKA	ARD UNIT (TAYLOR GLENN #1)
	NL & 1980' FWL	
2001 5226 F	NC 8 1980 FNC	3-21S-37E
Schematic		Tabular Data
	Surface Casina	1000101 0010
	Surface Casing	
	Size1078	" Cemented with 250 sx.
	TOC SURF	——————————————————————————————————————
	3% @ 301' Hole size	174"
- - '		
	Intermediate Ca	
	Size <u>878</u>	Cemented with 4800 sx
	TOC SURF	feet determined byCIRC_
05	("@ 3879' Hole size	11"
	•	
	Long string	
	5ize	Cemented with 675 sx
	TOC <u>2915'</u>	feet determined by TEMP SUY
BLINE	ETRY Hole size	<u></u>
1 25650		8590' (cey to 8060')
	-	
	Injection inter	
DRIN	KARD (Gertorated of	feet to ±6715 feet (Feet)
± 650	اتها ۱۵ اتها - ۲۵ اتها	open-noie, indicate which
		•
CIRP	© 8000' V	
		FLOW REGULATORS IN SIDEPOCKET
	* DOMHDUE I	FLOW REGULATORS IN SIDEPOCKET OPPOSITE BOTH ZONES.
	"DOWNHOLE I	
5½"0	"DOWNHOLE I	
5½"6	"DOWNHOLE I	
5½"6	BOLO' MANDOELS	OPPOSITE BOTH ZOWES.
5½"6	BOLO' MANDOELS	ERGLASS EPOXU set in a
TD: 8590' ubing size 23/8"	BOWO' MANDOES	EROLASS EPOXU set in a (material)
TD: 8590' ubing size 23/8"	Ined with FIBE	EROLASS EPOXY set in a (material) acker at ± 6450 feet,
TD: 8590' ubing size 23/8" Baxes low-Set (8) (branc and mocel	lined with FIBS	EROLASS EPOXY set in a (material)
TD: 8590' TD: 8590' Whing size	lined with FIBS	CROSITE BOTH ZONES. CROSITE BOTH ZONES. Set in a (material) acker at ±6450 feet,
TD: 8590' TD: 8590' BARD LOV-SET (branc and model or describe any other of ther Data	lined with FIBS PR EDUNALENT) casing-tubing seal).	EROLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600!
TD: 8590' TD: 8590' TD: 8590' Correction and model or describe any other of the injection of the injectio	lined with FIRE PREDUNALENT) casing-tubing seal). AND The formation Bune	EROLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600!
TD: 8590' TD: 8590' TD: 8590' Chranc and mocel or describe any other of the injection. Name of Field or Foots.	lined with FIBS PREDUNALENT P casing-tubing seal). AND con formation Bune col (if applicable)	EROLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD
TD: 8590' TD: 8590' TD: 8590' Chranc and mocel or describe any other of the injection. Name of Field or Foots.	lined with FIRE PREDUNALENT) casing-tubing seal). AND The formation Bune	EROLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD
TD: 8590' TD: 8590' Barel Ox-Set (a) (branc and model or describe any other of the injection of the injec	lined with FIBS PREDUNALENT P casing-tubing seal). AND on formation BUNE cl (if applicable) drilled for injection?	EROLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD Yes X VC
TD: 8590'	lined with FIRE PREDUNALENT Passing-tubing seal). AND casing-tubing seal). Conformation Bunk Cold (if applicable) drilled for injection?	EROLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD Yes X VC
TD: 8590'	lined with PREDUNALENT	EROLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! ERRY DRINKARD DRINKARD Yes X Vo COLLEGE CONCIST List all such perforated interval
TD: 8590' TD: 8590' Bayes	lined with PREDUNALENT	ERGLASS EPOXY set in a (material) acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD Yes X VC CTUILED?
TD: 8590' TD: 8590' Bayes Set (8) (branc and model or describe any other of the injection of the injectio	lined with PREDUNALENT	EROLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! ERRY DRINKARD Pes X Vc Conclete list all such perforated interval
TD: 8590' TD: 8590' Bayes Set (8) (branc and model or describe any other of the injection. Name of the injection. Name of field or food. Is this a new well of the injection. Has the well ever be the set of	lined with PREDUNALENT	EROLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! ERRY DRINKARD Pes X Vc Conclete list all such perforated interval
TD: 8590' TD: 8590' Barry Low-Set (a) (branc and model or describe any other of other Data Name of the injection of the i	lined with FIRE PREDUNALENT P casing-tubing seal). AND casing-tubing seal). Con formation Bune cal (if applicable) drilled for injection? Conse was the well originally case perforated in an. other a etail (sacks of cement or bri -NO-	ERCLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD Yes X Vc TRILLED TOTOR TOTO
TD: 8590' TD: 8590' Barry Low-Set (a) (branc and model or describe any other of other Data Name of the injection of the i	lined with FIRE PREDUNALENT P casing-tubing seal). AND casing-tubing seal). Con formation Bune cal (if applicable) drilled for injection? Conse was the well originally case perforated in an. other a etail (sacks of cement or bri -NO-	EROLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! ERRY DRINKARD DRINKARD Yes X Vo COLLEGE CONCIST List all such perforated interval
TD: 8590' TD: 8590' Bay Set (and mode) (brand and mode) or describe any other of ther Data Name of the injection Name of Field or Pool Is this a new well of If no, for what purp Has the well ever be and give plunging de	lined with FIRE PREDUNALENT P casing-tubing seal). AND casing-tubing seal). Con formation Bune cal (if applicable) drilled for injection? Conse was the well originally case perforated in an. other a etail (sacks of cement or bri -NO-	ERCLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD Yes X Vo TRILLED TOTOLOGY TO
TD: 8590' TD: 8590' Bay Set (and mode) (brand and mode) or describe any other of ther Data Name of the injection Name of Field or Pool Is this a new well of If no, for what purp Has the well ever be and give plunging de	lined with FIRE PREDUNALENT P casing-tubing seal). AND casing-tubing seal). Con formation Bune cal (if applicable) drilled for injection? Conse was the well originally case perforated in an. other a etail (sacks of cement or bri -NO-	ERCLASS EPOXY set in a (material) set in a acker at ±6450 feet, TENSION SET PKR @ ±5600! BRY DRINKARD Yes X Vo TRILLED TOTOLOGY TO

OPERATOR		LEASE	FORMERLY CONOCO ET. N.
SWEPI	FOOTAGE LOCATION	THERET DRINKARD UNI	TOWNSHIP RANCE
209W	•	FEL	
	3130 P3C 4 103C	PEL	2-213-312
<u>Sch</u>	nematic	Tabu	olar Dato
		Surface Casing	-
	13/"0 0-1		Cemented withsx.
-	13%"@ 250'	TOC SURF	eet determined byCIRC
		Hole size $\frac{1}{2}$	
		Intermediate Casing	
		Size95/B"	Cemented with 1370 sx.
		roc 1450 re	et determined by EMPSVY
		Hole size 12	<u> </u>
		Long string	
	95%"@ ±3150'	Size	Cemented withsx.
			et determined by TEMPSVY
		Hole size 8^{3}	4
		Total depth 811	4
		Injection interval	
X	BUNEBRY		+6750 feet (PERF'D)
	= ±5750-6000	(perforated or open-hole	, indicate which)
\boxtimes			,
	# DRINKARD # 1650-6750	_	
		* DOWNHOLE FLOW ?	EQULATOR IN SIDEPOCKET
		MANDREL OPPOSITE	E DUH IN IBSANCE
	HARE-MCKEE : 1600-7700		
	7"@8113'		
Tubing siz	$e \frac{2^3/8}{}$ line	d with FIBERGLASS	EPOXY set in a
Box	colar-Set (no en	(materi UNALENT) packer at	= ±6500 feet,
, -	rand and model)	42/ 4	TENSION PKR AT = E700
	be any other casing-tubin	ng seal).	
Other Data	•	BUNER	DRINKARD
		cable)	· I
		injection? $\frac{1}{2}$ Yes $\frac{1}{2}$	
11 110,		-McKEE PRODUCER	
4. Has th			List all such perforated intervals
and gi	ve plugging detail (sacks	s of dement or bridge plug	(s) uses.
HRE-	McKEE (+7600-770	0) (IEP 4/ 20	CHT CAP @=7500' TO
	BE SET UPON UNI		
5. Sive this a		eny overlying and/er urder	lyang cul or gas rores (ponts) an
			V7) -/-

OPERATOR	LEASE FORMERLY SWEPT'S
SWEPI	FOOTAGE LOCATION SECTION TOWNSHIP RANCE
WILL NO.	
<u> 511M</u>	4620'FSL & 660'FEL 3-215-37E
Schei	matic Tabular Data
111	Surface Casing
	Size $13\frac{3}{8}$ " Cemented with 3∞ sx.
4	
	Hole size 174"
	Hole size
	Intermediate Casing
	Size $85/8$ " Cemented with 2200 sx.
	TOC SURF feet determined by CIRC.
4	85% @ 2920' Hole size 11"
	note size
	Long string
	Size $\frac{52}{2}$ " Cemented with 600 sx.
	100 3200 feet determined by FREE POINT
	Hole size
	Total depth 6780' (CSG TO 6665')
\bowtie	
	Injection interval BLINEBRU ATEL TO
	BLINEBRY ±5650-5850 feet to 6780 (perforated or open-hole, indicate which)
	* DOWNHOLE FLOW RELYCLATOR
	IN SIDEPOCKET MANDREL OPPOSITE ENCH ZONE
	DRINKARD = 5650-6665
) ± ± 6550, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180, - 10180,
4	5½"@ 6655' OPENHOLE 665-6780
} L	
ζ _	\{ \tag{ \tag} \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \ta
{	((
4	
TD: 6	5780'
	2 ³ /8 lined with FIBERGLASS EPOXY set in a
Tubing size	2/8 lined with FIBERGLASS EPOXY set in a (material)
	OK-SET (OR EDUNALENT) packer at ± 6500 feet,
	and and node: e any other casing-tubing seal). AND TENSION SET PKR AT $\pm 5600'$.
Other Data	
	the injection formation BLINEBRY DRINKARD
	Field or Fool (if applicable) DRINKARD
•	a new well drilled for injection? // Yes // No
it ne,	for what surpose was the well originally drilled?
	TUBB/DRINKARD OIL PRODUCER
4. Has the and civ	well ever been perforated in any other zone(s)? List all such perforated intervols e plugging octail (sacks of cenert or bridge plug(s) used)
TIPE	5 (6147-6436) WILL BE SOZ'D W/ ± 400 SX
	s depth to and nome of any overboung and/or uncerlaing oil of gas zones (coals or
true er	

OPERATOR		LEASE FORMERLY MERIDIAN'S
SWEPI	FOOTAGE LOCATION	THEAST DINKARD UNIT (STATE SIZ TION 2 #1) SETTION TOWNSHIP RANGE
71.41.4		
214W	3300' FSL & lold	0'FWL 2-215-37E
Schem	a.tic	Tab. Nam. Bab.
111		Tabular Data
		Surface Casing
4	13%" @ 145'	Size $13^3/8$ " Cemented with 165 sx.
		TOC SURF feet determined by CIRC.
		Hole size $1\sqrt{4}$
		Intermediate Casing
		Size $95/8$ " Cemented with 1600 sx.
		TOC 115' feet determined by TEMPSNy.
		Hole size 121/4
	9%"@ 2939'	Long string
	7/8 C 2959	Size " Cemented with sx.
		TOC 1970 feet determined by TEMPSVY
		Hole size $8^{3/4}$
		Total depth 6810'
		Injection interval
		(perforated or open-hole, indicate which)
	BLINEBRY	(periorated or open-noie, indicate which)
	± 51.50-5900	
	TUBB	
	± 6400-6500	* DOWNHOLE FLOW REGULATOR IN
	DRINKARD	SDEFOCKET MANDER OPPOSITE
	± 6600-6700	PACH ZONE
	7.0000	
TDeu	7'@6810'	
10 60	حلاه	
		,
	_ 3/ 11	
Tubing size	$\frac{27/8}{}$ line	d with FIBERGLASS EPOXY set in a Umaterial)
Rayes as	SET (OR EDUVALENT	\ \ .
(bran	nd and model)	1 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
(or describe	any other casing-tubing	g seal). ω / TENSION PRES AT ±6350 E ±5600
Other Data		1 15
1. Name of	the injection formation	BLINEARY TUBB DRINKARD
2. Name of I	Field or Pool (if appli	cable) DRINICARD
3. Is this	a new well drilled for	injection? / / Yes 📈 No
		well originally drilled?
2 ., 1.	DRINKA	2 6
A		
4. Has the and give	well ever been perforat plugging detail (sacks	ed in any other zone(s)? List all such perforated intervals of cement or bridge plug(s) used)
	,-	- NO-
		
S Cium Ab-	denth to and name of a	ny overlying and/or underlying oil or gas zones (pools) in
this are	· · · · · · · · · · · · · · · · · · ·	C. C. J. C.
		VP) 2/2

OPERA	TOR		LEASE	(FORMERLY SWEPT'S)
-SME	PI	FOOTAGE LOCATION	HEAST DRINKARD UNIT	TOWNSHIP RANCE
		•		MANGE
218	3W_	3546 FNL \$ 1700'	FWL	2-215-37E
	Schem	ntio		
	3011611	3110	<u> </u>	ar Deto
	11	11	Surface Casing	
		13% @ 222'	Size <u>13%</u>	Cemented with250sx.
_		- 1578 & 222		t determined byCIRC.
			Hole size /2"	
			Intermediate Casing	
			Size <u>8 %</u> "	Cemented with 1800 sx.
		TOL@ 2948'	TOC SURF Feet	determined byCARC
4		85%"@3150"	Hole size	
				
			Long string	
				Cemented with <u>895</u> sx.
			TOC TOL @ 2948' feet	determined byCIRC.
			Hole size	<u> </u>
			Total depth <u>8000</u> ' ((LINER TO 7997')
				,
			Injection interval	* / 055
			(perforated or open-hole.	± 6950 feet (FERF'D)
	M	BLINEBRY	,	,
		± ±5750-5950		•
	\bowtie			
		TUBB	* FLOW REQUIREDR IN OPPOSITE EACH IN	IN SIDEPOCKET MANDREL
		= ±6400-6500	OPPOSITE EFFORT	THE ELEVAC.
	\boxtimes	\boxtimes		
		DRINKARD # ±6650-6950	·	
		+ ===================================		
				
		=1"1		
		5½"@ 7997'		
		-3/N		
Tubing	g size _	2 <u>78</u> lined	with FIBELUASS	EPOXU set in a
PAK	= ~	-SET (OR EQUIVE	packer at	± 6600 feet,
	(bra	nd and model/	W/ TENSION PV	.0072 t dua 'C250 t TA 25.
(or de	escribe	any other casing-tubing	seal).	0000 1400 0000
Other	Data			/~
1. N	ame of	the injection formation	BLINEBRY TUBE	DRINKARD
2. N	ame of i	Field or Pool (if applie	cable)	ARD
3. I	s this	a new well drilled for .	injection? 💯 Yes 💢	No
I	f no, f	or what pumpose was the	well criginally crilles?	
		BLINEERY	DRINKARD OIL AZON	NCER
 4. н	as the		<i>T</i>	ist all such perforated interval:
a. a	nd give	slugging detail (sacks	of cement or bridge plug's) used
	McK	EE (71068'-7976'). Isolated by the	r capped CIBP @ 7510!
_		-	٥	
5. G	1VE 175	repth to and rane of a	ny byestlyur and/os ercestly	ing oil or gra zones (pools) in
	his fie			
				, _1
				V?S,

OPERATOR		LEASE	(E-0)
SWEPI	NORTH	HEAST DRINKARD UNIT	FORMERLY CHEVROU'S HARRY ECHARD * 60 TOWNSTITP RANGE
WEEL NO.			_
	2983' FSL : 23	SIT FEL 2	-215-37E
Schem	otic .	Tabular	Data
	13%"@ 271'	Surface Casing Size 3/8 **	Cemented with 300 sx. determined by CIRC.
		TOC	Cemented with 3400 sx. determined by EMPSVY
4 ⊠	85/6"@ 2996"		Cemented with <u>675</u> sx. determined by <u>TEMP Svy</u>
X	# 5750-5900' # TUBE # 6300-6500 # DRINKARD # 16650-6850'	Injection interval * ±5750 feet to ± (perforated or open-hole, in	feet (PERF'D) ndicate which)
A A A A TD 82	BRUNSON 8150-8255 5 1 @ 8258	* DOWNHOLE FLOW REGUL MANDREL OPPOSITE E	ATOR IN SIDEFOCKET
Tubing size _	$\frac{2\sqrt[3]{8}}{2\sqrt[3]{8}}$ lines	d with FIFERS: ASS E	POXY set in a
BAKERLO		packer at	
(or describe	any other casing-tubing	g seal). W/ TENSION PKR	25 AT ± 6250' ano = 5700'.
Other Data			
1. Name of	the injection formation	BUNEBRY	UBE DRINKARD
2. Name of F	Field or Pool (if appli	cable) DRINK	ARD
3. Is this	new well drilled for	injection? /// Yes /X/ N	No
If no, fo	or what purpose was the	well originally crillec?	
	BRU	uson Rooxer	
and give	plugging detail (sacks	of dement or bringe plug(s) t	t all such perforated intervols used Bio E Soz'D w/ 70sx IN 11/5
5. Cive the this are		ny everlying and it underlying	g cil or ças zones 'poclo) in
			VZ/ 7/an

			LEASE	FORMERLY SWEPIS
<u> </u>	MEPI	North	EPST DRINKARD UNIT	LIVINGSTON #1
	L NO.	TOO THUE EDENTION	SELITION	TOWNSHIP RANGE
<u> 30</u>	JWE	1980' F5L : 1980'	FWL	3-215-37E
	Schema	tic	Tel	oular Data
				10111 10111
	111		Surface Casing	
			Size $13^{3/8}$ "	Cemented with300sx.
		13%" @ 228'		
				eet determined byCIRC
			Hole size	'/ 4"
				· · · · · · · · · · · · · · · · · · ·
			Intermediate Casing	
			Size 85/1" "	Cemented with 2000 sx.
		05/"@ 20% 1		eet determined byCIRC_
		85°6" @ 29℃	Hole size 11	11
		į į	Long string	
			Size 51/2" "	Cemented withsx.
		•		
			100 <u>3601</u> 1	eet determined by TEMP SVY
			Hole size	/s"
				· · · · · · · · · · · · · · · · · · ·
			Total depth 600	(CSG 70 ldo 74)
			Inication interval	
			Injection interval	
	∇	▽	(perforated or open-hol	feet
		# BLINEBRY # \$5.50-5850	PERF'D 5650-	
		1 = 2335 3636	ODEN HOLE 66	4-6700
		11		
		* DOWNHOLE	FLOW REGULATOR IN	SIDEPOCKET
		FIANDE	OPPOSITE BACH ZONE.	
		DRINKARD		
		\ = ± 6500-6700		
		5½"@ Wa74"		
	 	1		
	Š	(
	TD:6	100		
	, ,			
		-3/1		
Tubi	.ng size _	<u>27/8</u> linea	with FIBERL ASS	set in a
_	1		1	
DE:	er lox-	DET OR EDUIVALED	packer at	<u>+6450</u> feet,
	,	and model;	AND TENSION	SET PKR AT ±51000.
(or	describe	any other casing-tubing	seal).	
Othe	er Data			
		ha injustica franctica	BLINEBRY /	DRINKARD
			'	
2.	Name of F	ield or Pool (if applie	cable)	UKARD
3.	Is this a	new well drilled for	injection? 🕖 Yes 🟒	Y. No
	If no, fo	n what purpose was the	well originally stilles	
		DRINKART OIL	HEDUCER	
•				
4.	Has the w	ell ever been perforat	ed in any other zone s.? The nement of bridge blue	List all such perfirated intervals ('s' used
	auc čita	- Upgang Decall (Secre	• Cement of Bilogs, ple.	
			<u> NO</u>	
ξ.,			n, overl,ing and.or unit	lying solution god form, of the uncorrection $\hat{\boldsymbol{x}}_{i,j}$
	this area	·		

