

VI. Data Tables
Area of Review

PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B
WELL INFORMATION
1/2 MILE RADIUS OF REVIEW

PROPOSED WELL NO.	WIC	LEASE NAME	WELL NO.	UNIT/SEC.	17/R	TRACT NO.	OPERATOR	FIELD/POOL	MMOCD CLASS	ADDITIONAL WELL INFORMATION
		STATE 'J'	2	J-2-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		STATE 'J'	3	K-2-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		STATE 'J'	4	K-2-205-36E			AMERADA HESS	EUMONT Y,7R'S,Q(GAS)	EG	
		STATE 'A'	1	L-2-205-36E			DURHAM, INC.	EUNICE MONUMENT G/5A	EMO	
		STATE 'S'	2	M-2-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		STATE 'S'	1	N-2-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		STATE 'J'	1	O-2-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		GRAHAM STATE NCT-B	1	P-2-205-36E			CHEVRON USA	EUNICE MONUMENT G/5A	EMO	
		REED 'A-3'	3	I-3-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(GAS)	EG	
		REED SANDERSON UNIT	12	O-3-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI	
		REED 'A-3'	4	P-3-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO	
EMSU 853	*	SANDERSON 'B-1'	1	A-10-205-36E		106	CONOCO, INC.	EUNICE MONUMENT G/5A	SI	LAST PROD. 4/84
		REED SANDERSON UNIT	19	B-10-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO	
		REED SANDERSON UNIT	18	C-10-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO	WATER INJECTOR
		REED SANDERSON UNIT	21	F-10-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	P&A	01/90
		ETCHEVERRY	1	G-10-205-36E			TWO STATES OIL	EUMONT Y,7R'S,Q(OIL)	EO	
EMSU 854		SANDERSON 'B-1'	2	H-10-205-36E		106	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO	
EMSU 862	*	SANDERSON 'B-1'	3	I-10-205-36E		106	CONOCO, INC.	EUNICE MONUMENT G/5A	SI	LAST PROD. 9/87
		ETCHEVERRY	2	J-10-205-36E			TWO STATES OIL	EUMONT Y,7R'S,Q(OIL)	EO	
		REED SANDERSON UNIT	24	K-10-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	P&A	12/89
		SANDERSON 'B-1' FEOL	9	O-10-205-36E			CONOCO, INC.	NONE (D&A)	D&A	11/71
EMSU 863		SANDERSON 'B-1'	4	P-10-205-36E		106	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO	
		H. W. ANDREWS	2	A-11-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
EMSU 850		MARY J. BYRD	1	B-11-205-36E		112	ARCO OIL & GAS	EUNICE MONUMENT G/5A	EMO	
EMSU 851	*	WILLIAM P. BYRD	1	C-11-205-36E		111	ARCO OIL & GAS	EUNICE MONUMENT G/5A	EMO	
		BYRD GAS COM	7	C-11-205-36E			ARCO OIL & GAS	EUMONT Y,7R'S,Q(GAS)	EG	
EMSU 852		WILLIAM P. BYRD	2	D-11-205-36E		111	ARCO OIL & GAS	EUNICE MONUMENT G/5A	T/A	5/89
EMSU 855	*	BYRD GAS COM	5	E-11-205-36E		111	ARCO OIL & GAS	EUMONT Y,7R'S,Q(GAS)	EG	
EMSU 856		WILLIAM P. BYRD	4	F-11-205-36E		111	ARCO OIL & GAS	EUNICE MONUMENT G/5A	EMO	
EMSU 857	*	MARY J. BYRD	3	G-11-205-36E		112	ARCO OIL & GAS	EUNICE MONUMENT G/5A	EMO	
		MARY J. BYRD	2	G-11-205-36E			ARCO OIL & GAS	EUNICE MONUMENT G/5A	P&A	9/74
		H. W. ANDREWS	3	H-11-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	T/A	3/89
EMSU 858	*	SANDERSON 'A'	1	I-11-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/5A	EMO	
EMSU 859		SANDERSON 'A'	2	J-11-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/5A	EMO	
EMSU 860	*	WILLIAM P. BYRD	3	K-11-205-36E		103	ARCO OIL & GAS	EUNICE MONUMENT G/5A	EMO	
EMSU 861		WILLIAM P. BYRD	6	L-11-205-36E		111	ARCO OIL & GAS	EUNICE MONUMENT G/5A	EMO	
EMSU 864	*	SANDERSON 'A'	6	M-11-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/5A	EMO	
EMSU 865		SANDERSON 'A'	5	N-11-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/5A	EMO	
EMSU 866	*	SANDERSON 'A'	4	O-11-205-36E		103	CONOCO, INC.	EUN. MON G/5A, EUMONT	EMO/EG	DUAL
EMSU 867		SANDERSON 'A'	3	P-11-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/5A	SI	LAST PROD. 4/88
		SANDERSON 'A'	16	P-11-205-36E			CONOCO, INC.	EUNICE MONUMENT G/5A	EMO	
		H. W. ANDREWS	1	D-12-205-36E			AMERADA HESS	EUMONT Y,7R'S,Q(GAS)	EG	
		H. W. ANDREWS	8	D-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		H. W. ANDREWS	5	E-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		W. P. BYRD GAS COM	1	F-12-205-36E			AMERADA HESS	EUMONT Y,7R'S,Q(GAS)	EG	
		W. P. BYRD 'A'	1	K-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		H. W. ANDREWS	4	L-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		H. W. ANDREWS	6	M-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	T/A	3/77
		H. W. ANDREWS	14	M-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		W. P. BYRD 'A'	2	N-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	
		W. P. BYRD 'A'	6	O-12-205-36E			AMERADA HESS	EUNICE MONUMENT G/5A	EMO	