OPERATOR		LEASE	FORMERLY SWEPT'S
SWEPT	L NORTH	EAST DRINKARD UNIT	(LIVINGSTON #2)
WELL NO.			TOWNSHIP RANGE
_307W	660'FSL & 1980'F	EL	3-215-37E
Scha	ema <u>t</u> ic	.	
30.10	sind C Ye		ar Dato
		Surface Casing	
		Size	Cemented with 300 sx.
4	13%"@ 224'		t determined by (CIRC)
		Hole size 174"	
		Intermediate Casing	
			Cemented with 3700 sx.
		4.41	t determined by (CIRC)
		Hole size 11	
		Long string	
		Size	Cemented withsx.
4	₽ 8%"@ 3148"		t determined by FREE POINT
		Hole size 77/8	H .
		Total depth \do74	
		Injection interval	
		(perforated or open-hole,	± 6650 feet (PERF'D)
\boxtimes			•
	# DUNEBRY # ±5550-5950		
	* LOWHOLE MADREL	E FLOW REQULATOR IN SIG	DEFOCKET
	DRINKARD		
	1 = = 1600-6650		
	51 66074		
~~			
	<u>3</u> /"		
Tubing size	$\frac{2/8}{}$ line	d with FIBERGLASS (materia	EPOYY set in a
BAKERLO	K-SET OR EDUIVAL	EUT packer at _	±6550 feet,
on describ	and and model; we any other casing-tubin	ALIN TENSING	SET PKR @ ±5500'
	e any dener casing-todan	, J. C. C. T. C.	
Other Data	· :.:	BUNDARY/I	201111
		~	
	Field or Pool (if appli	• .	·
		injection? / Yes	
if no,		e well criginally crilled? _	
		BB/DRINKARD TRODI	
4. Has the	e well ever been perforative plunging detail (sacks	ied in any other conels? L s of dement or tridge plug(s	ist all such derforcted intervols) used
•			EX. PADDOCK (5303'-5425')
			BE SOZ'D W/ ± 250sx.
	•		ang cal of the paner (paner) at
this a			
			YT),

OPERATOR		LEASE FORMERLY CONOCO ET. AL			
SWEPI	NORTH	HEAST DRINKARD UNIT W.C. HAWK B-3 #7			
arce NII.		Milde			
<u> 309W</u>	1830'FSL & 188	0'FEL 3-21S-37E			
Scher	natic	Tabular Data			
111	1 111	Surface Casing			
		Size $10^{3/4}$ " Cemented with 250 sx.			
4	1034" @ Z68'	TOC SURF feet determined by CIRC			
		Hole size N/A			
					
		Intermediate Casing			
		Size $\frac{75/8}{}$ " Cemented with $\frac{1145}{}$ sx.			
		TOC 1200 feet determined by TEMPSVY			
		Hole size N/A			
	75%"@ 3128'	Long string			
	1/8 5 5 = 5	Size $\frac{5/2}{2}$ " Cemented with $\frac{550}{2}$ sx.			
		TOC 2550 feet determined by TEMP SNY			
		Hole size $\frac{N/A}{}$			
		Total depth 8021			
		Injection interval			
A	BUNEBRY	(perforated or open-hole, indicate which)			
	±5750-6000	(perforated or open-hole, indicate which)			
		,			
	DRINKARD				
	\$ 6550-6750	* DOWNAGE FLOW REQULATOR IN SIDEROCKET			
		MANDREL OPPOSITE BOTH ZONES.			
	ELENBURDER				
	±7850-7900				
TD: 8	5½ @ 8020'				
10.6	521				
•	23/ ₁ "	TIPESTICE TONY			
Tubing size <u>C/8</u> lined with <u>FIBERILASS EPOXY</u> set in a (material)					
BAKER OK - SET (OR EDUNALENT) packer at _ 16500' feet,					
(or describe any other casing-tubing seal). W/ A TENSION PKR AT ± 5700.					
Other Data					
1. Name of the injection formation BUNERY DRINKARD					
2. Name of Field or Pool (if applicable)					
3. Is this a new well drilled for injection? $\frac{1}{100}$ Yes $\frac{1}{100}$ No					
If no, for what purpose was the well originally chilled?					
ELI FUBURIPE AZODUXEIZ					
4. Has the well ever been perforated in any other zonn's? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used:					
EURIBURGER (* 7850-7900) CIBP @ 7800' AND 6900'.					
<u></u>	JORGER 1- 1000	TOOL STORE TOOL AND UNCLE			
	e denth to some of a	and overlying and/or unitribing oil or gas zones continues.			
	ea.				
		117/			

OPERATOR		LEASE	(FORMERLY SWEPI'S)		
SWEPI	North	HEAST DRINKARD UNIT	STATE SECTION 2 #9		
WELL NO.			OWNSHIP RANGE		
315W	1980'FSL & 1880	D'FWL 2.	-215-37E		
e					
Sche	matic	Tabular	Data		
11	11	Surface Casing			
		Size13%	Cemented with 250 sx.		
	13% € 209'	TOC SURF feet d	etermined by(CIRC)		
		Hole size			
		•			
		Intermediate Casing	_		
			Cemented with 200 sx.		
		TOC SURF Feet d	etermined by (CIRC)		
L	TOL @ 2950'	Hole size			
	10002755	Long string			
	85%" @ 3145'		Cemented withsx.		
		TOC 2950' (TOL) feet d	etermined byCIRC		
		Hole size //E	3		
		Total depth	LINES TO 6701')		
		Injection interval			
			(D)		
		t5050 feet to t (perforated or open-hole, in	dicate which)		
		•			
\bowtie	\bowtie		•		
	BLINEBRY + 5650-5900				
		* DOWNHOLE FLOW REI	all STAR IN		
M	TUBB	SIDEROCKET HANDS			
	1000 · 6500	EACH ZONE.			
\boxtimes					
	DRINKARD				
	= ± Las-6700				
4	5½"@6701'				
TD: 4	₂ 704'				
Tubing size	23/8 lines	with FIBEROLASS E	POXU set in a		
Ð. 1		(material)	J		
DAKES L	and and model	ENT) packer at	± 6550 feet,		
(or describe	e any other casing-tubing	seal). WITH TENSION P	kes at ±6350' and ± 5600'.		
Other Data					
	the injection formation	BLINEBRY /TURE	DRINKARD		
			7		
2. Name of Field or Pool (if applicable)					
		injection? $\sqrt{7}$ Yes $\sqrt{2}$ N			
If no,	_	well originally smilles			
	DE:NKAED ()	IL HEODUCER			
4. Has the	well ever been perforate	ed in any other zonous' List	all such perfereted intervals		
and giv	e plugging detail (sacks inte	of cement or bridge plug's) u	seu		
•		<u> </u>			
		ny ekstikiny and er unistiking	bil et gas rins. (poels) in		
this ar	20.				
			٧١٦٨		
			Vi), /a		

OPERATOR	LEASE FORMERLY CONOCO ET. AL.
SWEPT	FOOTAGE LOCATION SECTION TOWNSHIP RANCE
_403W	, and the second
10514	460' FNL & 1980' FWL 10 - 215 - 37E
Schen	<u>Tabular Data</u>
111	Surface Casing
	Size $13^{3}/8$ " Cemented with 300 ex.
4	1 1 1 1 2 3 / 1 1 2 3 - 1
	SORP reet determined by CIRC
	Hole size N/A
	Swort Intermediate Casing
	Size $85/8$ " Cemented with 300 sx.
	TOC 1900 feet determined by TEMPSVY
	Hole size NA
	Intermediate LongVatring
	5/2 5/2
-	<u> </u>
	TOC 3150 feet determined by TEMPSVY Hole size N/A
	LONG STRING
	SIZE 4 FLUSHLINER CEMENTED WITH 35 SX
	HOLE SIZE 43/4"
	# ±5750-6000' TOTAL DEPTH 6790'
\bowtie	ZNJECTION INTERVAL
	= +0500-0400.
	TOLE 6413' ±5750 FEET TO ±6750 FEET
	∑ 5½°@ 6485°
	DRINKARD
	# ± 6550'- 6750' * DOWNHOLE FLOW REQULATOR IN SIDEROCKET MANDRE SOPPOSITE BLINEBRY & TUBB, AND
	AT END OF TUBING ABOVE DRINKARD.
	4"e 6790'
TD: 6	190'
	236"
Tubing size	2/8 lined with FIBERGLASS EPOXY set in a (material)
4 BAKERL	OK-SET (OR EDUIVALENT) packer at ±6525 feet,
• -	any other casing-tubing seal). ω 5½" TENSION PKRS AT±6150 € ±5700.
Other Data	
	the injection formation
	Field or Pool (if applicable) DRINKARD
•	a new well drilled for injection? // Yes X/ No
	or what purpose was the well originally stilles?
. 11∪ş i	BUNEZRY OIL PRODUCES LATER DEEPENED TO DRINKARD
<u> </u>	
4. Has the and give	well ever been perforated in any other zons[s]? List all such perforated intervals plugging detail (sacks of dement or bridge blugging detail (sacks of dement or bridge blugging)
	<u>- 'NO</u>
5. Sive the	depth to and home of any overlying and in underlying color gas zones (poll for
this are	
	\u2\

OPERATOR	, , , , , , , , , , , , , , , , , , ,	LEASE / FORMERLY CONOCO ET. AL.)
SWEPI	FOOTAGE LOCATION	THERST DRINKARD UNIT (W.C. HAWK B-10 #8)
407W	1980' FNL & 231	
Schei III	matic	Tabular Deta
	103/"-	Surface Casing Size 1338 " Cemented with 250 sx.
	13% "@ 251"	TOC SURF feet determined by CIRC
		Hole size
		Intermediate Casing
		Size 95/8 " Cemented with 156 sx.
		TOC 950' feet determined by TEMPSVY
	95%"@ 3149'	Hole size $\frac{12\frac{1}{4}}{}$
		Long string
		Size " Cemented with 1308 sx.
		For SURF feet determined by CIRC. Hole size 83/4"
		Total depth
\bowtie		Injection interval
	# BUNEBRY #5750.6000	±.5750 feet to ±6750 feet (PERF'D) (perforated or open-hole, indicate which)
×	TUBB	(perforated or open-hole, indicate which)
	± 6200-6350	
	# DRINKARD # 1650-6750	* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET
	73.5	MANUREL OPPOSITE BACH INTERVAL.
	# HARE 1520-7782'	
	ר"@"ו"	
TD:7	800'	
Tubian aire	23/a" line	d with FIBERGLASS EPOXY set in a
Tubing size		(material)
,	and and model)	1000 packer at
	e any other casing-tubin	g seal).
Other Data 1. Name of	the injection formation	RUBERY TUBE / DRINKARD
	Field or Pool (if appli	
3. Is this	a new well drilled for	injection? /// Yes /X No
If no,	for what purcose was the	well priginally smilles?
		RODUCER List all such actions as top all
4. Has the and giv	e plugging detail (sacks	ted in any other zono s ? List all such perforated intervals s of dement or bridge rlug(s) used)
HARE	(7520'-778Z') C	IBP SET AT 6800' IN 11/64, CAPPED W/ 105X CMT.
	a doctor to the control of	s - cverlying and criticallying culture gas screen (social an
5. Cive th this ar		and the control of th
		V?!
		77/0-

OPERATOR	\ 1	LEASE	()	FORMERLY	EXXON'S
SWEPI WILL NO.	FOOTAGE LOCATION	THEAST DRINK	MED UNIT	NM V S	TATE #11
503W	2080' FSL & 208	N'EWI	10-719		TANGE
				<u> </u>	
Scher	natic		Tabular Data		
111	111	Surface Casing			-
	1 11 2/ "-	Size 133/8	" Cemen	ited with _	375 ex.
	13%"@ 333'	TOC SURF	feet determ	ined by	_CIRC
		Hole size	17 2 "		
.		Internation Cont			
		Intermediate Casi Size $95/6$			1400
		TOC SURF	1 11	ined by	CIRC
		Hole size	124		
	55/110	Long string			
	▶ 9%"@ 3165'	5ize5/z_	" Cemen	ited with _	<u>400</u> sx.
		TOC <u>2500</u>	feet determ	ined by	N/A
		Hole size	634"		
		Total depth	7785'		
		Taisakian inkana	1		
		Injection interva			
		(perforated or op	عاما = كاما = المام en-hole, indicat	.e which)	eet (PERF D
	BLINEBRY				•
	= ±560-5900	* DOWNHOLE	FLOW REQUEST	10e IN 510	XX COCKET
	TUBA	MANDREL	OPPOSITE BAC	H INTER	_
	16100-1250				
	DRINKARD				
	±6450-6650				
] =					
	5½"@7785'				
TD: 7	785'				
	$\gamma^3/6$ "				
Tubing size			(material)		set in a
BAKER	LOK-SET (OR EQU)	IVALENT) pac			feet
	e any other casing-tubin	g seal). W/ TEN	SION PKRS AT	16050 AMD	±5600°.
Other Data	•				
	the injection formation	BUNER!	RY TUBE / DE!	NKARD	
	Field or Pool (if appli		DRINKARD		
•	a new well drilled for				
	for what purpose was the		, ,		
<u> </u>	_	BE PRODUCER			
	well ever tear perforat		20'517 136* 511	such herfo	totes istable
and giv	e plugging detail (sacks	s of cement or bridg	je plug(s) uses:		
	١ -	·-NO-			
	e depth to and hame of a	an, everlying and/or	r underlying cil	ct ças zon-	et 'poclo' un
this ar	ea				
					
				 -	VZ
					V7) 7/27

OPE	RATOR		LEASE FORMERLY EXXON'S
ہچ	VEPI	NORTHE	SECTION TOWNSHIP RANGE
# C C	L NO.	•	RANGE
20	المحلا	660'FSL : 1980'	FEL 10-215-37E
	Schem	Patic	Tabular Deta
		111	Surface Casing
		103/4"@342"	Size $10^{3/4}$ Cemented with 300 sx.
			TOC SURF feet determined by CIRC
			Hole size
			Intermediate Casing
			Size 750 " Cemented with 1600 sx.
			Feet determined by <u>CIRC</u> Hole size 97/8
		75%"@ 3098"	
			Long string
			Size $\frac{5/2}{2}$ Cemented with $\frac{485}{2}$ sx.
			100 2945 feet determined by EMP SNY
			Hole size63/4"
			Total depth 763
			Injection interval
	X		
		# BLINEBRY # ±5600-5850	(perforated or open-hole, indicate which) feet (PERF'D)
	\boxtimes	\boxtimes _	·
		# DR:NKARD	* DOWNHOLE FLOW REGULATOR IN SIDERCKET
			MANDREL OPPOSITE EACH INTERNAL.
		PBID: 7400'	
	0	# HARE MCKEE	
	▼.	5½ e 7673'	
		J2 @ 1615	
Tubi	ng size	23/8" lined	with FIBERDIASS EPOXY set in a
T	امصاد 2	S ((material) packer at ±6350 feet,
	e1d)	DK- DET OR EDUIVA	
(or	describe	any other casing-tubing	seal). WITH A TENSION PER AT 15550.
	r Data		<u> </u>
1.	Name of	the injection formation	BLINEBRY/DRINKARD
2.	Name of	Field or Pool (if applic	(able) DRINKARD
3.	Is this	a new well drilled for i	injection? 🔼 Yes 💢 No
	If no, f		well criginally crilled
		HARE MCK	EE HRONGER
4.	Has the	well ever been perforate	ed in any other zone(s ¹⁹ list all such perforated intervals of dement or bridge rlug(s) used
			5) 507'b W/ 500sx in 1963 - PBTD = 7400'
	TAKE	10/0- 430- 163	WED / WOSK IN 1702 - FUIL - HOU
,			
۶.	Give the this are		ny ovodlydny and or underlying old or gas zones (po il. un
			V7) 7/-
			10 16-

OPERATOR		LEASE	FORMERLY CONOCO ET. AL.
SWEPI	Nor	THERET DRINKARD UNIT	T.H. Now #1
WELL NO.			TOWNSHIP RANGE
511W	660' FWL & 600	FSL 11	- 215 - 37E
_			
Schema	atic	Tabula	er Deta
111		Surface Casing	•
		Size 10 ³ / ₄ -	Cemented with 225 sx.
4	1034" @ 269'		determined by
			/ n
		Hole size15%	1
		Intermediate Casing	
		Size 75/8 "	Cemented with <u>1880</u> sx.
			determined byCIRC
		~T/	
		Hole size97	8
		Long string	
	-F/10	Size5/2	Cemented with358sx.
4	75%"@3000"	4	determined by TEHPSVY
		Hole size 63/4	
			-
		Total depth 609	Z
		Injection interval	
			± 6650 feet (PERFID)
		(perforated or open-hole,	indicate which)
\boxtimes	\boxtimes		·
	BUNEBRY	_	
] = ±5550'-5900'	* Downhole Flow RE	EQULATOR IN SIDEROCKET
		MANDREL OFFOSITE	EACH INTERVAL.
	DRINKARD .		
	# ± 6450-6650'		
_	_		
4	5½ °C 6699'		
	2 / "		
Tubing size _	<u> 2 / 8</u> line	d with FIBERGLASS E	SPOXY set in a
B 1	S ((materia)	+1-400
(place)	nd and model,		±6400 feet,
(or describe	any other casing-tubin	g seal). WITH A TENS	ION PKR AT ±5500'.
Other Data		,	
1. Name of t	the injection formation	BUNEBRY	DRINKARD
		cable) DRINK	420
		injection? // Yes	
		well originally drilled	
11 mD, T:	_	PRODUCER	•
4. Has the ward give	well ever been perforat plugging detail (sacks	ed in any other zond sill to be of cement or bridge plug's	ist all such perforated intervals:) used:
	·	-10-	
<u></u>		or ordinate and or the	inh cil ot gas zones (poble un
this are		. , 0+0129111g 0110 0. 0 1. 1.1	
			V?/_,
			177/07