WELL INFORMATION
1/2 MILE RADIUS OF REVIEW

PROPOSED	WELL NO.	WIC	LEASE NAME	WELLNO	UNIT/SEC.	T/R	TRACT NO.	OPERATOR	FIELD/POOL	NMOC	CLASS	ADDITIONAL
												WELL INFORMATION
			STATE 'Z'	1	A-13-205-36E			AMERADA HESS	EUNICE MONUMENT G/SA	EMO		
			ORCUTT 'D'	1	B-13-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA	SI		LAST PROD. 5/88
EMSU 868	*		STATE 'E'	1	C-13-205-36E		107	SHELL WESTERN	EUNICE MONUMENT G/SA	EMO		
			SHELL STATE	11	C-13-205-36E			MERIDIAN OIL CO	EUMONT Y,7R'S,Q(GAS)	EG		
EMSU 869			STATE 'E'	2	D-13-205-36E		107	SHELL WESTERN	EUNICE MONUMENT G/SA	T/A		3/85
			STATE 'E'	2Y	D-13-205-36E			SHELL WESTERN	EUNICE MONUMENT G/SA	T/A		2/86
EMSU 879	*		STATE 'E'	4	E-13-205-36E		107	SHELL WESTERN	EUNICE MONUMENT G/SA	EMO		
EMSU 880			STATE 'E'	3	F-13-205-36E		107	SHELL WESTERN	EUNICE MONUMENT G/SA	T/A		2/85
			H. T. ORCUTT NCT-D	2	G-13-205-36E			CHEVRON USA	EUN. MON./EUM. GAS	SI		LAST PROD. 8/83
			STATE 'Z'	2	H-13-205-36E			AMERADA HESS	EUNICE MONUMENT G/SA	EMO		
			STATE 'A'	5	I-13-205-36E			MOBIL TEX & NM	EUNICE MONUMENT G/SA	EMO		
			STATE 'M'	2	J-13-205-36E			AMERADA HESS	EUNICE MONUMENT G/SA	SI		LAST PROD. 2/78
EMSU 881	*		STATE 'K'	1	K-13-205-36E		109	TEXACO, INC.	EUMONT Y,7R'S,Q(GAS)	EG		
EMSU 882			GRAHAM STATE NCT-H	1	L-13-205-36E		108	CHEVRON USA	EUNICE MONUMENT G/SA	EMO		
EMSU 891	*		GRAHAM STATE NCT-H	2	M-13-205-36E		108	CHEVRON USA	EUNICE MONUMENT G/SA	P&A		2/66
EMSU 892	*		STATE 'K'	2	N-13-205-36E		109	TEXACO, INC.	EUNICE MONUMENT G/SA	P&A		12/66
EMSU 893	*		R. R. BELL NCT-G	2	O-13-205-36E		110	CHEVRON USA	EUNICE MONUMENT G/SA	EMO		
EMSU 894	*		R. R. BELL NCT-G	1	P-13-205-36E		110	CHEVRON USA	EUMONT Y,7R'S,Q(GAS)	EG		
EMSU 870	*		SANDERSON 'A'	7	A-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	SI		LAST PROD. 12/83
			SANDERSON 'A14'	10	A-14-205-36E			CONOCO, INC.	UNDESIGNATED	D&A		12/61
EMSU 871			SANDERSON 'A'	8	B-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	D&A		
EMSU 872	*		SANDERSON 'A'	11	C-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	EMO		
EMSU 873			SANDERSON 'AB14"	1	D-14-205-36E		106	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO		
			SANDERSON 'AB14'	2	D-14-205-36E			CONOCO, INC.	UNDESIGNATED	DRY HOLE		12/61
EMSU 875	*		SANDERSON 'B14'	4	E-14-205-36E		106	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 876			SANDERSON 'A'	15	F-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	SI		LAST PROD. 9/87
EMSU 877	*		SANDERSON 'A'	13	G-14-205-36E		103	CONOCO, INC.	EUM. MON./EUMONT GAS	EMO/EG		DUAL
EMSU 878			SANDERSON 'A'	9	H-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	SI		LAST PROD. 11/87
EMSU 883	*		SANDERSON 'A'	10	I-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	EMO		
EMSU 884			SANDERSON 'A'	14	J-14-205-36E		103	CONOCO, INC.	EUNICE MONUMENT G/SA	EMO		
EMSU 885	*		SANDERSON 'B14'	2	K-14-205-36E		106	CONOCO, INC.	EUNICE MONUMENT G/SA	SI		LAST PROD. 5/86
EMSU 886			SANDERSON 'B14'	5	L-14-205-36E		106	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 9/83
EMSU 888			SANDERSON 'B14'	3	M-14-205-36E		106	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 889	*		SANDERSON 'B14'	1	O-14-205-36E		106	CONOCO, INC.	EUNICE MONUMENT G/SA	EMO		
EMSU 890			SANDERSON 'A'	12	P-14-205-36E		103	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 874	*		SANDERSON 'B-1'	8	A-15-205-36E		106	CONOCO, INC.	EUNICE MONUMENT G/SA	SI		LAST PROD. 10/74
			H. S. RECORD	2	G-15-205-36E			PENROC OIL	EUMONT Y,7R'S,Q(OIL)	EO		
			H. S. RECORD	1	H-15-205-36E			PENROC OIL	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 5/86
			REED 'B22'	2	A-22-205-36E			CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	P&A		7/66
EMSU 899	*		REED 'B'	1	A-23-205-36E		104	CONOCO, INC.	EUNICE MONUMENT G/SA	EMO		
EMSU 900			REED 'B'	4	B-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 901	*		H. W. ANDREWS	7	C-23-205-36E		102	AMERADA HESS	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 902			H. W. ANDREWS	12	D-23-205-36E		102	AMERADA HESS	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 903	*		H. W. ANDREWS	10	E-23-205-36E		102	AMERADA HESS	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 904			H. W. ANDREWS	11	F-23-205-36E		102	AMERADA HESS	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 905	*		REED 'B'	8	G-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 3/88
EMSU 906			REED 'B'	2	H-23-205-36E		104	CONOCO, INC.	EUM. MON./EUMONT GAS	EMO/EG		DRY COMMINGLED
EMSU 914	*		REED 'B'	5	I-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	T/A		3/89
EMSU 915			REED 'B'	7	J-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 2/83
EMSU 916	*		H. W. ANDREWS	9	K-23-205-36E		102	AMERADA HESS	EUMONT Y,7R'S,Q(OIL)	EO		
EMSU 917			H. W. ANDREWS	13	L-23-205-36E		102	AMERADA HESS	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 10/87
EMSU 918	*		REED 'B'	9	M-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 6/73
EMSU 919			REED 'B'	10	N-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 2/83
EMSU 920	*		REED 'B'	6	O-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	SI		LAST PROD. 11/85
EMSU 921			REED 'B'	3	P-23-205-36E		104	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL)	EO		

PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B
WELL INFORMATION
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PROPOSED WELL NO.	WIC	LEASE NAME	WELL NO.	UNIT/SEC.	1/2 R	TRACT NO.	OPERATOR	FIELD/POOL	NHOC CLASS	ADDITIONAL WELL INFORMATION
EMSU 895	*	GILLULLY 'A' FEDL.	2	A-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	EMO	
		GILLULLY FED GAS COM	4	B-24-205-36E			AMOCO PROD. CO.	EUMONT Y,7R'S,Q(GAS):	EG	
EMSU 896		GILLULLY 'A' FEDL.	16	B-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 5/84
EMSU 897	*	GILLULLY 'A' FEDL.	9	C-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 6/73
EMSU 898		GILLULLY 'A' FEDL.	12	D-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 3/89
EMSU 907	*	GILLULLY 'A' FEDL.	14	E-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	EMO	
		GILLULLY FED GAS COM	15	E-24-205-36E			AMOCO PROD. CO.	EUMONT Y,7R'S,Q(GAS):	EG	
EMSU 908		GILLULLY 'A' FEDL.	13	F-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 6/80
EMSU 909	*	GILLULLY 'A' FEDL.	11	G-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 12/89
EMSU 910		GILLULLY 'A' FEDL.	10	H-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 7/89
		GILLULLY 'A' FEDL.	17	H-24-205-36E			AMOCO PROD. CO.	EUMONT Y,7R'S,Q(GAS):	EG	
		EUNICE MONUMENT UNIT	20	I-24-205-36E			GREENHILL PET.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 6/73
EMSU 911		GILLULLY 'A' FEDL.	8	J-24-205-36E		105	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:	EMO	
EMSU 912	*	REED 'B'	12	K-24-205-36E		104	CONOCO, INC.	EUN. MON/EUMONT GAS	EMO/EG	DUAL
EMSU 913		REED 'B'	14	L-24-205-36E		104	CONOCO, INC.	EUNICE MONUMENT G/SA:	EMO	
EMSU 922	*	REED 'B'	13	M-24-205-36E		104	CONOCO, INC.	EUNICE MONUMENT G/SA:	EMO	
EMSU 923		REED 'B'	11	N-24-205-36E		104	CONOCO, INC.	EUNICE MONUMENT G/SA:	EMO	
EMSU 924	*	GILLULLY FED GAS COM	7	O-24-205-36E		105	AMOCO PROD. CO.	EUMONT Y,7R'S,Q(GAS):	EG	
		EUNICE MONUMENT UNIT	27	P-24-205-36E			GREENHILL PET.	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MON. SO. UNIT	102	A-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		L. W. WHITE NCT-A	7	A-25-205-36E			CHEVRON USA	EUMONT Y,7R'S,Q(GAS):	EG	
		EUNICE MON. SO. UNIT	103	B-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MON. SO. UNIT	104	C-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MON. SO. UNIT	105	D-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MON. SO. UNIT	106	E-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MON. SO. UNIT	107	F-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MON. SO. UNIT	108	G-25-205-36E			CHEVRON USA	EUNICE MONUMENT G/SA:	EMO	
		NEW	1	A-26-205-36E			PHILLIPS PET.	EUNICE MONUMENT G/SA:	EMO	
		SCHAFER	1	B-26-205-36E			ELLIOT OIL CO.	EUMONT Y,7R'S,Q(OIL):	P&A	12/75
		FEDERAL 'D'	9	C-26-205-36E			WARRIOR, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		FEDERAL 'D'	4	D-26-205-36E			WARRIOR, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		FEDERAL 'D'	2	E-26-205-36E			WARRIOR, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		FEDERAL 'D'	8	F-26-205-36E			WARRIOR, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		SCHAFER	2	G-26-205-36E			ELLIOT OIL	EUMONT Y,7R'S,Q(OIL):	P&A	6/71
		NEW	2	H-26-205-36E			PHILLIPS PET.	EUNICE MONUMENT G/SA:	EMO	
		FEDERAL 'D'	12	A-27-205-36E			WARRIOR, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		FEDERAL 'D'	3	H-27-205-36E			WARRIOR, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		HOBBS FEDERAL	2	L-18-205-37E			PHILLIPS PET.	EUNICE MONUMENT G/SA:	EMO	
		HOBBS FEDERAL	3	M-18-205-37E			PHILLIPS PET.	EUNICE MONUMENT G/SA:	EMO	
		HOBBS FEDERAL	4	N-18-205-37E			PHILLIPS PET.	EUN. MON/EUMONT GAS	EMO/EG	DUAL
		EUNICE MONUMENT UNIT	2	C-19-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MONUMENT UNIT	1	D-19-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 11/89
		NEW MEX. H ST NCT-3	25	D-19-205-37E			TEXACO, INC.	EUMONT Y,7R'S,Q(OIL):	EO	
		EUNICE MONUMENT UNIT	11	E-19-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 3/80
		EUNICE MONUMENT UNIT	12	F-19-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 6/73
		NEW MEX. H ST NCT-4	27	L-19-205-37E			TEXACO, INC.	EUMONT Y,7R'S,Q(GAS):	EG	
		EUNICE MONUMENT UNIT	21	L-19-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	SI	LAST PROD. 3/89
		EUNICE MONUMENT UNIT	28	M-19-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	EMO	
		EUNICE MONUMENT UNIT	34	D-30-205-37E			GREENHILL PET.	EUNICE MONUMENT G/SA:	EMO	