OPCRATOR		LEASE	FORMERLY TEXACO'S
SWEPI	NORTH	IEAST DRINKARD (NIT STATE S#6 - FROM GETTY
WILL NO.	•		
605W	760'FNL & 1980'F	-WL	15-215-37E
Schema	tic		Tabular Data
111	111	Surface Casing	
	13%"@ 295'		_" Cemented with _ 300 _ sx.
			feet determined byCIRC
		Hole size	
			77/
		Intermediate Casing	
			" Cemented with 2000 sx.
			feet determined by
	i 1	Hole size	<u> </u>
h	TOL@ 2839°	Long string	
	8%"@ 2997'	Size 5/2 LINER	" Cemented with 350 sx.
			feet determined by NA
			INER - SURE TO 2830', CIRC'D W/ 5505X
		Total depth	
		Injection interval	+1 = 0 0
		(perforated or open	t to ±6700 feet (PERF'D)
A	BUNEBRY		•
	± 5550 - 5850	_	
	\bowtie	* DOWNHOLE	FLOW REGULATOR IN
	# DRINKARD + 6450-6700		t mandrel opposite
	_ '	EXCH INTE	ERVAC.
	CIBP@7350'		
. 0 .	HAREMOKEE		
Δ ,	1422-7664		
	52 @ 7675		
Tubing size	23/2"	d withFIBERG	LASS EPOXY set in a
Tuoing size		(m	aterial)
DAKER L	OK- DET (OR EDUN	IALENT) packe	r at feet,
(or describe	any other casing-tubin	g seal).	TENSION PER AT ± 5500!
Other Data			1.
1. Name of	the injection formation	BLINER	RY / DR:NKARI
2. Name of	Field or Pool (if appli	cable: Da	BINKARD
3. Is this	a new well drilled for	injection? /// Yes	X No
	or what purpose was the		
	HARE MCKEE IT	<i>foduces</i>	
4. Has the	well ever been perforst	er in any other zone	s]? [list all such perforated intervols
and give	plugging cetail (sacks	; of cement or bridge	piug s; used:
HARE	MCKEE (7422-71de	4) SQZ'D 9/15	Psx, CIBP's SET @ 7490' AN 7350
			
5. Give the		any exertying and/or (unclosing oil of cas zones (pools) in
CHIS BY			
			VZ/ 7/27
			IJ I/Ah

LEASE

OPERATOR

<u> </u>	JEPI L NO.	FOOTAGE LOCATION	DRINKARD UNIT	STATE SECTION 15 #3
_61		210' FNL & 2310' F		15-21S-37E
		2011		
	Schemat	ie	Tabu	lar Dato
		3/9	Surface Casing Size 133/8" "	Cemented with <u>Z50</u> sx.
		13¾"@ 2ZZ'		et determined by $CIRC$.
				<u></u>
			Intermediate Casing Size 85/8""	Cemented with 2000 sx.
		8%"@ 2925'	TOC SURF fe Hole size 11'	et determined by
			Long string	
				Cemented with 695 sx.
			TOC <u>5050'</u> fe Hole size	et determined by <u>CALC</u> w/ 50% LOSSES
			Total depth 7798' (
		# BUNEBRY	Injection interval	
		±5550-5850	•±5550 feet to	t6500 feet (PERF'D)
		= DRINKARD = ±6450-6500	.,	,
				•
CIBP @ 740	χο' 🚞	# McKee	* DOWNHOLE FLOW	U REGULATOR IN SIDE
	-	# 7500-7548 #1	POCKET MAND	REL OPPOSITE BOTH
CIBÞ 6 1	860	5½"@7635"	ZONES.	
	\ /	ONNELL		
	Ì	7635'-7798'		
	אפרר: סד	~3/"		
Tub	ing size	line	d with <u>FIBERGLASS</u> (materi	EPOXU set in a
<u>_B</u>	AKERLOK-	SET OR EQUIVALE		±6400 feet,
(or	,	ny other casing-tubin	g seal). W/ A TENSI	on Pkr at ±5500!
Oth	er Data		<u></u>	1-
1.	Name of the	e injection formation		•
2.	Name of Fi	eld or Pool (if appli	cable)	KAED
3.	Is this a	new well drilled for	injection? $\overline{//}$ Yes X	7 No.
	If no, for	What purpose was the	well originally smilles? PRODUCER	
4.	Has the we	ll ever been perforat	ed in any other cone(s)	List all such perforated intervals s) used.
	CONNE	/	CIED W CIED Q	
	MCKE	= (7500-7548) 15	OLATER WY CIRP	≥ 74∞ ′.
5.	Cive the d this area.		any overlying and, or underl	with oil of gas fore for let in
				Ns/

OPERATOR	·	LEASE		FORMERLY	Texaca's
SWEPI WILL NO.	FOOTAGE LOCATION	HEAST DRIVERD	Unit	STATE S *	,
612W	GO'FNL & GO'F			- 215-37E	
			<u>-</u>		
Schem		Supface Cosine	Tabula	r Deta	
	121' of 121'	Surface Casing Size 38		Cemented with	375
		TOC SURF			
4	133%"@ 336'	Hole size	17 <u>z</u> "		
		Intermediate Casing			
		Size <u>8</u> 5/8		Cemented with	<u>935 </u>
		TOC1 <u></u>		••	EMP SUY
		Hole size	12/4		
		Long string Size $\frac{5}{6}$ $\frac{5}{2}$			
		<i>1</i>			
	85%"@3007"	TOC SURF		determined by	CIRC
		Total depth		31	
		Injection interval			
		·±5750 fee	t to	±6650	reet (PERF'N)
		(perforated or open	n-hole, i	indicate which)	(- · 2)
					•
	BUNEBRY ±5750-5900 DR. NKARD ±6500-6650 550 6693	* Dannae Fire	CUTE E	EACH INTERVAL.	POCLET
	~3/a"		: ^<=	EDMY	
Tubing size	/	with FIBERO			set in a
DAKEL (bra	nd and model,	DUNNEUT) packe			feet;
	any other casing-tubing	g seal). WITH A	TENS	HON PKR A	23,00.
Other Data 1. Name of	the injection formation	BUNE	Il yas	DRINKARD	
	Field or Pool (if appli	~	DRINK	ARI	
3. Is this	a new well drilled for	injection? /// Yes	***	No	
If ro, f	or what purpose was the	1	\		
4 Has tas	DU NE	ed in any other zone			oroted intervols
and give	plugging detail (sacks	of cement or bridge	plug(s)	used)	
<u> </u>		_NO_		·.	
5. Give the	e depth to and hore of a	ny overlying and/or	underlyi	ng cil or qua zo	nes (pocis) in
					V7) 7/-

340	RATOR		LEASE		(F. a. E. E.
SV	NEDI	FOOTAGE LOCATION SECTION			(FORMERY SHEPI ETM) ENDOWN *1
		A			TOWNSHIP RANCE
<u>(</u> Q.	15W	1980 FNL & GL	O'FWL	<u> 14 - </u>	215-37E
	Schemati	<u>c</u>		Tabula	r Deta
		111	Surface Casing		
		13% @ 1LA	Size133/8		Cemented with 500 sx.
			TOC SURFACE	_ feet	determined by CIRC.
				1기호"	
			Intermediate Casing		
			Size95/8		Cemented with 600 sx.
			TOC	– feet	determined by CAC W/
			Hole size		
			long etains		
		95/6"@ 2732"	Long string		Cemented with 500 sx.
			70c 3350'		sx.
			Hole size {	_ reet 834 "	determined by Cac 4/ 25% Losses
			Total depth	<u> </u>	
			iotal depth	<u> </u>	(CSG TO 6600)
			Injection interval		
			(perforated or open-	to <u>:</u>	(ndicate which)
		# BUNEBRY # ±5750-±5850			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
					•
		# DRINKARD	* DOWNING F	صص=	REGULATOR IN
		10000			DE OPPOSITE
			BOTH ZONES	5 .	
	4	7" @ 6600,			
	{	}			
		}			
	·TDeWA	₹ ¹			,
Tuhi	ing size	73/8" lines	with FIBERBLAS	is Fi	PONY set in a
-	 >_ \		(mat	terial,	
	(prand a	and model)	•		<u>±6450</u> feet,
(or	describe any	y other casing-tubing	; seal). W/ TENS	10k	PKR AT ± 5700',
0the	er Data		<u>.</u>	12	
1.	Name of the	injection formation		- 1	RINKARD
2.	Name of Fiel	ld or Pool (if applic	cable) DR	INKA	2/5
3.	Is this a n	ew well drilled for :	injection? /// Yes	文	No
	If no, for	what purpose was the	well originally drills		
		BLINEBRY	/ LUBE/DRIVERDT	TOOK	KEL .
4.	Has the wel	l ever been perforate ugging detail (sacks	ed in any other zone(s of cement or bridge p)? List	st all such perforated intervals used)
	TUBE	TO BE SOIZ'D	•	_	
5.	Give the de	pth to and name of a	ny overlying and/or un	derlyi	ng oil or gas zones (pools) in
	this area.		<u> </u>	<u>-</u>	
				•	

UPERATOR	LEASE FORMERLY SWEPI'S
SWEPI	FOOTAGE LOCATION SECTION TOWNSHIP RANCE
WELL NO.	FOOTAGE LOCATION SECTION TOWNSHIP RANGE
703W	1980' FSL € 1980' FWL 15-215-37E
Schem	<u>Tabular Data</u>
ļ	Surface Casing
111	
	Size $\frac{1338}{}$ Cemented with $\frac{250}{}$ sx.
	13% @ 208' TOC SURF feet determined by CIRC
	Hole size
	114
	Intermediate Casing
	Size $85/8$ " Cemented with 1500 sx.
	Size Cemented with sx.
	TOC SURF feet determined by CIRC
	Hole size 11"
4	8% @ 2891
	Long string
	Size $\frac{52}{2}$ " Cemented with 600 sx.
	TOC 3800' feet determined by FREE POINT
	Hole size 77/8"
	Total depth 6645' (CSG TO 6494')
	10tal depth <u>6645 (CSG TO 6794)</u>
	Injection interval
	*±5550 feet to 6645 feet (perforated or open-hole, indicate which)
\square	PERF'D ±5550-±6000'
	1 P
	(= 5550-600 OPENHOLE 6494-6645'
\boxtimes	
	5½"@ 6494' + Double En .
3	COLLATOR IN SINE
\$	POCKET HANDREL OPPOSITE BACH ZONE.
((DRINKARD_
/) 6494-6645
)	
\ <u>L</u>	_)
(,	
TD: G	.(A5
• • • •	
.	$\frac{3}{6}$
Tubing size	2/8 lined with FIBEROUASS EPOXY set in a (material)
BAKES	SET (DE EDINALENT) packer at ±6450' feet,
(bra	nd and model,
(or describe	any other casing-tubing seal). ω A TENSION PKR AT ± 5500 .
Other Data	
	· · · · · · · · · · · · · · · · · · ·
1. Name of	the injection formation BuneBRY DR'NKARD
2. Name of	Field or Pool (if applicable)
	a new well drilled for injection? / Yes X No
If no, f	or what purpose was the well originally drilled?
	BLINEBRY DRINKARD OIL PRODUCER
4. Has the and cive	well ever been perforated in any other cond(s)? List all such perforated intervols plugging detail (sacks of cement or bridge plug(s) used)
2.75 9.76	**************************************
S. Rivertee	depth to and hore of any everlying the or underlying cil or gas zones (pools) in
this ere	
	V5)
	(a/8)

·			
OPERATOR	.	LEASE	FORMERLY MARATHON ET. M.
SWEPI WILL NO.	FOOTAGE LOCATION	AST DRINKARD UNIT	L.G. WARLICK #Z
708W	660'FSL & 198		15-21S-37E
Schen	natic		bular Data
		Surface Casing	
		Size	Cemented with 250 sx.
	<u>13</u> ₹"@ 3∞.		feet determined byCIRC
		Hole size	<u> </u>
		Intermediate Casing	
		Size _ 85/8 "	Cemented with $\sqrt{200}$ sx.
			feet determined byCIRC
		Hole size 1	
		Lana etsisa	
		Long string	Cemented withsx.
	♣8ॄ§ "@ 2799'		
		100 = 3 150 1	The 50% LOSSES
		Hole size Total depth Lob-34'((S) 72 (500')
		local depth 60054	C3G 10 6370)
		Injection interval	
		(perforated or open-ho)	6634 feet
		_	
		PERF'D TO 659	
:	# BLINEBRY # \$5500-5750	Open Have 65	90 no 6634.
\times			
	DRINKARD	1	
	1 = \$6500-6634		REQULATOR IN SIDEROCKET
7	5½'@6590'	FINISHED OFFIS	ITE BACH INTERVAL.
}			
1	(30)		
17.6	60 71		
	. / +		
Tubing size	$\frac{2}{2}$ 8 lined	with FIRETOLAS	S EPOXY set in a
BAKERL	OK-SET (OR EDUIVA	(mater	ial)
(bra	nd and model)	•	
	any other casing-tubing	seal). WITH A TE	nsion PKR At ±5450,
Other Data		· •	
	the injection formation	7	
•	Field or Pool (if applic		NYARD
	a new well drilled for i		X No -
if no, f	-		· · · · · · · · · · · · · · · · · · ·
		ARD TRODUCES	
4. Has the and give	weil ever been perforate plugging detail (sacks	of cement or bridge plud	List all such perforated intervals g(s) used)
	· <u>, -</u>	·-NO-	
			
		<pre>c.c.rlying and/or unde</pre>	rlying oil or gas zones (pools) in
this are	26.		
 			

V?/-/-

OPERATOR		LEASE FORMERLY MARATHON ET.AL.
SWEPT	NORTHEAST	DRINKARD UNIT (L.G. WARUCK # 4
709W		
O N	1980' FSL & 1040' F	EL 15 - 215 - 37E
Schem	atic	Tabular Data
111	Mi	Surface Casing
		Size $13^3/8$ " Cemented with 3∞ sx.
	13%"e 306	TOC SURF feet determined by CIRC.
		Hole size N/A
		Intermediate Casing
		Size $85/8$ " Cemented with 1500 sx.
		TOC SURF feet determined by CIRC
		Hole size N/A
		Long string
		Size $\frac{5\sqrt{2}}{z}$ " Cemented with $\frac{750}{z}$ sx.
		TOC 1250 feet determined by N/A
		Hole size NA
	8% @ 2802'	Total depth 6622' (CSG TO 6596)
		Injection interval
		(perforated or open-hole, indicate which)
		(perforated or open-hole, indicate which) PERF'D TO 6596,
		OPEN HOLE 6596-6622.
\boxtimes		
	# BLINEBRY # ±5550-5850	# DOWNHOLE FLOW REQULATOR IN SIDE- POCKET MANDREL OFFOSITE BACH
		INTERNAL
X		
1	5½ '@ 6596'	
	- {	
TD:6	622'	
	3/"	,
Tubing size	<u>278</u> linea	d with FIBERGLASS EPOXY set in a (material)
BAKERLO	IK-SET OR EQUINAL	\
(or describe	nd and model) any other casing-tubing	O seal). WITH A TENSION PER AT ±5500!
Other Data	The state of the s	
	the injection formation	BLINERRY DRINKARD
		cable)
•	a new well drilled for .	
If no, f	or what purpose was the	well originally drilled?
	DRINKARI	6 Roomer
4. Has the	well ever been perforat	ed in any other zone(s)? List all such perforated intervals of cement or bridge plug(s) used)
ano give	. Piońdrud octali (zackz . –	- NO-
5. Give the	e desth to and name of a	any evenlying and/or underlying oil of gas zones (piolicul)
this are		
		112/
		V 107/27

OPC	RATOR		LEASE	FORMERLY SWEPT'S
<u> </u>	WEPI	No	ETHEAST DRINKARD	ADIT (ADIT ADITO "A" #3
WELI	L NO.			••••
<u>80</u>	<u> </u>	660'FNL & 198	O'FWL	22-215-37E
	Schemat	tic	•	1.3 8.4
	-	<u> </u>		ibular Deta
		111	Surface Casing	_
		133"@ 226'		Cemented with 200 sx.
•		= 158 @ 226	TOC SURF	feet determined byCIRC
			Hole size	74"
			Intermediate Casing	
				Cemented withsx.
				_
				feet determined byCIRC
			Hole size	
	4	8 등 @ 2918	Long string	
				Cemented withsx.
			101 _ 2000 _	feet determined by FREE POINT
			 	17/6"
			Total depth 6628	(cs4 to 6559')
			Injection interval	
				0 10179 600
			(perforated or open-ho	o <u>6628</u> feet le, indicate which)
			PERF'D ±55	500'-6559
		# BLINEBRY) # \$5500-5950	Openthie	6559-6628
	V			
			*Downhae Flow RE	EQULATOR IN SIDE POCKET
		# DRINKARD # ± 6300-6628	MANDREL OPPOSITE	BOTH ZONES.
		5½ @ 6559		
	7	52 6 6009		
	⟨ □)		
	ζ	>		
		→ >		
	TD: Ide	28		
7 62	:	$2^{3/2}$	d with FIEEROLA	see EDO
1001	ng size			rial
	PAKEBLO	OK-SET (OR ED)	DIVALENT) packer a	t <u>±6350</u> feet,
(0.5	describe a	nv other casing-tubin	n seal). W/ TENS	SION SET PKR AT ± 5450!
		ny bener casing cabin	y 30017.	
	r Data		BINE	/ \
				y
2.	Name of Fi	elc or Pool (if appli	cable)	CRINKARD
3.	Is this a	new well drilled for	injection? 🕖 Yes	X No
	If no, for	what purpose was the	well originally smiller	
		DRINKERD	OILPROWLER	
4.	Has the we	= '	\	list all such perforated intervals
-	and give p	lugging detail (sacks	of cement or bridge plu	ç(s) usec.
			<u>-No-</u>	
5.	G.ve the s	epth to and mune of a	ny overlaunn and er unes	erusing oil or gas zerke freels fir
	this area.			
				V7/)
				17. L_

OPERATOR		LEASE	FORMERLY CHENRON ET. N.
SWEPT WILL NO.	NORTHEA	ST DRINKARD UNIT	
	FOOTAGE LOCATION	SECTION	TOWNSHIP RANCE
_807W	1750' FNL & 2310'	FEL Z	2-215-37E
.	-la : -		
<u>Schem</u>	atic	Tabu	vlar Data
		Surface Casing	
	13% @ 315'	Size <u>13³/8</u> "	Cemented with 360 ex.
_			et determined byCIRC
			1'4"
			
		Intermediate Casing	
		Size8/8"	Cemented with 1651 sx.
			et determined byCIRC
	85/8"@2799"	Hole size 11	1
		Long string	
			- 00
			Cemented with 580 sx.
			et determined by TEMP Svy
		Hole size	<u> </u>
		Total depth	<u>20'</u>
		Injection interval	
\bowtie			+11.50
	# BUNEBRY # ±5700-5850	(perforated or open-hole	t 6050 feet (PEF'D)
	23/00/302		
	DR:NKARD		•
	二十 ± 6350- 6450		
	CIBP@ 6741'	Vī	
	C16F8 6 141		REGULATOR IN SIDEPOCKET
	ABO_	MANDREL OPPOSI	TE EACH INTERVAL
	7114-7306		
	CIBP@ 7400'		
	McKEE		
	7475-7505		•
4	5년 "@ 7520'		
Tubina sina	23/0"	d with FEERGLASS	EPOXY set in a
Tubing size _		(materi	
EFKER U	OK-SET OR EDUNA	packer at	<u>±6300</u> feet,
(or describe	any other casing-tubing	seal). WITH A TE	ension fle at ± 5650'.
Other Data		•	
	bha imigabian faamabian	ELINEBRY .	DRINKARD
	the injection formation		
	Field or Pool (if appli		L
3. Is this a	a new well drilled for	injection? $\overline{//}$ Yes $\overline{/}$	No
If no, fo	or what purpose was the	well originally drilled?	
	HASELY	CHEE HODINER	
4. Has the	well ever been perforat	ed in any other zone(s)?	List all such perforated intervals
and give		of cement or bridge plug	
HAREIM	` \	'CIEP SET @ 7400'	2/
<u> Abo (</u>	7114-7306), CIPP =	= 2 6741 E CMT CAF	PED IN 763.
		ny overlying and/or under:	lying oil or gas zones (pools) in
this are	a		
			V7) 7/87