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1/2 MILE RADIUS OF REVIEW

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NOTE: IN PROPOSED WELLNO COLUMN, WELLS WITH "R" IN FRONT INDICATE A REPLACEMENT
WELL WILL BE DRILLED IN THIS LOCATION.

LEGEND

D&A - DRY AND ABANDONED WELL
EG - EUMONT GAS PRODUCER
EO - EUMONT OIL PRODUCER
EMO - EUNICE MONUMENT OIL PRODUCER
P&A - PLUGGED AND ABANDONED WELL
SI - SHUT-IN WELL
T/A - TEMPORARILY ABANDONED WELL

PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B

EXISTING AND PROPOSED WELL NAME / NUMBERING SCHEME
LEA COUNTY, NEW MEXICO

OPERATOR	CURRENT LEASE NAME	WELL NUMBER	API NUMBER	PROPOSED WELLNAME	WELL NUMBER
Amerada Hess	H. W. ANDREWS	7	3002504288	EMSU	901
Amerada Hess	H. W. ANDREWS	9	3002504289	EMSU	916
Amerada Hess	H. W. ANDREWS	10	3002504290	EMSU	903
Amerada Hess	H. W. ANDREWS	11	3002504291	EMSU	904
Amerada Hess	H. W. ANDREWS	12	3002504292	EMSU	902
Amerada Hess	H. W. ANDREWS	13	3002504293	EMSU	917
Conoco Inc.	Sanderson "A"	1	3002504212	EMSU	858
Conoco Inc.	Sanderson "A"	2	3002504213	EMSU	859
Conoco Inc.	Sanderson "A"	3	3002504214	EMSU	867
Conoco Inc.	Sanderson "A"	4	3002504215	EMSU	866
Conoco Inc.	Sanderson "A"	5	3002504216	EMSU	865
Conoco Inc.	Sanderson "A"	6	3002504217	EMSU	864
Conoco Inc.	Sanderson "A"	7	3002504261	EMSU	870
Conoco Inc.	Sanderson "A"	8	3002504262	EMSU	371
Conoco Inc.	Sanderson "A"	9	3002504263	EMSU	878
Conoco Inc.	Sanderson "A"	10	3002504264	EMSU	883
Conoco Inc.	Sanderson "A"	11	3002504265	EMSU	872
Conoco Inc.	Sanderson "A"	12	3002504266	EMSU	390
Conoco Inc.	Sanderson "A"	13	3002504267	EMSU	877
Conoco Inc.	Sanderson "A"	14	3002504268	EMSU	884
Conoco Inc.	Sanderson "A"	15	3002504269	EMSU	876
Conoco Inc.	Reed "B"	1	3002504294	EMSU	399
Conoco Inc.	Reed "B"	2	3002504295	EMSU	906
Conoco Inc.	Reed "B"	3	3002504296	EMSU	921
Conoco Inc.	Reed "B"	4	3002504297	EMSU	900
Conoco Inc.	Reed "B"	5	3002504298	EMSU	914
Conoco Inc.	Reed "B"	6	3002504299	EMSU	920
Conoco Inc.	Reed "B"	7	3002504300	EMSU	915
Conoco Inc.	Reed "B"	8	3002504301	EMSU	905
Conoco Inc.	Reed "B"	9	3002504302	EMSU	918
Conoco Inc.	Reed "B"	10	3002504303	EMSU	919
Conoco Inc.	Reed "B"	11	3002504304	EMSU	923
Conoco Inc.	Reed "B"	12	3002504305	EMSU	912
Conoco Inc.	Reed "B"	13	3002504306	EMSU	922
Conoco Inc.	Reed "B"	14	3002504307	EMSU	913
Amoco Prod. Co.	GILLULLY "A" FEDL.	2	3002504308	EMSU	895
Amoco Prod. Co.	GILLULLY "A" FEDL.	8	3002504311	EMSU	911
Amoco Prod. Co.	GILLULLY "A" FEDL.	9	3002504312	EMSU	897
Amoco Prod. Co.	GILLULLY "A" FEDL.	10	3002504313	EMSU	910
Amoco Prod. Co.	GILLULLY "A" FEDL.	11	3002504314	EMSU	909
Amoco Prod. Co.	GILLULLY "A" FEDL.	12	3002504315	EMSU	898
Amoco Prod. Co.	GILLULLY "A" FEDL.	13	3002504316	EMSU	908
Amoco Prod. Co.	GILLULLY "A" FEDL.	14	3002504317	EMSU	907
Amoco Prod. Co.	GILLULLY "A" FEDL.	16	3002504309	EMSU	896

OPERATOR	CURRENT LEASE NAME	WELL NUMBER	API NUMBER	PROPOSED WELLNAME	WELL NUMBER
Conoco Inc.	U.M.Sanderson B-1	1	3002504198	EMSU	853
Conoco Inc.	U.M.Sanderson B-1	2	3002504204	EMSU	854
Conoco Inc.	U.M.Sanderson B-1	3	3002504205	EMSU	862
Conoco Inc.	U.M.Sanderson B-1	4	3002504206	EMSU	863
Conoco Inc.	U.M.Sanderson B-1	8	3002504279	EMSU	874
Conoco Inc.	U.M.Sanderson AB-14	1	3002504276	EMSU	873
Conoco Inc.	U.M.Sanderson B-14	1	3002504271	EMSU	889
Conoco Inc.	U.M.Sanderson B-14	2	3002504272	EMSU	885
Conoco Inc.	U.M.Sanderson B-14	3	3002504273	EMSU	888
Conoco Inc.	U.M.Sanderson B-14	4	3002504274	EMSU	875
Conoco Inc.	U.M.Sanderson B-14	5	3002504275	EMSU	886
Shell	State "E"	1	3002504255	EMSU	868
Shell	State "E"	2	3002504256	EMSU	869
Shell	State "E"	3	3002504257	EMSU	880
Shell	State "E"	4	3002512542	EMSU	879
Chevron USA Inc.	State "D" (Graham St. H	1	3002504253	EMSU	882
Chevron USA Inc.	State "D" (Graham St. H	2	3002504254	EMSU	891
Chevron USA Inc.	Bell State (RR Bell "G"	2	3002504252	EMSU	893
Arco	W.P. Byrd	1	3002504221	EMSU	851
Arco	W.P. Byrd	2	3002504222	EMSU	952
Arco	W.P. Byrd	3	3002504223	EMSU	860
Arco	W.P. Byrd	4	3002504224	EMSU	356
Arco	W.P. Byrd	5	3002504225	EMSU	855
Arco	W.P. Byrd	6	3002512723	EMSU	861
Arco	M.J. Byrd	1	3002504218	EMSU	850
Arco	M.J. Byrd	3	3002504220	EMSU	857

REPLACEMENT WELLS TO BE DRILLED

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ORIGINAL LEASE HOLDER	WELL TO BE REPLACED LEASE NAME	WELL NUMBER	API NUMBER	PROPOSED REPLACEMENT WELL	WELL NUMBER
Amoco Prod. Co.	GILLULLY "A" FEEDL	7	3002504310	EMSU	924
Texaco Inc.	State "K"	1	3002504260	EMSU	881
Texaco Inc.	State "K"	2	3002511806	EMSU	892
Chevron USA Inc.	Bell State (RR Bell "G"	1	3002504251	EMSU	894