OPERATOR		LEASE			
SWEPI	FOOTAGE LOCATION		ARD I hum	FORMERLY (HEVRON ET AL
WELL NO.	.				
808N	MOD'FNL & LOLOC	FEL		- 212-211	
Scheme	tic		Tabular	Deta	
	13%'@ 291'	Surface Casing Size 133/8 TOC SURF Hole size	feet o		
		Intermediate Casi Size 5/8 TOC 1500 Hole size			
	► 9% "e 28∞'	Size 700 Hole size 70tal depth 66	feet 6	determined by	
	E BUNEBRY #5700-5900'	Injection interval +±5700 (perforated or or PERF'D TO (OPEN Hole:	eet to (en-hole, in		feet
TD. U	7"@ 6550' DRINKARD ±16450'-16614'	SIDERO		REQULATOR UDISEL OFFICE	
DAKERLOK (bran or describe	,	ENT) pace pace pace pace pace pace pace pace	(material)	± 6400	set in a feet ± 5050,
ther Data			1		
. Name of t	the injection formation	LUNE	1		
•	Field or Pool (if applie		DRINKAP 1+		and the second of the second o
	a new well drilled for .		,		
If no, fo	or what purpose was the		rilled?		
Has the sand give	well ever been perforat plugging detail (sacks	ed in any other zo of cement or brid	ne(s)? Lis ge plug(s) (t all such perfoused)	prated intervals
5. Give the this are	depth to and name of a	ny overlying and/o	r underlyim	g oil or gas zo	nes (pools) in
					٧٦ <u>٧</u> ٦/

OPERATOR		LEASE	FORMEDLY TOYOLO'S
SWEDI	FOOTAGE LOCATION	HEAST DRINKARD UNIT	D.A. WILLIAMSON #2- PROM GETTY
	•		
OTTN.	1980 FNL = GOUF	NL 2	3-2B-31E
Schem	natic	<u>Tabu</u>	lar Data
SWEDT WILL NO. 811W Schem Schem Schem Cor describe Other Data 1. Name of 2. Name of 3. Is this If no, 4. Has the and give	1 111	Surface Casing	•
		Size 13% "	Cemented with3∞sx.
	138 @ Z93'	TOC SURE fe	et determined by CALCULATED
		Hole sizeNA	ASSUMING 174" HOLE
			, wastes.
			Cemented with \200 sx.
			-
	856"@z158'		
	1 20% 621%		7 20% 105565
			Secreted with AM
		_	
		,	ASSUMING 77/8" H
		- -	~ 50% Losses
		•	9 10 (652)
\boxtimes	\boxtimes	(perforated or open-hole	, indicate which)
	= BUNEBRY	PERF'D TO 6520',	
	= ±5750-5900	OPEN HOLE 65	20'-6615'.
		Tabular Data Tabular Data Tabular Data Surface Casing Size 1338 Cemented with 30 Feet determined by CALCUS Hole size N/A SSUMMAN Size 878 Cemented with 1200 Toc SURF feet determined by CALCUS Hole size N/A SSUMMAN Size 87/2 Cemented with 40 Toc SURF feet determined by CALCUS Hole size N/A SSUMMAN Size 5/2 Cemented with 40 Toc 5000 feet determined by CALCUS Hole size N/A SSUMMAN Footal depth 6015 (CEC TO 6820) Injection interval 15750 feet to GAS (perforated or open-hole, indicate which) PERFO TO 6520 OPEN HOLE 6520-6615 **DADAHOLE FLOW RESULATOR IN SIDEPOLIET MANDRE OFFOSITE BECH INTERVAL. Tion BURGER AS ENDIY SEPECHET MANDRE OFFOSITE BECH INTERVAL. Torn injection? These As to the rell originally drilled? LENGTONE FLOW RESULATOR TORN TORN TORN TORN TORN TORN TORN TORN	
		* DOWNHOLE FLOW	CE JOTALKES
	DRINKARD	SIDEPOCKET MAND	
	± 6450-6615	EACH INTERVAL.	
4	52 @6520'		
,			,
L. TR.	<u> </u>		
10.0	0010		
	~3/"		
Tubing size	<u> </u>	d with <u>FIBERGLASS</u> (materi	EPOLY set in a
BAKER	DK- SET OR EQUIVE	Packer at	feet,
(or describe	e any other casing-tubin	g seal). WITH A TENS	SION PLR AT \$ 5700!
1. Name of	the injection formation	BLINEERY	DRINKARD
2. Name of	Field or Pool (if appli	cable)	NKARD
3. Is this	a new well drilled for	injection? /_/ Yes /	7 No
If no, i			
	DRINKARI	TUER PRODUCER	
4. Has the	well ever been perforat	ed in any other zone(s)?	List all such perforated intervals
ano give	• _		3, 6363,
5. Give the	e depth to and name of a	iny overlying and/or under	ying oil or gas zones (pools) in
	ea.	, , , , , , , , , , , , , , , , , , , ,	
			117/
			V7 7/87

OPERATOR		LEASE	FORMBRLY	ARCOIS	
SWEPI	FOOTAGE LOCATION	HEAST DRUKARD ULI	T T	RANGE	
97EU	•				
815W	1750' FNL & 1980' F	EL C	<u> 3 - 215-</u>	3 IE	
Schem	altic	,	Tabular Data		
11	1	Surface Casing			•
	133"@ 378'	Size 133/8	" Comented	with 100	
	-108 @ 218				
		TOC SURF.	$\frac{1}{2}$ "	O BY CIRC	
		Hole size	12	-	
		Intermediate Casing			
		Size95/8	_" Cemented	with 160	sx.
		TOC SURF	feet determine	d byCIRC	
		Hole size	4		
	•	Long string			
Li	TOL@ 3062'	Size 7" LINER	" Camented	with 888	sx.
	1000 3002	TOC TOL (3062')			
	9%"e 3203'		35%	CIRC	
	7/8 0 3/20				
		Total depth	5133	_	
	! .	Injection interval			
	·	•±5700 feet (perforated or open-h	to <u>± (مام)</u>) reet (Pe	ERF'D)
		(periorated or open-	iole, indicate wi	11011)	ŕ
\boxtimes	×				•
	= BLINEBRY = ±5700-5900				
		* DOWNHOLE FL	•		
	= DR:NKARD	=	MANDREL &	POSITE	
	= DR. NKARD = ± 6450-14600	BACH ZONE.			
	PETD @ 6702'				
0	4 , 4			,	
4. 4	7" @ 6750				
	~3/ ^B				
Tubing size	<u> 2/8</u> line	d with FIBERGE (mail	ASS EPOXY	set	in a
BEKERLOK.	-SET OR EQUIVALE	packer packer	at <u>+6400</u>		
(brai	nd and model) any other casing-tubin	a see 11 WITH A	TENSION DER	AT ± 5650	5'.
	any other casing-toom	y 3601/.			
Other Data	the injection formation	Riverou	Nouse		
			,		
•	Field or Pool (if appli				
	a new well drilled for	•	<i>,</i> ·		
If no, f	or what purpose was the				
. 	1	RINKARE HODUCER			
4. Has the and give	well ever been perforat plugging detail (sacks	ed in any other zone(s i of cement or bridge p	<pre>)? List all suc lug(s) used)</pre>	h perforated in	tervals
	``	-NO-			
					
5. Give the	depth to and name of a	ny overlying and/or un	derlying oil or	gas zones (pon)	s) in
this are	•	, 5757771119 5110701 611			
					

OPERATOR		LEASE FORMERLY SWEPT'S
SWEPI	Northe	SECTION TOWNSHIP RANCE
WELL NO.	\	
904W	2065 FSL & 170	0'FWL 22-215-37E
Sober	matic	
. <u>300er</u>	100	Tabular Data
		Surface Casing
	13%"ezzo'	Size $\frac{13^3/8}{}$ " Cemented with $\frac{300}{}$ sx.
	1 13/8 6 220	TOC SURF feet determined by CIRC.
		Hole size
		Intermediate Casing
		257"
		TOC SURF feet determined by CIRC
	8%"@ 2905'	Hole size
-	- 6 % @ 2505	Long string
		Size $\frac{51/2}{2}$ " Cemented with $\frac{500}{2}$ sx.
		TOC 4400' feet determined by FREE POINT
		Hole size
		Total depth 6626 (CSQ 70 6480)
		Injection interval
		#5700 feet to 6625 feet (perforated or open-hole, indicate which)
		PERF'D =5700' - 6480'
		OPEN HOLE = 6480'-6625'
	# BLINEBRY # ±5700-5850	
		* DOWNHOLE FLOW REQULATOR IN SIDEPOCKET MANDREL OPPOSITE BOTH ZONES.
	I DRINKARD	
) = ±6400-6625	
7	Ì	
ζ Ε	= ',	
Ş	<i>i</i>	
TD:	lolo2lo	
Tubing size	$2^{3/2}$	ed with FIBERGLASS EPOXY set in a (material)
	,	_
Tree lo	V- DET (OR EDUNALE	packer at ±6350 feet,
(or describe	e any other casing-tubin	ng seal). W/ A TENSION PER AT ± 5650.
Other Data		
	the injection formation	BUNBBRY DRINKARD
		icable) DRINKARD
		injection? /// Yes /X/ No
If no,	_	e well criginally crillec
	KUNEBRY / DRI	inkard troduces
4. Has the	well ever been perforat	ted in any other zone(s)? List all such perforates intervais
and giv	s plugging detail (sacks ort	s of cement or bridge plug(s) used:
	· · · · · · · · · · · · · · · · · · ·	NO-
		any overlying and, or underlish; call of gas zonach is the whole
this a:	ec	
		לכוו
		VI) L
		1.6

DPCRATOR	LEASE FORMERY SWEPT'S
SWEPI	NORTHERST DRINKARD UNIT TURNER #5
FLL NO. FOOTAGE LOCATION	22 216 275
909W 1980'F5L & 660	FEL 22-215-37E
<u>Schematic</u>	Tab Jan Daha
SCHEMBETT.	Tabular Data
111	Surface Casing
	Size $13\frac{3}{8}$ " Cemented with 300 sx.
13% "e zz4	Tot reet determined by CIRC
	Hole size \7'/4"
	•
	Intermediate Casing
	Size $85/6$ " Cemented with 1955 sx.
	TOC SURF feet determined by CIRC
85/6" @ 29131	Hole size
	Long string
	Size $\frac{52}{2}$ " Cemented with $\frac{500}{2}$ sx.
	TOC 4545' feet determined by CALC. W/ 50%
	-/ 11
	Hole size 7/8
	Total depth <u>6612' (CSG TO 6450)</u>
	Injection interval
	(perforated or open-hole, indicate which)
	PERF'D ±5700-6450
# BLINEBRY	OPEN HOLE 6450-6590 .
= ± 5700-5900	
	* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET
	MADREL OPPOSITE BOTH ZONES
DRINKARD	_
±6400-660	3
5½" @ 6450'	
\ <u>\</u>	
}	
(
TD.66012	
ubing size $\frac{28}{28}$	lined with FIBERGLASS EPON set in a
	(material)
SAKERLOK-SET (OR EQUIVAL	
or describe any other casing-to	ubing seal). W/ TENSION SET PKR AT ±5650.
ther Data	
. Name of the injection format	tion BLINEBRY DRINKARD
. Name of Field or Pool (if as	
•	
	for injection? / Yes / No
	the well criginally criller?
	-C. J. DRINKARD OIL PROD AND NIBE GASTROD
. Has the well ever been perf	orated in any other concis (List all such perforated intervold acks of dement or bridge plug(s) used
1821 (0074-1,33	39) WILL BE SOZ'D W/ = 1005%.
<u> </u>	
this area.	of any overlying and or underlying bil of got books spools with
	\/?/
	*

OPERATOR	LEASE /FORMERLY ARCO'S
SWEPI WILL NO.	NORTHEAST DRINKARD (S.J. SARKEYS # 1)
915W	1980' FSL & 1980' FEL 23-215-37E
72014	1980 F.S. 9 1980 FEC 23-213-31E
Sch	ematic Tabular Data
	Surface Casing Size $10^{3}/4$ " Cemented with 200 sx.
4	TOC SURF feet determined by CIRC
	Hole size $12\frac{1}{2}$
	Sweet Intermediate Casing
	Size
	Hole size 9/2"
	INTERMEDIATE Long string
4 ,	75% © 2933' 5'- 5'-/2
1	statesx.
	TOC 3820 feet determined by TEMP Sny Hole size 63/4
	Long STRING
	Size 32 LINER CEMENTED WITH 150 SX
	TOC TOLE 16000' FRET DETERMINED BY CIRC HOLE SIZE 434"
\succeq	T- 1-00 (100 - 1150)
	BLINEBRY THIERTION INTERNAL
	TOLE + 6000' TOLE + 6000' TOLE + 6000' TOLE + 6000'
	5½"@ 6000" =5600 FEET TO ±6700 FEET (One) HOLE 6650
	# DEINKARD
	# 16500-6700 * DOWNHOLE FLOW REGULATORS IN SIDEPOCKET MANDREL OPPOSITE BLINEBER AND AT THE
	END OF THE TUBING STRING OPPOSITE
	DRINKARD.
TD.	<u>~~~</u>
Tubing size	e 23/8 lined with FIBERGIASS EPOXY set in a
37 BAKE	(material) PRIOR-SET (OR EQUIVALENT) packer at ±6450 feet,
•	rand and model)
Other Data	be any other casing-tubing seal). ω/Δ 52 TENSION PKR AT 1 5550.
	f the injection formation ENERRY DRINKARD
	f Field or Pool (if applicable) RINKARI
3. Is this	s a new well drilled for injection? / / Yes / No
If no,	for what purpose was the well originally drilled?
	EUNESEY TRODUCES
	e well ever been perforated in any other zone(s)? List all such perforated intervals ve plugging detail (sacks of cement or bridge plug(s) used)
· · · · · · · ·	· -1/10-
5. Give the this as	he depth to and name of any overlying and/or underlying oil or gas zones (pools) in rea.

			11110	DATIFICATIONS				
TRACT	WORKING Interest	WORKING Interest	OIL PHASE 1	OIL PHASE 2	GAS PHASE 1	GAS PHASE 2	RATIFIED?	RATIFICATIONS % OF TRACT
NUMBER	OWNER(S)	(%) ====================================	(%) ========	(%) ========	(%) =========	(%) =========	=======	**********
i	ANOCO PROD. CO.	25.00000	3.19019	2.90662	2.03529	1.71939	X	25.00000
	ARCO DIL & GAS CO.	25.00000						0.00000
	CHEVRON, USA, INC.	25.00000					χ	25.00000
	CONOCO, INC.	25.00000					X	25.00000
		100.00000	12,76076	11.62648	8.14116	6.87756	•	75.00000
					, <u>, </u>			RATIFICATIONS
	ROYALTY	ROYALTY	OIL /	OIL	GAS	GAS		% OF TRACT
	INTEREST	INTEREST	PHASE 1	PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
	OWNER(S)	(%)	(%)	(%)	(%)	(%)		
	=======================================				_=========	===\$3=====		
	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

TRACT Number		WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)		GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
	STATE OF NEW	MEXICO	12.50000 12.50000					X	100.00000

														RATIFICATIONS
TRACT Number			WORKING INTEREST OWNER(S)		WORKING Interest (%)	OIL PHASE (OIL PHASE		GAS PHAS		GAS PHASE 2 (%)	RATIFIED?	% OF TRACT
20225220	:::::::::	=====	:=======	######################################	:=======	=====	:522222	=====	======	====	s====s=		*=========	***********
3	CHEVRON,	USA,	INC.(GULF	OIL CORP.)	100.00000	4	.63358	1	5.82141		0.59464	2.10554	X	100.00000
				-	100.00000	4	1.63358	1	5.82141		0.59464	2.10554		100.00000
														RATIFICATIONS
			ROYALTY		ROYALTY	OIL		OIL		GAS		GAS		% OF TRACT
			INTEREST		INTEREST	PHASE	1	PHASI	E 2	PHAS	El	PHASE 2	RATIFIED?	
			OWNER(S)		(%)	=====	(%)		(%)		(%) =======	(%)	*********	
	STATE OF	NEW !	MEXICO	_	12.50000		39032		5.56607		0.56982	2.02849	X	100.00000
					12.50000		.39032		5.56607		0.56982	2.02849		100.00000

NUMBER	61775	
### SHELL MESTERN E&P INC. 100.00000 3.35015 3.37787 1.24098 2.70672 ### LOT 8 SEC 4 100.00000 3.35015 3.37787 1.24098 2.70672 ### LOT 8 SEC 4 100.00000 3.35015 3.37787 1.24098 2.70672 ### LOT 9 SEC 3 101 8 SEC 4) ### ROYALTY	% OF FIED?	
LOT 8 SEC 4 T - LOT 9 SEC 3 LOT 8 SEC 4) ROYALTY ROYALTY DIL OIL GAS GAS DINTEREST DHASE 1 PHASE 2 PHASE 2 PHASE 1 PHASE 2 PHASE 1 PHASE 2 PHASE 2 PHASE 1 PHASE 2 PHASE 2 PHASE 1 PHASE 2		100.000
ROYALTY INTEREST PHASE 1 PHASE 2 PHASE 1 PHASE 2 PHASE 2 PHASE 1 PHASE 2 PHASE 2 PHASE 3 PHASE 2 PHASE 3 PHASE 4 PHASE 2 PHASE 4 PHASE 5 PHASE 6 PHASE 6 PHASE 7 PHASE 7 PHASE 7 PHASE 7 PHASE 7 PHASE 8 PHASE 7 PHASE 8 PHASE 9 PHASE 9 PHASE 9 PHASE 1 PHASE 2 PHASE 1 PHA	10	100.000
C. H. COLL 0.39062 0.09919 0.10093 0.03716 0.08149 J. N. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 J. F. COLL 0.39062 0.09919 0.10093 0.03716 0.08149 M. W. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 M. W. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 C. D. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 C. M. CRAIN 0.18229 0.04629 0.04710 0.01734 0.03803 M. W. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN,TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803	% OF FIED?	ATIFICATI % OF TRAC
J. N. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 J. F. COLL 0.39062 0.09919 0.10093 0.03716 0.08149 M. M. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 C. D. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 C. M. CRAIN 0.18229 0.04629 0.04710 0.01734 0.03803 M. M. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN, TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		1.666
J. F. COLL 0.39062 0.09919 0.10093 0.03716 0.08149 M. W. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 C. D. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 C. M. CRAIN 0.18229 0.04629 0.04710 0.01734 0.03803 M. M. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN,TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HUNTER OIL 1.56250 0.39678 0.40		1.666
M. W. COLL 0.39063 0.09920 0.10093 0.03716 0.08149 C. D. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 C. M. CRAIN 0.18229 0.04629 0.04710 0.01734 0.03803 M. W. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. H. DREESSEN,TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.353		1.666
C. M. CRAIN 0.18229 0.04629 0.04710 0.01734 0.03803 M. W. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 N. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN,TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879		1.666
M. W. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 M. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN,TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 <t< td=""><td>X</td><td>2.333</td></t<>	X	2.333
P. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 R. K. CRAIN 0.18228 0.04629 0.04710 0.01734 0.03803 N. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN, TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803	X	0.777
R. K. CRAIN O.18228 O.04629 O.04710 O.01734 O.03803 M. R. CRAIN O.54688 O.13888 O.14130 O.05203 O.11409 BANK OF CALF O.44531 O.11308 O.11506 O.04236 O.09290 B. M. DREESSEN, TRUSTEE O.58593 O.14879 O.15139 O.05574 O.12223 E. DREESSEN O.07031 O.01785 O.01817 O.00669 O.01467 HOLMES 2.73438 O.69437 O.70650 O.26013 O.57043 HUNTER OIL 1.56250 O.39678 O.40371 O.14865 O.32596 N. JOHNSON 2.73438 O.69437 O.70650 O.26013 O.57043 D. B. KYTE 1.36719 O.34719 O.35325 O.13007 O.28521 B. M. DREESSEN, I. POWELL O.58594 O.14879 O.15139 O.05574 O.12224 MATSUURA	X	2.333
N. R. CRAIN 0.54688 0.13888 0.14130 0.05203 0.11409 BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN, TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803	X	2.333
BANK OF CALF 0.44531 0.11308 0.11506 0.04236 0.09290 B. M. DREESSEN,TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		0.000
B. M. DREESSEN, TRUSTEE 0.58593 0.14879 0.15139 0.05574 0.12223 E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803	X	2.333
E. DREESSEN 0.07031 0.01785 0.01817 0.00669 0.01467 HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER DIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		0.000
HOLMES 2.73438 0.69437 0.70650 0.26013 0.57043 HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803	X	2.499
HUNTER OIL 1.56250 0.39678 0.40371 0.14865 0.32596 N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		0.000
N. JOHNSON 2.73438 0.69437 0.70650 0.26013 0.57043 D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		11.666
D. B. KYTE 1.36719 0.34719 0.35325 0.13007 0.28521 B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		6.666
B. M. DREESSEN, I. POWELL 0.58594 0.14879 0.15139 0.05574 0.12224 MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		0.000
MATSUURA 0.18228 0.04629 0.04710 0.01734 0.03803		0.000
		2.500
		0.777
METHODIST HOME 1.56250 0.39678 0.40371 0.14865 0.32596		6.666
A L. NEWSOM 3.12500 0.79357 0.80743 0.29730 0.65192		13.333
I. POWELL 0.07031 0.01785 0.01817 0.00669 0.01467		0.299
I. RODGERS 2.73438 0.69437 0.70650 0.26013 0.57043 J. TAYLOR 1.56250 0.39678 0.40371 0.14865 0.32596		11.666 6.666
23.43750 5.95175 6.05570 2.22972 4.88938	 -	79.522

TRACT NUMBER	WORKING Interest Owner(s)	₩ORKING Interest (%)	OIL PHASE 1 (%)		GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
4B	SHELL WESTERN E&P INC.	100.00000	2.19816	1.02490	0.89325	1.61471	X	100.00000
	(BD - LOTS 6,11 SEC 3)	100.00000	2.19816	1.02490	0.89325	1.61471	•	100.00000
	ROYALTY Interest		OIL PHASE 1		GAS PHASE 1	GAS PHASE 2	RATIFIED?	
	OWNER(S)	(%)	(%)	(%) ==========	(%) =======	(%)	=======================================	.======
	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				0.05542		0.00000
	B. M. DREESSEN, TRUSTEE	0.58593					X	4.68744
	E. DREESSEN	0.07031						0.00000
	HUNTER OIL	1.56250					X	12.50000
	D. B. KYTE	1.36719						0.00000
	B. M. DREESSEN, I. POWELL	0.58594						4.68752
	METHODIST HOME	1.56250						12.50000
	A L. NEWSOM	3.12500						25.00000
	I. POWELL J. TAYLOR	0.07031 1.56250						0.56248 12.50000
		12.50000	2.08276	0.979 9 5	0.85597	1.55562	-	84.93744

TRACT NUMBER	WORKING Interest Owner(s)	WORKING Interest (%)	PHASE 1 (%)	PHASE 2	PHASE 1 (%)	PHASE 2 (%)		
4C	SHELL WESTERN E&P INC.	100.00000	0.01265	0.01307				100.0000
	(TD - LOTS 5,6,10,11 SEC 3)		0.01265		3.13394	0.87238	RATIFIED?	100.0000
	ROYALTY INTEREST OWNER(S)	INTEREST (%)	(Z)	PHASE 2	PHASE 1 (%)	GAS PHASE 2 (%)		RATIFICATIO % OF TRACT
	C. H. COLL	0.39062	0.00037	0.00039	0.09385	0.02626	X	2.1738
	J. N. COLL	0.39063						2.173
	J. F. COLL	0.39062						2.173
	M. W. COLL	0.39063	0.00037	0.00039	0.09385			2.173
	C. D. CRAIN	0.27344	0.00026	0.00027	0.06569			1.521
	C. M. CRAIN	0.09114	0.00009	0.00009	0.02190			0.507
	M. W. CRAIN	0.27344	0.00026	0.00027	0.06569	0.01839	X	1.521
	P. CRAIN	0.27344		0.00027	0.06569		X	1.521
	R. K. CRAIN	0.09114	0.00009	0.00009	0.02190	0.00613		0.000
	W. R. CRAIN	0.27344	0.00026	0.00027	0.06569	0.01839	X	1.521
	BANK OF CALF	0.44532	0.00043	0.00045	0.10699	0.02994		0.000
	B. M. DREESSEN, TRUSTEE	0.58593	0.00056	0.00059	0.14077	0.03940	X	3.260
	E. DREESSEN	0.07031	0.00007	0.00007	0.01689	0.00473		0.000
	HOLMES	1.36719	0.00131	0.00137	0.32847	0.09193	X	7.608
	HUNTER OIL	1.56250	0.00150	0.00156	0.37539	0.10506	X	8.695
	N. JOHNSON	1.36719	0.00131	0.00137	0.32847	0.09193		0.000
	D. B. KYTE	1.36719	0.00131	0.00137	0.32847	0.09193		0.000
	B. M. DREESSEN, I. POWELL	0.58594	0.00056	0.00059	0.14077	0.03940	X	3.260
	MATSUURA	0.09114						0.507
	METHODIST HOME	1.56250						8.695
	A L. NEWSOM	3.12500	0.00300			0.21011	X	17.391
	I. POWELL	0.07031					X	0.391
	I. RODGERS	1.36719						7.608
	J. TAYLOR	1.56250	0.00150	0.00156	0.37539	0.10506	χ	8.695
		17.96875	0.01723	0.01798	4.31701	1.20816	-	81.405

						RATIFICATI			
TRACT Number		WORKING INTEREST OWNER(S)	WORKING Interest (%)	(%)	(%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		% OF TRACT
5	SHELL WESTERN	E&P INC.	100.00000	7.17958	7.87876	8.77204	7.24535	X	100.0000
			100.00000	7.17958	7.87876	8.77204	7.24535	•	100.0000
	ROYALTY INTEREST OWNER(S)	ROYALTY Interest (%)	PHASE 1	OIL PHASE 2 (%)	(%)	PHASE 2 (%)	RATIFIED?	RATIFICATIO % OF TRACT	
	ADAMS		0.07324					X	0.5859
	ANOCO		0.41667					X X	
	BAKER		0.41687					¥	3.3333
	D. BENNETT		0.03473					X	0.000 1.388
	R. BENNETT		0.17361					X	1.388
	V. BENNETT		0.17361					χ	1.388
	BLACK		0.06944					χ	0.555
	BYERS		0.50348					Ŷ	4.027
	CAMPBELL		0.26042					Ŷ	2.083
	CHASKIN		0.06944					Ŷ	0.555
	CONE		0.30816					^	0.000
	COWART		0.01954					X	0.156
	CROW		0.01830					•	0.000
	CURRY		0.20833					X	1.666
	COX		0.39062					X	3.124
	DALDAL		0.03907					X	0.312
	DEKKER		0.01830					χ	0.146
	DUNN		0.09765					X	0.781
	FAIRWAY		0.17361						0,000
	TRUST NO. 320		0.39063					X	3.125
	TRUST NO. 319		0.39062	0.21258				X	3.124
	C. HAMM		0.20833	0.11338				X	1.666
	T. HAMM		0.41667	0.22676	0.25111	0.28020	0.23268	X	3.333
	W. HAMM		0.41667	0.22676	0.25111	0.28020	0.23268	X	3.333
	HAMON		0.39063	0.21259	0.23541	0.26269	0.21813	X	3.125
	HANAHO		0.17361			0.11675	0.09695		0.000
	HARRIS		0.14648					X	1.171
	HARSIN		0.09765					Ĭ	0.781
	HERD		0.17361					X	1.388
	HOLDEN		0.01830					X	0.146
	HOPKINS		0.07324					X	0.585
	JONES		0.09765					X	0.781
	KENYON		0.03907						0.000
	E. LADNER		0.21701					X 	1.736
	H. LADNER		0.21702					X	1.736
	J. LADNER		0.21701	0.11810	0.1307E	0.14593	0.12118	X	1.736

M. LADNER	0.86806	0.47241	0.52314	0.58375	0.48474	v	/ 04440
LEVY	0.06944	0.03779	0.04185	0.04670	0.48474	X X	6.94448 0.55552
J. W. LOVE	0.02442	0.01329	0.04183	0.01642	0.01364	A	0.00000
J. A. LOVE	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
K. G. LOVE	0.02442	0.01327	0.01472	0.01642	0.01364	Ŷ	0.17536
MALABY	0.19530	0.10628	0.11770	0.13133	0.10906	Ŷ	1.56240
MARKHAM	0.30816	0.16770	0.18571	0.20723	0.17708	χ	2.46528
MATZENBACKER	0.01464	0.00797	0.10371	0.00985	0.17208	X X	0.11712
MCDUFFIE	0.13889	0.0775	0.08370	0.00783	0.00016	χ	1.11112
MCGOUGH	0.00367	0.00200	0.00370	0.07340	0.07736	X	0.02936
MOHON	0.00347	0.00200				Á	
MOORE	0.32552	0.01327	0.01472	0.01642	0.01364		0.00000
PRATER			0.19618	0.21890	0.18178	v	0.00000
RIPS	0.19531	0.10629	0.11770	0.13134	0.10906	X	1.56248
	0.06945	0.03780	0.04185	0.04670	0.03878	X	0.55560
ROBERTSON	0.21701	0.11810	0.13078	0.14593	0.12118	X	1.73608
RORSCHACH	0.78125	0.42517	0.47082	0.52537	0.43626	X	6.25000
SANDS	0.11719	0.06378	0.07063	0.07881	0.06544	X	0.93752
SHULIE	0.19530	0.10628	0.11770	0.13133	0.10906	X	1.56240
SPLITTGERBER	0.09766	0.05315	0.05886	0.06567	0.05454	X	0.78128
TABOR	0.07324	0.03986	0.04414	0.04925	0.04090	X	0.58592
TERREL	0.09765	0.05314	0.05885	0.06567	0.05453	X	0.78120
TEXACO	0.62500	0.34013	0.37666	0.42030	0.34901		0.00000
TRUSS	0.01953	0.01063	0.01177	0.01313	0.01091	X	0.15624
TURLAND ESTATE	0.14648	0.07972	0.08828	0.09850	0.08180		0.00000
ACE TURLAND	0.02442	0.01329	0.01472	0.01642	0.01364		0.00000
ANN TURLAND	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
B. T. TURLAND	0.00732	0.00398	0.00441	0.00492	0.00409	X	0.05856
C. G. TURLAND	0.00732	0.00398	0.00441	0.00492	0.00409		0.00000
DONALD TURLAND	0.09766	0.05315	0.05886	0.06567	0.05454	X	0.78128
D. D. TURLAND	0.01831	0.00996	0.01103	0.01231	0.01022		0.00000
M. E. R. TURLAND	0.05859	0.03189	0.03531	0.03940	0.03272	X	0.46872
P. TURLAND	0.02442	0.01329	0.01472	0.01642	0.01364	X	0.19536
W. H. TURLAND	0.07323	0.03985	0.04413	0.04925	0.04089		0.00000
WELBORN	0.30816	0.16770	0.18571	0.20723	0.17208	X	2.46528
BONNIE WELMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
BILLIE JEAN WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
MACK WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
M. E. WILMETH	0.01302	0.00709	0.00785	0.00876	0.00727	X	0.10416
R. WILMETH	0.01302	0.00709	0.00785	0.00876	0.00727	X	0.10416
T. T. WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
T. S. A. WILMETH	0.01303	0.00709	0.00785	0.00876	0.00728	X	0.10424
V. S. WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
N. C. WILMETH	0.03907	0.02126	0.02355	0.02627	0.02182	X	0.31256
	12.50000	6.80265	7.53318	8.40592	6.98022		83.70560

									RATIFICATIONS	
TRACT Number		WORKING Interest Owner(s)		OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	% OF TRACT	
6 6	TEXACO, INC. PHILLIPS		90.00000 10.00000					χ	90.00000 0.00000	
			100.00000	0.21810	0.16994	0.27197	0.27151		90.00000	
	***************************************	ROYALTY INTEREST OWNER(S)	ROYALTY INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	6AS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT	
	TEXACO INC. BYERS		11.25000 2.50000					X X	81.81818 18.18182	
			13.75000	0.22731	0.17873	0.28668	0.28773		100.00000	

TRACT Number		WORKING INTEREST OWNER(S)	WORKING Interest (%)		OIL PHASE 2 (%)		GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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 1	MEXICO	12.50000 12.50000					X	100.00000

								DATIFICATIONS
TRACT Number	WORKING Interest Owner(s)	WORKING Interest (%)		OIL PHASE 2 (%)		GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS Z OF TRACT
=======		.=========	32222222222				========	=======================================
	AMOCO PROD. CO. ARCO OIL & GAS CO.	25.00000 25.00000		0.66566 0.66566		0.60084 0.60084	X	25.00000 0.00000
	CHEVRON, USA, INC.	25.00000				0.60084	X	25.00000
9	CONOCO, INC.	25.00000				0.60084	χ	25.00000
	,							
		100.00000	5.22664	2.66264	1.94756	2.40336		75.00000
								RATIFICATIONS
	ROYALTY	ROYALTY	OIL	OIL	6AS	GAS		% OF TRACT
	INTEREST	INTEREST	PHASE 1	PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
	OWNER(S)	(%)	(%)	(%)	(%)	(%)		
	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

FRACT Number	WORKING Interest Owner(s)	WORKING Interest (%)	(Z)	(%)	PHASE 1 (%)	GAS PHASE 2 (%)		RATIFICATIONS 2 OF TRACT
	MERIDIAN OIL INC.	100.00000			0.80226			0.0000
		100.00000	0.58269	0.58557	0.80226	1.19394		0.0000
	ROYALTY Interest		PHASE 1	PHASE 2	GAS PHASE 1	PHASE 2	RATIFIED?	RATIFICATION
	OWNER(S)	(%) ====================================		(%) ========	(%) ========	(%) =======	=========	=======================================
	J. W. NICHOLS	0.29297	0.01294	0.01312	0.01802	0.02696	X	2.3437
	C. P. NICHOLS	0.14649					X	1.1718
	J. A. & D. T. BECKER	0.44759					χ̈́	3.580
	J. A. BECKER	0.44759					X	3.580
	COMDEN	2.34375					X	18.750
	SLAGLE	0.29297	0.01294	0.01312			X	2.343
	TRUST 1055	0.14649	0.00647	0.00656	0.00901	0.01348	X	1.171
	GRANT	0.07487	0.00331	0.00335	0.00460	0.00689	X	0.598
	IRVIN	0.58594	0.02588	0.02624	0.03604	0.05392	X	4.687
	LEFLORE	3.12500	0.13802	0.13997	0.19219	0.28756	X	25.000
	NERWICK	0.37164					X	2.973
	PERKINS	0.29297					X	2.343
	REESE	0.78125					X	6.250
	RODGERS	1.04004					X	8.320
	J. SIMPSON	0.37164					X	2.973
	P. J. SIMPSON	0.37164					v	0.000
	STAGNER	0.78125					X	6.250
	WILLIAMS	0.58594	0.02588	0.02624	0.03604	0.05392	X -	4.687

TRACT Number	WORKING Interest Owner(s)	WORKING INTEREST (%)		OIL PHASE 2 (%)		GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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 12.50000					X	100.00000

									RATIFICATIONS
		WORKING	WORKING	OIL	OIL	GAS	GAS		% OF TRACT
TRACT		INTEREST	INTEREST	PHASE 1	PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
NUMBER	===========	OWNER(S)	(%)	(%) ====================================	(%)	(%)	(%)		
4.7	MEDIBIAN DI	7115	100 0000	. 777.10	4 47400	4 05404			
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	ROYALTY	OIL	OIL	6AS	GAS		RATIFICATIONS % OF TRACT
		INTEREST	INTEREST	PHASE 1	PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
		OWNER(S)	(%)	(%)	(%)	(%)	(%)		

	KOLLIKER		0.09766	0.01286	0.01069	0.01461	0.01090	X	0.39062
	C. GUTMAN TRI	UST	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 NAT	TL 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 GI	UTMAN	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	0.808.0	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

			CHII		DATIFICATIONS			
TRACT Number	• •	WORKING Interest (2)	(%)	OIL PHASE 2 (%)	(%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
14	AMOCO PROD. CO.	24.21875					X	24.21875
14	ANN W. MORRIS	0.52084					X	0.52084
14	ARCO OIL & GAS CO.	24.21875						0.00000
14	CHEVRON, USA, INC.	24.21875					X	24.21875
14	CONOCO, INC.	24.21875						24.21875
14	IRMA SPEAR	1.56250						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
								RATIFICATIONS
	ROYALTY	ROYALTY	OIL	OIL	GAS	GAS		% OF TRACT
	INTEREST	INTEREST		PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
	OWNER(S)	(1) 	(%) =========	(%) ==========	(%) ====================================	(%) =========	:== ===	
	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
	GDODDING	0.01799	0.00419	0.00356	0.00255	0.00298	X	0.14620
	KAENPF	0.11709	0.02727	0.02319	0.01662	0.01942	X	0.95159
	LIBERTY	0.67709	0.15771	0.13408				5.50270
	WOLFSON PROPERTIES	0.72917	0.16984	0.14440	0.10351			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				X	6.34921
	PHILADELPHIA NATL BANK	0.06511						0.00000
	RICE	1.56250					χ	12.69842
	SENNER	0.15625	0.03639				X	1.26984
	SMITH	0.67708					X	5.50262
	SW BAPTIST	1.24349					X	10.10583
	E. SPEAR	0.09765					X	0.79360
	H. SPEAR	0.09766					X	0.79368
	F. B. SWARTS	0.19531	0.04549					0.00000
	H. L. & F. B. SWARTS	0.09768	0.02275					0.00000
	TEX COMM BANK	1.56250	0.36394	0.30942	0.22181		X	12.69842
	TODD	0.67708	0.15771					0.00000
	WOLFSON	0.72917	0.16984					5.92596
	WRIGHT	0.12534	0.02919					1.01864
		12.30468	3 2.86604	2.43670	1.74676	5 2.04044	_	91.58727

TRACT NUMBER	***********	WORKING INTEREST OWNER(S)	WORKING Interest (%)		OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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 12.50000					X	100.00000

								RATIFICATIONS
TRACT NUMBER	WORKING Interest Owner(s)	WORKING Interest (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	% OF TRACT
16	CITIES SERVICE	100.00000	1.30534	2.04652	2.90013	1.81106	χ	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			~=	J	X	100.00000

TRACT Number	************	WORKING INTEREST OWNER(S)	WORKING INTEREST (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS 2 OF TRACT
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 12.50000					X	100.00000

			OUT!	FHKIIGIFHIII		RATIFICATIONS		
TRACT	INTEREST	WORKING Interest			PHASE 1			% OF TRACT
NUMBER	OWNER(S)	(%)		(%)	(%)	(%)		
					=========	==========	2========	
18BD	AJN CO.	2.06665	0.06882	0.06132	0.03647	0.03615		0.00000
18BD	ARCO DIL & GAS CO.	25.00000	0.83245	0.74172	0.44122	0.43732		0.00000
18BD	B.M. JERIGAN	14.46667	0.48171	0.42921	0.25532	0.25306	X	14.46667
18BD	CEM CO.	2.06665	0.06882	0.06132	0.03647	0.03615		0.00000
	EMM CO.	2.06667	0.06882	0.06132	0.03647	0.03616		0.00000
18BD	J.E. MORAN TRUST	14.46667	0.48171	0.42921	0.25532	0.25306		0.00000
18BD	KAM CO.	2.06667		0.06132	0.03647	0.03616		0.00000
18BD	KPM CO.	2.06667 6.60001	0.06882	0.06132	0.03647	0.03616		0.00000
18BD	PARRISH TRUST PGM CQ.			0.19581	0.11648	0.11545		0.00000
18BD	PGM CQ.	2.06667						0.00000
18BD	SHELL WESTERN EAP INC.	25.00000	0.83245	0.74172	0.44122	0.43732	X	25.00000
18BD	THM 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
								RATIFICATIONS
	ROYALTY	ROYALTY	DIL	01L	GAS	GAS		% OF TRACT
	INTEREST	INTEREST	PHASE 1	PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
	OWNER(S)	(%) ========	(%)		(%)	(%)		
	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					X	2.63155
	J. F. COLL	0.39062					X	2.63155
	J. N. COLL	0.39063						2.63161
	M. W. COLL	0.39063						2.63161
	J. BLEVINS CRUMP	1.17187						7.89470
	D. C. BLEVINS	1.17188						7.89477
	HENDRICK MEN HOSP	1.56250		0.35460				0.00000
	WISER OIL	1.56250	0.39438	0.35460		0.21066		10.52632
		14.8437	3.74658	3.36867	2.00829			68.42105

								DATIETCATIONS
TRACT Number	WORKING Interest Owner(s)	WORKING Interest (%)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)		RATIFICATIONS % OF TRACT
18T	AJM CO.	1.29167	0.00000	0.00218	0.00571	0.01077		0.00000
18T	ARCO DIL & GAS CD.	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
187	CEM CO.	1.29167	0.00000	0.00218	0.00571	0.01077		0.00000
181	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
187	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
187	PARRISH TRUST	4.12503	0.00000	0.00695	0.01823	0.03440		0.00000
18T	PSM CO.	1.29166	0.00000	0.00218	0.00571	0.01077		0.00000
187	SHELL WESTERN EAP INC.	43.75000	0.00000	0.07370	0.19331	0.36482	X	43.75000
18T	THH 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	ROYALTY Interest	OIL PHASE 1	OIL PHASE 2	GAS PHASE 1	GAS PHASE 2	RATIFIED?	RATIFICATIONS % OF TRACT
OWNER(S)	(%) ====================================	(%) =========	(%) ==========	(%) =========	(%) ==========		
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
N. 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

			DATI FHRITCIPHITUMS					RATIFICATIONS
TRACT Number	INTEREST	WORKING Interest (%)			PHASE 1	GAS PHASE 2 (%)		7 OF TRACT
MUNDEN =======	• •	(2222222222	==========
19	ARCO DIL & GAS CO.	25.00000	0.49955	0.43511	0.41985	0.29627		0.00000
19	B.M. JERIGAN	3.61666					X	3.61666
19	J.E. MORAN TRUST	3.61667					•	0.00000
19	MORAN PARTNERSHIP	3.61667					X	3.61667
19	PARRISH TRUST	1.65000						0.00000
19		62.50000			1.04960	0.74069		62.50000
		100.00000	1.99820	1.74047		1.18509		69.73333
								RATIFICATIONS
	ROYALTY			OIL		GAS		% OF TRACT
	INTEREST	INTEREST				PHASE 2	RATIFIED?	
	OWNER(S)	(%) ====================================		(%) =======	(%) ========	(%) =========		=======================================
	S. ANDREWS	3.35656	0.50840	0.44686	0.43213	0.30658	¥	19.08973
	ARCO	3.12500						0.00000
		2.89344						
	C. H. COLL	0.39062						2.22157
	J. N. COLL	0.39062	0.05916	0.05200	0.05029	0.03568	X	2.22157
	J. F. COLL	0.39063	0.05917	0.05200	0.05029	0.03568	X	2.22163
	M. W. COLL	0.39063	0.05917	0.05200	0.05029	0.03568	X	2.22163
	J. B. CRUMP	1.56250	0.23666	0.20802	0.20116	0.14272	X	8.88639
	D. C. BLEVINS	1.56250	0.23666	0.20802	0.20116	0.14272	X	8.88639
				0.00000	A 2011/	A 14975		0.00000
	HENDRICK MEM HOSP	1.56250	0.23666	0.20802	0.20116	0.14272		0.00000
	HENDRICK MEM HOSP MORAN PARTNERSHIP				0.05093	0.03613		2.24972

17.58307 2.66319 2.34084 2.26370 1.60600 73.34083

TRACT Numbei	INTEREST	INTEREST (%)	PHASE 1 (%)	PHASE 2	(%)	PHASE 2 (%)		RATIFICATIONS % OF TRACT
20	SHELL WESTERN E&P INC.					7.04307		100.00000
			4.52314			7.04307		100.00000
		INTEREST (Z)	PHASE 1	PHASE 2	PHASE 1 (%)	PHASE 2	RATIFIED?	
	ARCO	6.25000	2.14284	2.72449	4.18029	3,39267		0.00000
	ELLIOTT OIL	0.78125						6.25000
	HAND TRUST, 101-3084	0.09766	0.03348	0.04257	0.06532	0.05301	X	0.78128
	HAND TRUST, 1013068	0.09745	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			0.13064	0.10602	X	1.56256
	R. HERRING	0.19531						1.56248
	JETER	0.78125						0.00000
	JONES	0.19531						0.00000
	JONES ROBINSON	0.39063						3.12504
	UNITED N. H. TRUST	1.17188						9.37504
	S. H. LLOYD	0.19531						1.56248
	SHRINERS	0.39062						3.12496
	J. S. SULLIVAN TRUST, 101-3076	0.09766						0.78128 0.78120
	J. S. SULLIVAN TRUST, 101-3033	0.09765	A A7740	0.04257				

12.50000 4.28568 5.44898 8.36058 6.78534

42.18752

			UNIT			DATICICATIONS		
TRACT Number	MORKING INTEREST OWNER(S)	WORKING Interest (%)	(%)	OIL PHASE 2 (%)	(%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
2								
21	A.Z. CONE	6.00000	0.10577	0.16047	0.23329	0.21025	X	6.00000
21	CHARLES L. COBB	0.25000					X	0.25000
21	FELMONT OIL CORP.	4.49220					X	4.49220
21	J. GARRISON	0.06250					*	0.00000
21	K.A.C. KECK	9.16666	0.16159				X	9.16666
21	L. HOWARD	0.12500	0.00220				۸	0.00000
21	MARATHON	70.50780						0.00000
21	M. RIWINSKY	0.06250						0.00000
21	M.C. KASTMAN	4.16667					X	4.16667
21	O.W. MCWHORTER	0.25000					χ	0.25000
21	P. SHELTON	0.37500						0.00000
21	S.E. CONE, JR.	4.54167					X	4.54167
	-						. "	
		100.00000	1.76279	2.67457	3.88820	3.50417		28.86720
				-10/10/				
								RATIFICATIONS
	ROYALTY	ROYALTY	OIL	OIL	6AS	GAS		% OF TRACT
	INTEREST	INTEREST	PHASE 1	PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
	OWNER(S)	(%)	(%)	(7)	(%)	(%)		
		========	=======================================	=========	========	=======================================	=========	=======================================
	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						0.00000
	CAMPBELL	0.15625					X	1.73442
	HARMON	1.17187					X	13.00807
	DANGLADE	0.39063					X	4.33610
	A. Z. CONE	0.19531					X	2.16799
	FULTON	0.19531					X	2.16799
	S. E. CONE	0.13021					X	1.44537
	SPEIGHT	0.39063					X	4.33610
	RORSCHACH	0.19532					X	2.16810
	J. N. GLASS	0.01831					X	0.20325
	KECK	0.91146					X	10.11745
	S. WOLFSON	0.07812					X	0.86715
	R. WOLFSON	0.07813					X	0.86726
	KASTMAN	1.10677					X	12.28545
	PENN BANK	0.07324						0.00000
	RHONE	0.15625					¥	0.00000
	G. EAGER	0.09766					X	1.08405
	M. R. EAGER	0.09765					X	1.08394
	D. M. PHILLIPS J. W. PHILLIPS	0.01464 0.01465					X X	0.16251
	P. M. PHILLIPS	0.01465					Å	0.16262 0.00000
		0.19532					٧	
	MARKHAN	0.17337	. 0.02010	0.03996	0.05822	0.05275	X	2.16810

BRADFIELD P. D. PHILLIPS	0.01831 0.01465	0.002 4 5 0.00196	0.00375 0.00300	0.00 546 0.00 4 37	0.00495 0.00396	X	0.20325 0.16262
W. D. PHILLIPS	0.01465	0.00176	0.00300	0.00437	0.00394	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

			2011		DATIFICATIONS			
TRACT NUMBER	WORKING Interest Owner(s)	INTEREST (%)	PHASE 1 (%)	PHASE 2 (%)	PHASE 1 (%)	(%)	RATIFIED?	RATIFICATIONS % OF TRACT
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)	INTEREST (%)	(%)	PHASE 2	(%)	PHASE 2 (%)		RATIFICATIONS % OF TRACT
	ARCO	6.25000	1.99402	2.13253	3.64821	3.12036		0.00000
	ELLIOTT OIL	0.78125						6.25000
	HAND TRUST, 101-3084	0.09766	0.03116					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		1.56256
	R. HERRING	0.19531	0.06231	0.06664	0.11401	0.09751	X	1.56248
	JETER	0.78125			0.45603	0.39004		0.00000
	JONES	0.19531			0.11401	0.09751		0.00000
	JONES ROBINSON	0.39063			0.22802	0.19502	X	3.12504
	UNITED N. M. TRUST	1.17188						9.37504
	S. H. LLOYD	0.19531						1.56248
	SHRINERS	0.39062				0.19502		3.12496
	J. S. SULLIVAN TRUST, 101-3076	0.09766						0.78128
	J. S. SULLIVAN TRUST, 101-3033	0.09765						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

			01111	LHK1161LH111	una			DATIFICATIONS
TRACT Number	• •	WORKING INTEREST (2)	(%)	(%)	(%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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				X	1.31250
24	CHEVRON, USA, INC.(GULF OIL CORP.)	81.25000	0.33658	2.24855	0.46881	2.98045	X	81.25000
		100.00000	0.41425	2.76744	0.82315	3.66825		100.00000
	ROYALTY	ROYALTY	OIL	OIL	6AS	GAS		RATIFICATIONS % OF TRACT
	INTEREST	INTEREST		PHASE 2	PHASE 1	PHASE 2	RATIFIED?	
	OWNER(S)	(%) ====================================	(%) ========	(%)	(%)	(%)		
	J. W. GLASS, JR.	0.01830	0.00057	0.00387	0.00115	0.00517	X	0.16732
	S. E. CONE	2.34865					Ŷ	21.47376
	KASTMAN	0.48830						4.46454
	J. R. CONE	2.30470					•	0.00000
	A. L. CONE	1.40630						0.00000
	SPEIGHT	0.78120						7.14253
	COBB	0.02930	0.00092	0.00620	0.00185	0.00828	X	0.26789
	MCWHORTER	0.02930				0.00828	X	0.26789
	SHELTON	0.04390						0.00000
	WOODS	0.39060						3.57127
	FELMONT	0.56150					X	5.13381
	HOWARD	0.01470						0.00000
	PENN BANK	0.07320						0.00000
	BRADFIELD	0.01830						0.16732
	KECK	1.52345					X	13.92894
	D. M. PHILLIPS	0.01470						0.13440
	SCHWANECKE J. W. PHILLIPS	0.39060 0.01 4 70					X X	3.57127
	P. M. PHILLIPS	0.014/0					Ä	0.13 44 0 0.00000
	PETERSON	0.39060					X	3.57127
	GARRISON	0.00730					A	0.00000
	R. M. PHILLIPS ESTATE	0.01460					X	0.13349
	J. W. GLASS SPEC	0.01830						0.16732
	J. W. GLASS, JR., TRUSTEE	0.01830					X	0.16732
	P. D. PHILLIPS TRUST	0.01460						0.13349
	T. W. SCHNAUBERT	0.00730						0.06674
		10.93730	0.34343	2.31525	0.69018	3.09221		64.66495

			UNIT	PARTICIPATI	ONS			0471516471000
TRACT NUMBER	WORKING Interest Owner(s)	WORKING Interest (%)	(7)	(%)	(%)	GAS PHASE 2 (%)		
25B	TEXACO, INC. (GETTY OIL)	43.75000	0.78027	0.66281	1.04637	0.76540	X	4 3.7 50 00
25B	DEVON CORPORATION	30.65625	0.54675	0.46444	0.73321	0.53632		0.00000
258	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
								RATIFICATIONS
	ROYALTY	ROYALTY				GAS		
	INTEREST OWNER(S)	INTEREST (%)	PHASE 1 (%)	PHASE 2	PHASE 1 (%)	PHASE 2 (%)	RATIFIED?	
	*************************		*********		\$\$ \$ \$\$\$\$\$\$\$\$	=======================================		************
	J. MARKHAM	0.71947						5.75576
	J. I. MARKHAM	0.06378	_					0.51024
	BYERS	0.17857						1.42855
	MOBERLY	0.22321						1.78568
	C. B. MARKHAM	0.06378					X	0.51024
	B. J. MARKHAM	0.06378					X	0.51024
	D. L. HANNIFIN	0.07441						0.00000
	UNITED N.M. TRUST	0.66964					X	5.35712
	RATCLIFF	0.03189						0.00000
	TEXACO	1.50714					X	12.85712
	FIRST CITY NATL BANK	0.44643					X	3.57144
	KOLLIKER	0.44644					X	3.57152
	R. H. HANNIFIN	0.07441						0.59528
	MAGOCKI	0.07441						0.59528
	PROCTOR	0.06378						0.51024
	ADKINS	0.07440						0.59520
	MCCORNICK	0.07440						0.00000
	ELLIOT OIL	1.33928						10.71424
	SHRINERS	0.22322					X	1.78576
	CLEVELAND	0.44643					X	3.57144
	WELBORN	0.11161					X	0.89288
	D. A. COPPEDGE	0.02791					X	0.22328
	J. E. MOORE	0.05580					X	0.44640
	STORM	0.11161					X	0.89288
	S. NOLFSON	0.19949					X	1.59592
	J. T. COPPEDGE N. L. MARKHAM	0.02791 0.03188					X	0.22328 0.00000
	M. H. MOORE	0.0558(0.00000
	WILLIAMSON	0.5022					X	4.01784
	ANTHINE	0.50223						0.00000
	WHEELER	0.0558						0.00000
	RATCLIFF	0.0637						0.51016
	COHN	0.1953						1.56248
	COUNT	V.1733.	. V.V2041	A A A A T T C	, v.v.,	r A*ATB33	×.	1.00270

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. MCHHORTER	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	0.00547	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

			PARTICIPATI	ONS			DATIETRATIONS	
TRACT Number	WORKING INTEREST OWNER(S)	WORKING Interest (%)	(%)	(%)	(%)	GAS PHASE 2 (%)		RATIFICATIONS % OF TRACT
25TD	TEXACO, INC. (GETTY OIL)	100.00000	0.57093	0.92379	0.35812	0.74499	Х	100.00000
		100.00000	0.5 7093	0.92379	0.35812	0.74499	•	100.00000
	ROYALTY INTEREST OWNER(S)	(%)	PHASE 1 (%)	PHASE 2 (%)	(%)	PHASE 2 (%)	RATIFIED?	
	J. MARKHAM	0.71947	0.03114	0.05084	0.01975	0.04131	X	5.75 576
	J. I. MARKHAM	0.06378						0.51024
	BYERS	0.17857					X	1.42856
	MOBERLY	0.22321						1.78568
	C. B. MARKHAM	0.06378					χ	0.51024
	B. J. MARKHAM	0.06378					X	0.51024
	D. L. HANNIFIN	0.07441					A	0.00000
	UNITED N.M. TRUST	0.56964					X	5.35712
	RATCLIFF .	0.03189					λ	0.00000
	TEXACO	1.60714					٧	
							X	12.85712
	FIRST CITY NATL BANK	0.44643					X	3.57144
	KOLLIKER	0.44644					X	3.57152
	R. H. HANNIFIN	0.07441					X	0.59528
	WYGOCKI	0.07441					X	0.59528
	PROCTOR	0.06378					X	0.51024
	ADKINS	0.07440					X	0.59520
	MCCORNICK	0.07440					\r	0.00000
	ELLIOT OIL	1.33928					X	10.71424
	SHRINERS	0.22322					X	1.78576
	CLEVELAND	0.44643					X	3.57144
	WELBORN	0.11161					X	0.89288
	D. A. COPPEDGE	0.02791						0.22328
	J. E. MOORE	0.05580						0.44640
	STORM	0.11161						0.89288
	S. WOLFSON	0.19949						1.59592
	J. T. COPPEDGE	0.02791						0.22328
	N. L. MARKHAM	0.03188						0.00000
	N. H. MOORE	0.05580						0.00000
	WILLIAMSON	0.50223					X	4.01784
	ANTWINE	0.50223						0.00000
	WHEELER	0.05580						0.00000
	RATCLIFF	0.06377					X	0.51018
	COHN	0.19531						1.56248
	LANDEN	0.05580						0.00000
	DOTSON	0.44643						0.00000
	CHRISTMANN	0.22878	0.00990	0.01617	0.00628	0.01314	X	1.83024

0.44643	0.01932	0.03155	0.01226	0.02563	X	3.57144
0.19531	0.00845	0.01380	0.00536	0.01121		0.00000
1.11607	0.04830	0.07886	0.03064	0.05408	X	8.92856
0.05580	0.00241	0.00394	0.00153	0.00320	X	0.44640
0.05581	0.00242	0.00394	0.00153	0.00320	X	0.44649
0.22322	0.00966	0.01577	0.00613	0.01282	X	1.78576
0.05580	0.00241	0.00394	0.00153	0.00320		0.00000
0.07440	0.00322	0.00526	0.00204	0.00427	X	0.59520
0.19950	0.00863	0.01410	0.00548	0.01145	X	1.59600
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
	0.19531 1.11607 0.05580 0.05581 0.22322 0.05580 0.07440 0.19950 0.44643	0.19531 0.00845 1.11607 0.04830 0.05580 0.00241 0.05581 0.00242 0.22322 0.00966 0.05580 0.00241 0.07440 0.00322 0.19950 0.00863 0.44643 0.01932	0.19531 0.00845 0.01380 1.11607 0.04830 0.07886 0.05580 0.00241 0.00394 0.05581 0.00242 0.00394 0.22322 0.00966 0.01577 0.05580 0.00241 0.00394 0.07440 0.00322 0.00526 0.19950 0.00863 0.01410 0.44643 0.01932 0.03155	0.19531 0.00845 0.01380 0.00536 1.11607 0.04830 0.07886 0.03064 0.05580 0.00241 0.00394 0.00153 0.05581 0.00242 0.00394 0.00153 0.22322 0.00966 0.01577 0.00613 0.05580 0.00241 0.00394 0.00153 0.07440 0.00322 0.00526 0.00204 0.19950 0.00863 0.01410 0.00548 0.44643 0.01932 0.03155 0.01226	0.19531 0.00845 0.01380 0.00536 0.01121 1.11607 0.04830 0.07886 0.03064 0.05408 0.05580 0.00241 0.00394 0.00153 0.00320 0.05581 0.00242 0.00394 0.00153 0.00320 0.22322 0.00966 0.01577 0.00613 0.01282 0.05580 0.00241 0.00394 0.00153 0.00320 0.07440 0.00322 0.00526 0.00204 0.00427 0.19950 0.00863 0.01410 0.00548 0.01145 0.44643 0.01932 0.03155 0.01226 0.02563	0.19531 0.00845 0.01380 0.00536 0.01121 1.11607 0.04830 0.07886 0.03064 0.05408 X 0.05580 0.00241 0.00394 0.00153 0.00320 X 0.05581 0.00242 0.00394 0.00153 0.00320 X 0.22322 0.00966 0.01577 0.00613 0.01282 X 0.05580 0.00241 0.00394 0.00153 0.00320 0.07440 0.00322 0.00526 0.00204 0.00427 X 0.19950 0.00863 0.01410 0.00548 0.01145 X 0.44643 0.01932 0.03155 0.01226 0.02563 X

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			UNIT	PARTICIPATIO	DNS			RATIFICATIONS % OF TRACT
TRACT Number	WORKING Interest Owner(s)	WORKING Interest (%)	(%)	PHASE 2 (%)	(%)	GAS PHASE 2 (%)	RATIFIED?	
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 (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. MODRE	0.05580					χ	0.44643
	E. WHEELER	0.05580					•	0.00000
	M. J. MCWHORTER	0.05580					χ	0.44643
	LANDEN	0.05580						0.00000
	M. H. MODRE	0.05580						0.00000
	ALLISON	0.05580	0.01629					0.00000
	D. A. COPPEDGE	0.02790	0.00814	0.00415	0.00430		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		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		0.01105	0.01147	0.01075		0.00000
	WYGOCKI	0.07441		0.01105	0.01147	0.01075	X	0.59524
	ADKINS	0.07441						0.59524
	FT WORTH NATL BANK	0.44643						0.00000
	CHRISTMANN	0.22879						1.83032
	ELLIOTT OIL	1.33929						10.71432
	UNITED N. M. TRUST	0.66965						5.35720
	JACJ MARKHAN	0.7194						5.75572
	H. MOBERLY	0.2232						1.7857
	SCHULER	0.4464						3.5714
	SHRINERS	0.2232						1.7856
	TEXACO	1.6071						12.8571
	WELBORN	0.1116	0.0325	B 0.01658	0.0172	1 0.01612	X	0.8928

S. WOLFSON Dotson	0.19949 0.44643	0.05823 0.13031	0.02964 0.06632	0.03076 0.06883	0.02882 0.06449	X	1.59592 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 NATE 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

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					DATICICATIONS			
TRACT NUMBER	WORKING Interest Owner(s)	WORKING Interest (%)	OIL PHASE 1	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
======					=========	=========		===========
27	BISON PETROLEUM	100.00000	0.26813	0.32735	0.11769	0.67670		0.00000
		100 0000	^ 7/047	A 7077E		A /7/7A		A AAAAA
		100.00000	0.26813	0.32735	0.11769	0.67670		0.00000
								RATIFICATIONS
	ROYALTY	ROYALTY	OIL	OIL	6AS	GAS		% OF TRACT
	INTEREST	INTEREST			PHASE 1	PHASE 2	RATIFIED?	2 0, 112
	OWNER(S)	(%)	(%)	(%)	(%)	(%)		
	251111001111111111111111111111111111111			========		==========	:========	*************
	ANTWINE	2.73437	0.05557	0.06847	0.02467	0.14261		0.00000
	B. BLACKMAR	0.78125			0.00705	0.04075	X	6.25000
	D. E. BLACKMAR	0.78125						0.00000
	R. A. BLACKMAR	0.78125					X	6.25000
	CHRISTMANN	0.11719					X	0.93752
	H. E. CONE	0.19531						0.00000
	JOHNSON ENT. LIM PARTNERSHIP	2.08333					X	16.66664
	TESTAMENTARY	1.04167					X	8.33336
	LOMBARD	0.78125					X	6.25000
	JACK MARKHAM	0.09766					X	0.78128
	MCBEE	0.19531					¥	0.00000
	WILLIAMSON D. T. HOLCON	2.73438					X	21.87504
	R. I. WOLFSON	0.08789 0.08789					X Y	0.70312
	S. WOLFSON	V.V8/87	0.001/7	0.00220	0.00079	0.00458		0.70312
		12.50000	0.25405	0.31299	0.11278	0.65194		68.75008

				- UNII	PARTICIPATI	CPI			RATIFICATION	
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	100.0000	
			100.00000	4.56184	6.20883	14.43398	12.40280	•	100.00000	
		ROYALTY Interest	ROYALTY Interest	PHASE 1	PHASE 2	PHASE 1	GAS PHASE 2	RATIFIED?	RATIFICATION % OF TRACT	
		OWNER(S)	(%) ====================================	(%) ========	(%)	(X)	(%)			
				. •						
	BARBY		0.07813						0.62504	
	N.M. BANK	10	0.07812 0.07813						0.0000	
	R. G. BARTON,	JR JR., TRUSTEE	0.62500						0.6250 5.0000	
	BROWN	un., INUDIEE	1.05469						8.4375	
	B. A. CHRISTM	AC 1D	0.97656						7.8124	
	BRADFORD ACE		0.07813						0.6250	
	C. CHRISTMAS	CHR131HN3	0.07812						0.6249	
	J. R. CONE		0.39193						0.0000	
	CONDEN		0.78125						6.2500	
	CROW		2.34375						18.7500	
	DANGLADE		0.39062						3.1249	
	DANIEL		0.05689						0.4551	
	6. DODD		0.03792						0.303	
	M. S. DODD		0.03792						0.303	
	FIRST NATL, S	. DODD TRUSTS	0.03792						0.303	
	FAIRWAY DIL		0.29297						0.000	
	HANAHO		0.29296						0.000	
	J. H. HERD		0.32552						2.604	
	HOLLADAY		0.07812	0.02701			0.07468	X	0.624	
	A. JONES		0.22754	0.07868	0.10806	0.25178	0.21751	X	1.820	
		. JONES TRUST	0.02844	0.00983				X	0.227	
	FIRST NATL, D	. JONES TRUST	0.02844	0.00983	0.01351	0.03147	0.02719		0.000	
	KASTMAN		0.39063	0.13507	0.18552	0.43224	0.37341	X	3.125	
	M. L. MAHON		0.45508	0.15736	0.21613	0.50356	0.43502	X	3.640	
	B. J. MARKHAM		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.446	
	C. B. MARKHAM	, JR.	0.05580	0.01929	0.02650	0.06174	0.05334	X	0.446	
	JACK MARKHAM		1.29280	0.44703	0.61398	1.43051	1.23581	X	10.342	
	JOHN MARKHAM		0.05580					X	0.446	
	PETERSON		0.19532					X	1.562	
	PROCTOR		0.05580						0.446	
	RATCLIFF		0.05581						0.446	
	SPEIGHT		0.39063						3.125	
	WELBORN		1.04166						8.333	
	WHITE		0.05580	0.01929	0.02650	0.06174	0.05334	X	0.446	
						·		_		

				UNII PARIICIPALIUNS					DATIFICATIONS	
TRACT NUMBER	=======================================	MORKING Interest Owner(s)	WORKING Interest (2)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT	
29	SHELL WESTERN	EAP 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 (%)	SAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT	
	INTERFIRST BA	NK DALLAS N. A., ESCRÓN -	12.50000			4.83555	5.13425	X	100.00000	
			12.50000	4.62490	4.32871	4.83555	5.13425		100.00000	

								RATIFICATIONS
TRACT	WORKING Interest	WORKING Interest		OIL PHASE 2	GAS PHASE 1	GAS PHASE 2	RATIFIED?	% OF TRACT
NUMBER	OWNER(S)	(%) 	(%) ************************************	(%)	(%)	(%)	s========	***********
30	ARCO OIL & GAS CO.	100.00000	3.70330	3.06139	5.34473	4.60925		0.00000
30	ANCO OIL & UNS CO.	100.0000	J./VJJV	J.VQ1J/	J.JT7/J	7.00723		0.0000
		100.00000	3.70330	3.06139	5.34473	4.60925		0.00000
	ROYALTY Interest Owner(S)	ROYALTY INTEREST (2)	OIL PHASE 1 (%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
	INTERFIRST BANK DALLAS N. A., ESCRO	12.50000 					X	100.00000

TRACT NUMBER	WORKING Interest Owner(s)	WORKING INTEREST (%)	(%)	OIL PHASE 2 (%)	GAS PHASE 1 (%)	GAS PHASE 2 (%)	RATIFIED?	RATIFICATIONS % OF TRACT
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 GWNER(S)	ROYALTY INTEREST (%)	(%)	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					X	1.29880
	H. DONAWAY	0.16235					X	1.29880
	M. DONAWAY	0.16235					X	1.29880
	S. DONOHUE	0.29762						0.00000
	DUFFIELD	1.78571					X	14.28568
	EVANS	0.29762					X	2.38096
	GRAVES	0.29762					X	2.38096
	GRAVES, TRUSTEE	0.29762					X	2.38096
	HALE	0.16233						0.00000
	HAZELWOOD	0.16233					X	1.29864
	IVIE	0.16233					X	1.29864
	MCCLESKEY	0.16234					X	1.29872
	MCKINLEY	1.78572						0.00000
	PERRINE	0.16233					X	1.29864
	REESE	0.16233					X	1.29864
	D. E. STEPHENS	1.78571					X	14.28568
	E. M. STEPHENS	0.74406					_	0.00000
	F. M. STEPHENS, JR	0.33482					X	2.67856
	6. C. STEPHENS	1.78571					X	14.28568
	W. C. STEPHENS	0.33482						0.00000
	W. O. STEPHENS	0.33482					u	0.00000
	TOUSSAINT	0.33482					-	2.67856
		12.50000	0.00687	0.47261	L 0.00746	0.56678		68.34408

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.

AFTEST:	Exxon Corporation
	y An Medelle &
Date 9/9/87	Add ESE PRATION, ASEX ADV. OF EXXON
•	M(4) and TV 70703-1700

lland, TX /9/02-1/00

Div. Acct.

CUUD8712001

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 Notary Public in and for Midland County, Texas

RATIFICATION NORTHEAST DRINKARD UNIT

۰	-	-	_	 MEXICO	

SS.

COUNTY OF LEA:

THEREAS, cortain instruments, entitled "Unit Agreement, Northeast Drinkard Unit, Lea County, New Mexico," and "Unit Departing Agreement, Northeast Drinkard Unit, Lea County, New Mexico," have been executed as of the 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

THEREAS, 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:		THE MORAN PARTNERSHIP			
Meler	yel. Hall	By Brenda aure Horan			
Date	5 - 26-87	Address P. O. Box 1919			
		Hobbs, NM 88241			
		#85-0301234			

CUUD8712001

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF WEW MEXICO: COUNTY OF:	SS.	INDIVIDUAL ACKNOWLEDGEMENT
person whose name is subsci	ribed to the foregoing instr	sonally appeared R_{NNN} A_{NNN} R_{NNN} , known to me to be the rument, and acknowledged to me that he (or she) executed the ed and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAF	L OF OFFICE this Ab day o	E <u>MA-!</u> , 1987.
My Commission Expires:	2-9-91	Notary Public in and for said County and State, Residing at Bravo Progy P.O. 1919, Notats,
******	**********	**************************************
STATE OF: COUNTY OF:	SS.	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:		
		ose names are subscribed to the foregoing instrument, and heir free act and deed for the purposes and consideration
GIVEN UNDER MY HAND AND SEA	L OF OFFICE this day o	
		Notary Public in and for said County and State,
My Commission Expires:	· · · · · · · · · · · · · · · · · · ·	
My Commission Expires:	*********	Notary Public in and for said County and State, Residing at
Ny Commission Expires:	· · · · · · · · · · · · · · · · · · ·	Notary Public in and for said County and State, Residing at
Ny Commission Expires: *******************************	SS. authority, on this day pers foregoing instrument as	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT onally appeared, known to me to be the
Ny Commission Expires: ***********************************	SS. authority, on this day pers foregoing instrument as ration, and acknowledged to	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT onally appeared, known to me to be the
Ny Commission Expires: ***********************************	SS. authority, on this day pers foregoing instrument as ration, and acknowledged to	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT onally appeared, known to me to be the of, a me that he (or she) executed the same for the purposes and of said corporation, and in the capacity therein stated.
Ny Commission Expires: ***********************************	SS. authority, on this day pers foregoing instrument as ration, and acknowledged to ressed; as the act and deed AL OF OFFICE this day o	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT onally appeared, known to me to be the of, a me that he (or she) executed the same for the purposes and of said corporation, and in the capacity therein stated.
Ny Commission Expires: ***********************************	SS. authority, on this day pers foregoing instrument as ration, and acknowledged to ressed; as the act and deed AL OF OFFICE this day o	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT onally appeared, known to me to be the of, a me that he (or she) executed the same for the purposes and of said corporation, and in the capacity therein stated.

RATIFICATION NORTHEAST DRINKARD UNIT

STATE O	e nelj	MEYTO	٦.

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

Address 2865 Macvicar

Topeka, KS 66611

SS# 459-56-2580

CUUD8712001

TO BE COMPLETED BY NOTARY PUBLIC

*			
STATE OF	KANSAS	.:	
COUNTY OF	SHAWNEE	SS. :	INDIVIDUAL ACKNOWLEDGEMENT
person who	se name is sub	scribed to the foregoing instrum	ally appeared Ann W. Morris , known to me to be the ent, and acknowledged to me that he (or she) executed the and in the capacity therein stated.
GIVEN UNDE	R MY HAND AND S	SEAL OF OFFICE this 10thday of	Sept. , 1987.
I Fall N	Gailya Traylo OTANY PUB State of Kansas	G-24-89 LIC 24-89	Notary Public in and for said County and State, Residing at 4710 W 3.3 Text
STATE OF _		.: ss. .:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
husband a	nd wife, known ged to me that	to me to be the persons whose	ly appeared and, names are subscribed to the foregoing instrument, and ir free act and deed for the purposes and consideration
GIVEN UNDE	ER MY HAND AND S	SEAL OF OFFICE this day of _	, 1987.
My Commiss	sion Expires:	<u></u>	
			Notary Public in and for said County and State, Residing at
******	******	************	*********************
STATE OF _		ss.	CORPORATE ACKNOWLEDGEMENT
BEFORE ME	, the undersign no executed t	ed authority, on this day persona he foregoing instrument as poration, and acknowledged to me	lly appeared, known to me to be the of, a that he (or she) executed the same for the purposes and of said corporation, and in the capacity therein stated.
GIVEN UNDE	ER MY HAND AND S	SEAL OF OFFICE this day of _	, 1987.
My Commiss	sion Expires:		
			Notary Public in and for said County and State, Residing at

RATIFICATION NORTHEAST DRINKARD UNIT

STATE	OF	NEW	MEXICO:	
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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:

0.

Midland, TX 79702

Box 552

APPROVED AS

TO BE COMPLETED BY NOTARY PUBLIC

, A	
STATE OF:	
COUNTY OF:	INDIVIDUAL ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day personal person whose name is subscribed to the foregoing instrume same for the purposes and consideration therein expressed a	nt, and acknowledged to me that he (or she) executed the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	, 1987.
Ny Commission Expires:	
	Notary Public in and for said County and State, Residing at
*******************	**************************************
STATE OF:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	SOTAL MARKOWALLOSSIEM (MOSBARD & WILL)
BEFORE ME, the undersigned authority, on this day personall husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as their therein expressed. GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	names are subscribed to the foregoing instrument, and r free act and deed for the purposes and consideration
·	Notary Public in and for said County and State, Residing at
***********	*************
STATE OF TEXAS:	CORPORATE ACKNOWLEDGEMENT
COUNTY OF MIDLAND:	
BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as One corporation, and acknowledged to me	ly appeared J.F. Strong, known to me to be the
consideration therein expressed; as the act and deed of	that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
•	that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
consideration therein expressed; as the act and deed of GIVEN UNDER MY HAND AND SEAL OF OFFICE this $2+$ day of $3+$ My Commission Expires: $6-13-89$	that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.

Address 501 West Lake Park Blvd.

P. O. Box 3092

Houston, TX 77253

RATIFICATION NORTHEAST DRINKARD UNIT

Operating Agreement, Northeast Drinkard Unit, Lea County, N	New Mexico," have been executed as of the day of
, 1987, by various persons for conducting Unit Ope Drinkard Field, located in Lea County, New Mexico, as more pa	erations with respect to the "unitized formation" of the articularly described in said agreements; and
WHEREAS, the Unit Agreement, by Exhibit "A", shows on a metherein; and by Exhibit "B-1" which in detail describes each	•
WHEREAS, the Unit Agreement and Unit Operating Agreement easigning the original of said instrument, a counterpart the provisions thereof; and	
WHEREAS, the undersigned is, or claims to be, a Royalty Own of the Tracts described in Exhibit "B-1" of the Unit Agreeme	- · · · · · · · · · · · · · · · · · · ·
NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undof the premises and the benefits anticipated to accrue under to become a party to, with respect to all of the undersi identified in Exhibit "B-1", and to be bound by the provisi Operating Agreement, if the undersigned is a Working Intereparties to said agreements are those persons signing the other instrument agreeing to be bound by the provision counterpart of the said Unit Agreement, and also the said Uniterest Owner.	r said agreements, does hereby ratify, confirm and agree gned's interests in all of the separately owned Tracts ons of, the said Unit Agreement, and also the said Unit st Owner, and the undersigned does hereby agree that the originals of said instruments, counterparts thereof, or s thereof, and does hereby acknowledge receipt of a
IN WITNESS WHEREOF, the undersigned has executed this undersigned's signature.	instrument on the date set forth below opposite the
ATTEST:	By Cheppus Approx

Date____

STATE OF NEW MEXICO:

COUNTY OF LEA:

SS.

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF:	
SS. COUNTY OF:	INDIVIDUAL ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day personal person whose name is subscribed to the foregoing instruments same for the purposes and consideration therein expressed a	nt, and acknowledged to me that he (or she) executed the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	
My Commission Expires:	Notary Public in and for said County and State, Residing at
**************************************	**************************************
STATE OF: SS. COUNTY OF :	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
BEFORE ME, the undersigned authority, on this day personall husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as their therein expressed. GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	names are subscribed to the foregoing instrument, and r free act and deed for the purposes and consideration
	Notary Public in and for said County and State, Residing at
****************	***********
STATE OF <u>Texas</u> : COUNTY OF <u>Harris</u> : SS.	CORPORATE ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as personal 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 20 day of A	
My Commission Expires: $2-y-90$	Notary Public in and for said County and State, Residing at Harn's County Texas

RATIFICATION NORTHEAST DRINKARD UNIT

STATE OF 1	NEW ME	XICO:	SS.												
COUNTY	OF	LEA:	55.												
WHEREAS, Operating Drinkard I	Agree _, 198	ment, i	Northeast various pe	Drinkard ersons fo	Unit, Lor conduct	es County ing Unit	, New Mex Operation	cico," ns with	have n respo	been e	xecuted the "u	d as o	of the	ation"	day of
WHEREAS, therein; a		_	-	-	•		-		-				Area an	id the	Tracts
WHEREAS, taigning to	he or:	ginal	of said	-	_	-	-			•	-		•	•	•
WHEREAS, of the Tra		_	-					a Work	ing In	nterest	Owner	, or t	both, i	n one o	r more
NOW, THERM of the pro- to become identified Operating parties to other insecounterpart Interest (emises a pa d in E Agree co said strument	and the rty to exhibit ment, the agree of th	he benefi, with rembed; "B-1", and if the understance are seeing to	ts anticiespect to not to be dersigned to be bour	pated to all of bound by is a Wor persons si	accrue un the under the proving rking Inte igning the e provisi	nder said rsigned's isions of erest Owne e origina ions ther	intered, the er, and ls of eof,	ments, ests i said l d the r said and do	does in all Unit Agunders: instru oes he	ereby of the creemen igned d ments, reby a	ratify sepa t, and oes he count cknow	y, confi rately d also ereby a cerparts ledge	irm and owned the sai gree the theres	agree Tracts d Unit at the of, or of a
IN WITNES				rsigned	has exec	uted thi	s instru							opposit	
ATTE	ST:				·			Ву		Sun	6	3.5	The state of the s	X	EK
Date	Αι	igust	13, 198	7				δĀ		P. O.				ney-in-	-Fact ·
										Tulsa,	OK 741	L 02			-
	STA	TE OF	OKLAHO	1 A)										
	∞	NIY O	f Washii	NGTON	j										

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

My Commission Expires:

.A. 15 1989

OIL AND GAS CORPORATION, a Delaware corporation.

Address P. O. Box 1550 //50

Midland, TX 79702

RATIFICATION NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:	
SS. COUNTY OF LEA:	
WHEREAS, certain instruments, entitled "Unit Agreement, Norther Operating Agreement, Northeast Drinkard Unit, Lea County, New , 1987, by various persons for conducting Unit Opera Drinkard Field, located in Lea County, New Mexico, as more part	Mexico," have been executed as of the day of tions with respect to the "unitized formation" of the
WHEREAS, the Unit Agreement, by Exhibit "A", shows on a map therein; and by Exhibit "B-1" which in detail describes each Tr	·
WHEREAS, the Unit Agreement and Unit Operating Agreement each signing the original of said instrument, a counterpart there provisions thereof; and	
WHEREAS, the undersigned is, or claims to be, a Royalty Owner of the Tracts described in Exhibit "B-1" of the Unit Agreement:	
NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS that the undersof the premises and the benefits anticipated to accrue under sto become a party to, with respect to all of the undersigned identified in Exhibit "B-1", and to be bound by the provisions Operating Agreement, if the undersigned is a Working Interest parties to said agreements are those persons signing the original other instrument agreeing to be bound by the provisions counterpart of the said Unit Agreement, and also the said Unit Interest Owner.	aid agreements, does hereby ratify, confirm and agree ed's interests in all of the separately owned Tracts of, the said Unit Agreement, and also the said Unit Owner, and the undersigned does hereby agree that the ginals of said instruments, counterparts thereof, or thereof, and does hereby acknowledge receipt of a
IN WITNESS WHEREOF, the undersigned has executed this insundersigned's signature.	trument on the date set forth below opposite the
ATTEST:	By Marie
· · · · · · · · · · · · · · · · · · ·	ASSISTANT SECRETARY

Date___

TO BE COMPLETED BY NOTARY PUBLIC

STATE OF:	
SS.	INDIVIDUAL ACKNOWLEDGEMENT
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personal person whose name is subscribed to the foregoing instruments same for the purposes and consideration therein expressed as	nt, and acknowledged to me that he (or she) executed the
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:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	COLIT HOUSENDERDIT (HOUSEN & HILL)
BEFORE ME, the undersigned authority, on this day personall husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as their therein expressed. GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	names are subscribed to the foregoing instrument, and r free act and deed for the purposes and consideration
	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 personal person who executed the foregoing instrument as ASS Pennsylvania corporation, and acknowledged to me consideration therein expressed; as the act and deed of GIVEN UNDER MY HAND AND SEAL OF OFFICE this 10 day of 10 day	that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
My Commission Expires: 11-30-88	Belly Gulledge
BETTY GULLEDGE-Notary Public	
In and for the State of Texas	Notary Public in and for said County and State, Residing at Midland, Texas

RATIFICATION NORTHEAST DRINKARD UNIT

CTATT?	ΛF	MEGL	MEYT	m.

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

Ву _

Address

P. O. Box 460

Hobbs, NM 88240

SPARE OF:	
SS.	INDIVIDUAL ACKNOWLEDGEMENT
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day persona	ally appeared, known to me to be the
person whose name is subscribed to the foregoing instrume	
same for the purposes and consideration therein expressed a	
	me in the deposit, encount observe.
CIVEN INVIED MY HAND AND COAL OF DESICE +bic down of	1007
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	, 1707.
Mr. Constant of Booking	
My Commission Expires:	
	Notary Public in and for said County and State,
	Residing at
·	
*******************	********************************
STATE OF:	
SS.	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
	SOURT REGROWLEDGETERT (RUSDRAD & WIFE)
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personal	
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 thei	r free act and deed for the purposes and consideration
therein expressed.	
mereri expresses.	
•	. 1987.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	, 1987.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	, 1987.
•	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	Notary Public in and for said County and State,
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	Notary Public in and for said County and State,
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of _	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ******************************	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ******************************	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: STATE OF: SS. COUNTY OF: COUNTY OF:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT
My Commission Expires: day of *****************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: STATE OF: SS. COUNTY OF: COUNTY OF:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the
My Commission Expires: STATE OF	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the terred in Fact of Concec , a
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Irelan, known to me to be the topy of Consecution of Consecution and that he (or she) executed the same for the purposes and
My Commission Expires: STATE OF	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Irelan, known to me to be the topy of Consecution of Consecution and that he (or she) executed the same for the purposes and
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the topical in Fact of Consecution, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the topical in Fact of Consecution, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: STATE OF	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the topical in Fact of Consecution, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the termy in Fact of Consec , a that he (or she) executed the same for the purposes and a said corporation, and in the capacity therein stated. Light, 1987. Balling Manney Hallmer
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: STATE OF	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the topical in Fact of Consecution, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: STATE OF	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the Harmy in Fact of Consec , a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated. Light, 1987. Barma Halmer Notary Public in and for said County and State,
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: STATE OF	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Lly appeared R.E. Icelan, known to me to be the termy in Fact of Consec , a that he (or she) executed the same for the purposes and a said corporation, and in the capacity therein stated. Light, 1987. Balling Manney Hallmer

STATE	OΡ	METJ	MEVT	co.
TAIL	UF	Nr.w	LIC VI	w:

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.

DUER WAGNER, III

By ___

Address

1420 Continental Plaza

777 Main

Fort Worth, TX 76012

STATE OF TEXAS:	
COUNTY OF TARRANT :	INDIVIDUAL ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day personal person whose name is subscribed to the foregoing instruments same for the purposes and consideration therein expressed a	nt, and acknowledged to me that he (or she) executed the nd in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this $\frac{24}{12}$ day of My Commission Expires: $\frac{3}{12}$	Notary Public 11 and for said County and State,
	Glenda King
**************************************	**************************************
STATE OF:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personall husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as their therein expressed.	names are subscribed to the foregoing instrument, and
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	, 1987.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State,
My Commission Expires:	
My Commission Expires:	Notary Public in and for said County and State, Residing at ************************************
My Commission Expires:	Notary Public in and for said County and State, Residing at
My Commission Expires: ***********************************	Notary Public in and for said County and State, Residing at ************ ********* ********* ****
My Commission Expires: ***********************************	Notary Public in and for said County and State, Residing at ******** CORPORATE ACKNOWLEDGEMENT ly appeared, known to me to be the of, a that he (or she) executed the same for the purposes and
My Commission Expires: ***********************************	Notary Public in and for said County and State, Residing at ******* ****** ****** ****** *****
My Commission Expires: ***********************************	Notary Public in and for said County and State, Residing at ********** CORPORATE ACKNOWLEDGEMENT ly appeared, known to me to be the of, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated, 1987.
**************************************	Notary Public in and for said County and State, Residing at ******* ****** ****** ****** *****

CUUD8712001/R

ĊТ	A ግጥ	OF	NEG	MEXTCO:
эт.	MTE.	UF	NEW	PIEATUU:

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.

Perfalle

DUER WAGNER, JR.

DUER WAGNER III, AGENT AND ATTO IN-FACT FOR DUER WAGNER, JE

Address 1420 Continental Plaza

777 Main

Fort Worth, TX 76012

STATE OF TEXAS:	
SS.	INDIVIDUAL ACKNOWLEDGEMENT
COUNTY OF TARRANT: BEFORE ME, the undersigned authority, on this day persona person whose name is subscribed to the foregoing instrument.	e Washer II, Atlany in fact of Our Wagner, Ir.
BEFORE ME, the undersigned authority, on this day persona	lly appeared known to me to be the
person whose name is subscribed to the foregoing instrument	nt and asknowledged to be that he (or she) executed the
i a a a a a a a a a a a a a a a a a a a	my and define tedged to me that he (of one) executed the
same for the purposes and consideration therein expressed a	nd in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 24 day of	Tuly, 2987.
My Commission Expires: 3 12 8	/ Itanda Kin
the committee of the co	Note that the state of the stat
	Notary Public Island for said County and State
·	Residing at MUMIT WHEN THE
	Glenda King
* ************ ***********************	
STATE OF:	
	TOTAM ANNOUN PROPERTY (MICHAEL C. LITTER)
SS.	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personall	y appeared and .
husband and wife, known to me to be the persons whose	·
acknowledged to me that they executed the same as their	r 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
**************	*************
AMAME OF	
STATE OF:	
SS.	CORPORATE ACKNOWLEDGEMENT
	CORPORATE ACKNOWLEDGEMENT
SS.	CORPORATE ACKNOWLEDGEMENT
COUNTY OF:	
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal	ly appeared, known to me to be the
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as	ly appeared, known to me to be the
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as	ly appeared, known to me to be the
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me	ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as	ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me consideration therein expressed; as the act and deed of	.ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me	.ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me consideration therein expressed; as the act and deed of GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	.ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me consideration therein expressed; as the act and deed of	.ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me consideration therein expressed; as the act and deed of GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	.ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated.
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me consideration therein expressed; as the act and deed of GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated, 1987.
SS. COUNTY OF: BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as corporation, and acknowledged to me consideration therein expressed; as the act and deed of GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	ly appeared, known to me to be the, a that he (or she) executed the same for the purposes and said corporation, and in the capacity therein stated, 1987.

Unit Tract No. 21

RATIFICATION NORTHEAST DRINKARD UNIT

STATE OF NEW MEXTCO:

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 Unity, 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:

Assistant Secretary

Date 7/17/87

FELMONT OIL CORPORATION

Joe D. Miller, Manager, Western Area

Address P. O. Box 2266

Midland, TX 79702

TAX ID #13-1759179

STATE OF:	
COUNTY OF:	INDIVIDUAL ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day personal person whose name is subscribed to the foregoing instrume same for the purposes and consideration therein expressed as	nt, and acknowledged to me that he (or she) executed the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	, 1987.
My Commission Expires:	
	Notary Public in and for said County and State, kesiding at
*********************	******
STATE OF:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personal husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as thei therein expressed. GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	names are subscribed to the foregoing instrument, and r free act and deed for the purposes and consideration
My Commission Expires:	Notary Public in and for said County and State, Residing at
*************	**************************************
STATE OF: SS. COUNTY OF MIDLAND:	CORPORATE ACKNOWLEDGEMENT
person who executed the foregoing instrument as Mqn Delaware corporation, and acknowledged to me consideration therein expressed; as the act and deed o	r., Western Area of Felmont Oil Corporation , a that he (or she) executed the same for the purposes and
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 17th day of	
· · · · · · · · · · · · · · · · · · ·	Notary Public in and for said County and State, Residing atMidland, Texas

TATE	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:		OWEN W. MGWHORTER, JR
	. *	By WW World
Date	,	Address 3019 21st
	: :	Lubbock, TX 79410

Unit Tract No. 21

RATIFICATION NORTHEAST DRINKARD UNIT

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

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:

Assistant Secretary

Date 7/17/87

FELMONT OIL CORPORATION

Joe D. Miller, Manager, Western Area

Address P. O. Box 2266

Midland, TX 79702

TAX ID #13-1759179

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

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.

Date June 15, 1987

MARJORIE CONE KASTMAN

By Nowyer Com Katman

Address P. O. Box 5930

Lubbock, TX 79417- 7940%

بر	
STATE OF TEXAS :	
SS.	INDIVIDUAL ACKNOWLEDGEMENT
COUNTY OF LUBBOCK :	THE TYLE ON THE POLICE OF THE PARTY OF THE P
	Kastman
BEFORE ME, the undersigned authority, on this day persona	
person whose name is subscribed to the foregoing instrumen	
same for the purposes and consideration therein expressed a	
	and the superity therein beateur
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 15th day of	June . 1987.
My Commission Expires: 3/7/9/	Throng of Just Wanda 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 personall	y appeared and .
husband and wife, known to me to be the persons whose	
acknowledged to me that they executed the same as their	
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 personal	lly appeared . known to me to be the
person who executed the foregoing instrument as	
•	that he (or she) executed the same for the purposes and
consideration therein expressed; as the act and deed or	- ·
Constant of the contract of th	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	. 1987.
day or	
My Commission Expires:	
	Notary Public in and for said County and State,
	Residing at

STATE	OF	NFU	MEXICO:		

LEA:

SS.

COUNTY

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 Charles LOFF
Date	Address 1722 Broadway St.
	Lubbock, TX 79401-3014
	443-09-392/

СПЛ08712001

STATE OF TEXAS:	
COUNTY OF LUBBOCK :	INDIVIDUAL ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day person person whose name is subscribed to the foregoing instrume same for the purposes and consideration therein expressed a	ent, and acknowledged to me that he (or she) executed the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 26 day of	May , 1987.
My Commission Expires: 3-12-88	Notary Public in and for said County and State,
•	Residing at 352159th Street
**************************************	Subbock Courty Dehan
STATE OF:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personal husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as their	names are subscribed to the foregoing instrument, and
therein expressed.	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	, 1987.
•	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at ***********************************
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ******************************	Notary Public in and for said County and State, Residing at *********** ********** **********
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ******************************	Notary Public in and for said County and State, Residing at ********* ******** ******** ******
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *****************************	Notary Public in and for said County and State, Residing at ********************* CORPORATE ACKNOWLEDGEMENT 1ly appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *****************************	Notary Public in and for said County and State, Residing at ************** CORPORATE ACKNOWLEDGEMENT 1ly appeared
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ****************************	Notary Public in and for said County and State, Residing at ***************** CORPORATE ACKNOWLEDGEMENT 1ly appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.

CUUD8712001/R

STATE OF NEW MEXICO:

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 , 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:	KATHERINE ADELINE CONE KECK
Vanis le de Winter	By Katherine Addingtone Vecle
Date Thory 26 1987	Address 1801 Avenue of the Stars
	Los Angeles, CA 90067

CUUD8712001

STATE OFCAL	IFORNIA:		
COUNTY OF LOS	ANGELES	SS.	INDIVIDUAL ACKNOWLEDGEMENT
person whose name	e is subscr	ibed to the fore	is day personally appeared KATHERINE CONE KECK known to me to be the going instrument, and acknowledged to me that he (or she) executed the ein expressed and in the capacity therein stated.
GIVEN UNDER MY HA	AND AND SEAL	OF OFFICE this 2	26th day ofMAY , 1987.
NOTA	ORIS A DE WARY PUBLIC - CA	LIFORNIA (Notary Public in and for said County and State, Residing at 14155 Magnolia Boulevard #307 Sherman Oaks, CA 91423
STATE OF		SS.	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
husband and wife acknowledged to therein expressed	e, known to me that th	me to be the ey executed the	s day personally appeared and, persons whose names are subscribed to the foregoing instrument, and same as their free act and deed for the purposes and consideration day of, 1987.
My Commission Exp	pires:		Notary Public in and for said County and State, Residing at
*****	* *****	******	***********
STATE OF	: :	ss.	CORPORATE ACKNOWLEDGEMENT
	cuted the	foregoing instr	is day personally appeared, known to me to be the rument as, a wledged to me that he (or she) executed the same for the purposes and
consideration th		•	et and deed of said corporation, and in the capacity therein stated.
GIVEN UNDER MY H	AND AND SEAL	OF OFFICE this	day of, 1987.
My Commission Exp	pires:		Notary Public in and for said County and State, Residing at

· CUUD8712001/R

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 1944 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:	BARBARA MORAN JERNIGAN
January Macolita	By talcora Mara tura
Date 6/4/67	Address P. O. Box 368
	Hobbs, NM 88240

CUUD8712001

STATE OF Jaw Masker.	
COUNTY OF SS.	INDIVIDUAL ACKNOWLEDGEMENT
BEFORE ME, the undersigned authority, on this day personal person whose name is subscribed to the foregoing instrume same for the purposes and consideration therein expressed as	nt, and acknowledged to me that he (or she) executed the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this ### day of	June, 1987.
My Commission Expires: 6-4-89	Notary Public in and for said County and State, Residing at
**************************************	· ·***********************************
STATE OF:	JOINT ACKNOWLEDGEMENT (HUSBAND & WIFE)
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day personal husband and wife, known to me to be the persons whose acknowledged to me that they executed the same as their therein expressed.	names are subscribed to the foregoing instrument, and
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:	CORPORATE ACKNOWLEDGEMENT
COUNTY OF:	•
BEFORE ME, the undersigned authority, on this day personal person who executed the foregoing instrument as	, of, a
consideration therein expressed; as the act and deed e	that he (or she) executed the same for the purposes and f 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

STATE OF NEW MEXICO:

SS.

COUNTY OF LEA:

ATTEST:

Da

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 lst 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.

TES	T:	IRMA_SPEAR	
		By	
te_		Address P. O. Box 206	
		Perkinston, MS 39573	
	STATE OF MISSISSIPPI }		
	COUNTY OF STONE }		
	The foregoing instrument was acknowledged of JUN 27 198 19 , by Witness my hand and official seal.	edged before me this	
	Notary P	the Hickman	
	My Commission expires		

STATE OF:	
SS.	INDIVIDUAL ACKNOWLEDGEMENT
COUNTY OF:	
BEFORE ME, the undersigned authority, on this day persona	illy appeared . known to me to be the
person whose name is subscribed to the foregoing instrume	
same for the purposes and consideration therein expressed a	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	, 1987.
My Commission Expires:	•
., 00	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 personal	
husband and wife, known to me to be the persons whose	· · · · · · · · · · · · · · · · · · ·
acknowledged to me that they executed the same as thei	i free act and deed for the purposes and consideration
therein expressed.	
·	1027
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	, 1987.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	, 1987.
·	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State,
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires:	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT 11y appeared, known to me to be the
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT 11y appeared, known to me to be the Of, a
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ******************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Ily appeared, known to me to be the of, a that he (or she) executed the same for the purposes and
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: *******************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Ily appeared, known to me to be the of, a that he (or she) executed the same for the purposes and
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Ily appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of My Commission Expires: ******************************	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Ily appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
My Commission Expires:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT Ily appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated.
GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT 11y appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated, 1987.
My Commission Expires:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT 11y appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated, 1987. Notary Public in and for said County and State,
My Commission Expires:	Notary Public in and for said County and State, Residing at CORPORATE ACKNOWLEDGEMENT 11y appeared, known to me to be the of, a that he (or she) executed the same for the purposes and f said corporation, and in the capacity therein stated, 1987.

CUUD8712001/R