NEW WELL (PREVIOUSLY UNDRILLED 40 ACRE TRACT)

=====

ORIGINAL LEASE HOLDER	LEASE NAME	LOCATION	PROPOSED WELLNAME	WELL NUMBER
Conoco Inc.	SANDERSON "B14"	SW/4 SW/4 SEC14 T20S R36E	EMSU	887

PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B
PROPOSED INJECTION WELLS

LOCATION DATA

PROPOSED WELLNO	LEASE NAME	WELLNO	FOOTAGE	UNIT/SEC./T/R	OPERATOR	FIELD/POOL
EMSU 851 WIC	WILLIAM P. BYRD	1	330' FWL & 2310' FWL	C-11-20S-36E	ARCO OIL & GAS	EUNICE MONUMENT G/SA:
EMSU 853 WIC	SANDERSON 'B-1'	1	660' FWL & 330' FEL	A-10-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 855 WIC	BYRD GAS COM	5	1650' FWL & 330' FWL	E-11-20S-36E	ARCO OIL & GAS	EUMONT Y,7R'S,Q(GAS):
EMSU 857 WIC	MARY J. BYRD	3	2310' FWL & 2310' FEL	G-11-20S-36E	ARCO OIL & GAS	EUNICE MONUMENT G/SA:
EMSU 858 WIC	SANDERSON 'A'	1	1980' FSL & 660' FEL	I-11-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 860 WIC	WILLIAM P. BYRD	3	1650' FSL & 2310' FWL	K-11-20S-36E	ARCO OIL & GAS	EUNICE MONUMENT G/SA:
EMSU 862 WIC	SANDERSON 'B-1'	3	2310' FSL & 330' FEL	I-10-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 864 WIC	SANDERSON 'A'	6	990' FSL & 990' FWL	M-11-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 866 WIC	SANDERSON 'A'	4	990' FSL & 1650' FEL	O-11-20S-36E	CONOCO, INC.	EUN. MON G/SA, EUMONT :
EMSU 868 WIC	STATE 'E'	1	660' FWL & 1980' FWL	C-13-20S-36E	SHELL WESTERN	EUNICE MONUMENT G/SA:
EMSU 870 WIC	SANDERSON 'A'	7	660' FWL & 660' FEL	A-14-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 872 WIC	SANDERSON 'A'	11	330' FWL & 2310' FWL	C-14-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 874 WIC	SANDERSON 'B-1'	8	330' FWL & 330' FEL	A-15-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 875 WIC	SANDERSON 'B14'	4	1650' FWL & 990' FWL	E-14-20S-36E	CONOCO, INC.	EUMONT Y,7R'S,Q(OIL):
EMSU 877 WIC	SANDERSON 'A'	13	1650' FWL & 1650' FEL	G-14-20S-36E	CONOCO, INC.	EUN. MON./EUMONT GAS):
EMSU 879 WIC	STATE 'E'	4	1980' FWL & 660' FWL	E-13-20S-36E	SHELL WESTERN	EUNICE MONUMENT G/SA:
EMSU 883 WIC	SANDERSON 'A'	10	1980' FSL & 660' FEL	I-14-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 885 WIC	SANDERSON 'B14'	2	2310' FSL & 2310' FWL	K-14-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 889 WIC	SANDERSON 'B14'	1	990' FSL & 1650' FEL	O-14-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 891 WIC	GRAHAM STATE NCT-H	2	660' FSL & 660' FWL	M-13-20S-36E	CHEVRON USA	EUNICE MONUMENT G/SA:
EMSU 893 WIC	R. R. BELL NCT-G	2	660' FSL & 1980' FEL	O-13-20S-36E	CHEVRON USA	EUNICE MONUMENT G/SA:
EMSU 895 WIC	GILLULLY 'A' FEDL.	2	660' FWL & 660' FEL	A-24-20S-36E	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:
EMSU 897 WIC	GILLULLY 'A' FEDL.	9	660' FWL & 1980' FWL	C-24-20S-36E	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:
EMSU 899 WIC	REED 'B'	1	330' FWL & 330' FEL	A-23-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:
EMSU 901 WIC	H. W. ANDREWS	7	660' FWL & 2310' FWL	C-23-20S-36E	AMERADA HESS	EUMONT Y,7R'S,Q :
EMSU 903 WIC	H. W. ANDREWS	10	1980' FWL & 660' FWL	E-23-20S-36E	AMERADA HESS	EUMONT Y,7R'S,Q :
EMSU 905 WIC	REED 'B'	8	1980' FWL & 1650' FEL	G-23-20S-36E	CONOCO, INC.	EUMONT Y,7R'S,Q :
EMSU 907 WIC	GILLULLY 'A' FEDL.	14	1980' FWL & 660' FWL	E-24-20S-36E	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:
EMSU 909 WIC	GILLULLY 'A' FEDL.	11	1980' FWL & 1980' FEL	G-24-20S-36E	AMOCO PROD. CO.	EUNICE MONUMENT G/SA:
EMSU 912 WIC	REED 'B'	12	1980' FSL & 1980' FWL	K-24-20S-36E	CONOCO, INC.	EUN. MON/EUMONT GAS :
EMSU 914 WIC	REED 'B'	5	1980' FSL & 330' FEL	I-23-20S-36E	CONOCO, INC.	EUMONT Y,7R'S,Q :
EMSU 916 WIC	H. W. ANDREWS	9	1980' FSL & 1980' FWL	K-23-20S-36E	AMERADA HESS	EUMONT Y,7R'S,Q :
EMSU 918 WIC	REED 'B'	9	660' FSL & 660' FWL	M-23-20S-36E	CONOCO, INC.	EUMONT Y,7R'S,Q :
EMSU 920 WIC	REED 'B'	6	990' FSL & 1650' FEL	O-23-20S-36E	CONOCO, INC.	EUMONT Y,7R'S,Q :
EMSU 922 WIC	REED 'B'	13	660' FSL & 990' FWL	M-24-20S-36E	CONOCO, INC.	EUNICE MONUMENT G/SA:

PROPOSED NEW INJECTION WELLS

PROPOSED WELLNO	TENTATIVE LOCATION
EMSU 881 W1	1935' FSL & 705' FWL SEC.13 T20S R36E (UNIT K) LEA COUNTY, NEW MEXICO
EMSU 887 W1	660' FSL & 660' FWL SEC.14 T20S R36E (UNIT M) LEA COUNTY, NEW MEXICO
EMSU 924 W1	705' FSL & 2025' FEL SEC.24 T20S R36E (UNIT O) LEA COUNTY, NEW MEXICO

VI. Well Schemat-
tics-Inside
Unit Area

E MSU 853 w/c

WELL DATA SHEET

LEASE & WELL NO. SANDERSON B-1 #1 FIELD/POOL EUNICE MONUMENT DATE 6-20-90
 LOCATION 660 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
 SECTION 10 - T20S - R36E Unit A COUNTY LEA OPERATOR CONOCO

DF 3600
 KOB to CE _____
 DF to CE _____

Date Completed 12-29-36
 Initial Formation MONUMENT (GRAYBURG)
 From: 3778 to 3900 GOR 2235
 Initial: Production ☒ 102 bopd 0 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data: _____

10 3/4" OD Surface Pipe
 set @ 285' w/ 225 sx
 Cnt. Circulated? Yes

NATURAL CAMPL.

7 5/8" OD 26.4 Thd
 Gr. _____ Csg _____
 set @ 1236' w/ 425 sx
 Cnt Circulated? Yes
 TOC @ SURF by CALC.

Subsequent Workover or Reconditioning:

2-58 Acids. w/ 2000 Gals. 15% NEA.
B-62 80/97 BW/11330 MCFPD.
A-93 80/113 BW/1478 MCFPD.

12-65 Well dead. Placed on rod-pump.
12-81

3-82 MIPU. Perf'd 3748-57' w/ 2 JHPF.
 String-shot OH 3805-95'. Acids. OH w/
1220 Gals. 15% NEHCl. Acids. perf'd w/ 2775 gals.
15% NEFeHCl. C/O to TD @ 3900'.

3-84 MIPU. Spotted 1 bbl. 15% NEA 3713-56'.
 Perf'd 3749-59' (20 holes). Set OK @ 3710'.
 Acids. w/ 12 bbls. 15% NEFeHCl. Swabbed + RTP.
A-P80. 80B BW in 24 hrs.

3748-59' 2 JHPF (38 holes)

5 1/2" OD 17 Thd
 Gr. _____ Csg _____
 set @ 3778' w/ 425 sx
 Cnt Circulated? Yes
 TOC @ SURF by CALC.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

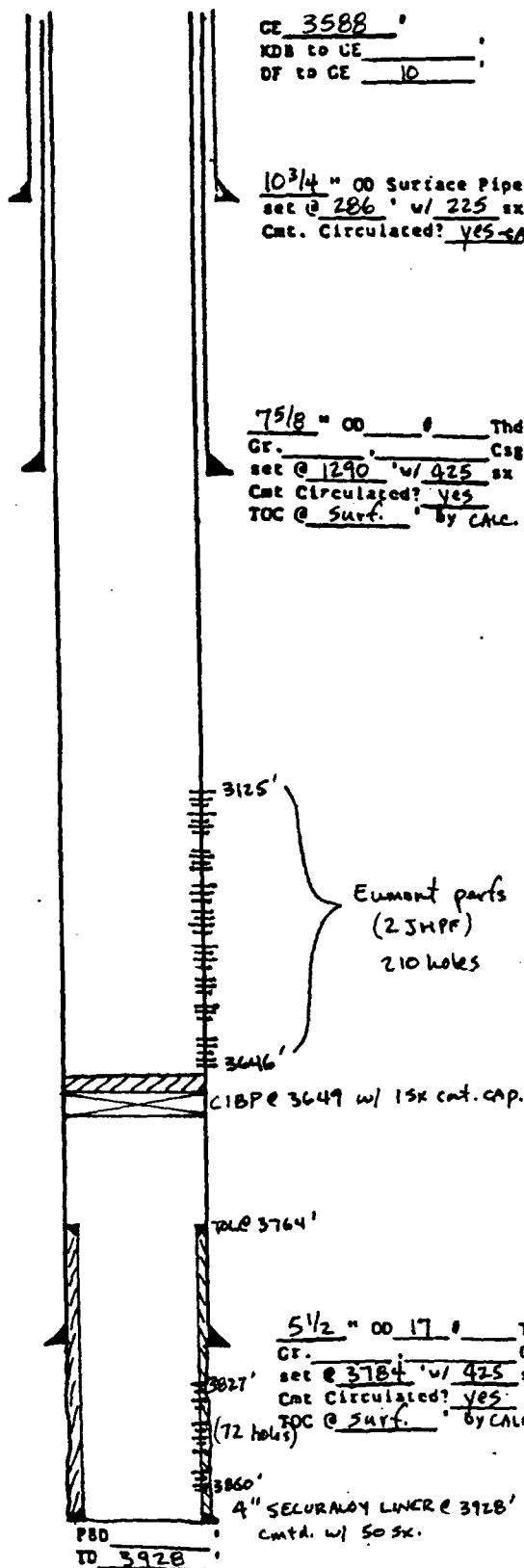
Remarks Or Additional Data:

P80

TD 3900

WELL DATA SHEET

LEASE & WELL NO. SANDERSON 'B-1' #2 FIELD/POOL EUMONT QUEEN DATE 6-20-90
 LOCATION 1650 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
 SECTION 10 - T20S-R36E 11th COUNTY LEA OPERATOR CONOCO



Date Completed 8-4-37
 Initial Formation GRAV BURG
 From: 3784' to 3928' GOR
 Initial: Production ☒ 57 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

NATURAL.

Subsequent Workover or Reconditioning:

10-57 Set pkr. @ 3700'. Perf'd Eumont 3125-3646 (210 holes). Treated parts w/ 25,000 Gals. sand frac. Perf'd the below pkr. @ 3835-37 + @ 3710'. DUALLED w/ EUMONT. A - E-M 1180, 60 BW, 2 MCFEFD. EUM. 080, 0 BW, 3700 MCFEFD.
2-60 Pulled pkr. RAN GR-NLOG. RAN 4" liner to TPC 3928'. TOC @ 3746'. Cmt'd. in place. Perf'd liner 3827-31', 3838-46', 3854-60' w/ 4 SF. Acids. w/ 5000 Gals. Re-ran dual equip. B - 37 (PKR @ 3700') A - 2180, 70 BW, 2100 MCFEFD.
10-72 Set tbg. plug @ 3672' + T/A'd E-M. Perf'd tbg. @ 3576' + returned Eumont Gas to Prod. up tbg.
4-80 MIPU. Set CIBP @ 3649' w/ 15x cnt. on top. Set pkr. @ 3000'. Acids. Eumont w/ 3000 gals. 15% HCl. Ppd. 4 bop, 24 BW, 168 MCFEFD.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

LEASE & WELL NO. SANDERSON B-1 #3 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 2310 FEET FROM SOUTH LINE AND 330 FEET FROM EAST LINE
 SECTION 10 - T20S - R36E Unit I COUNTY LEA OPERATOR CONOCO

DF 3591
 KDB to CE _____
 DF to CE _____

Date Completed _____
 Initial Formation Bramburg
 From: 3772 to 3891 COR 1037
 Initial: Production 216 bopd 0 bupd
 Or: Injection 0 bupd 0 psi
 Completion Date: _____

10 3/4" OD Surface Pipe
set @ 268' w/ 225' ex
 Cmt. Circulated? Yes
by calc.

Natural Completion

Subsequent Workover or Reconditioning:

7 5/8" OD csg
Set @ 1263' w/ 425' ex
 Cmt circ. Yes by calc.

9-67 Ppd. 500 GALS. Solvent + 250 sats. solvent
down csg. Ppd. 500 GALS. 15% NEH. Ppd. scale
inhibitor. RTP.

2-83 Clo 10' fill to 3856'. Port @ 3775-80'
3787-97', 3815-24' + 3837-47' w/ 55% Acid.
OH w/ 80 bbls. 15% HCl in 2 stages. Ppd. chemical
solvent. RTP A- 200, 30W, 30 MCFPD.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data: _____

5 1/2" OD # _____ Thd _____
 Gr. _____ Csg. _____
set @ 3772' w/ 425' ex
 Cmt Circulated? Yes
TOC @ surf by calc.

FMSH 863

WELL DATA SHEET

LEASE & WELL NO. SANDERSON 'B-1' #4 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 990 FEET FROM SOUTH LINE AND 330 FEET FROM EAST LINE
 SECTION 10 - T20S - R36E unit P COUNTY LEA OPERATOR CONOCO

DF 3590
 KDB to CE _____
 DF to CE _____

Date Completed 1-28-38
 Initial Formation Queen
 From: 3745 to 3890 COR 1875
 Initial: Production ☒ 1200 bopd 0 bupd
 Or: Injection ☐ bopd 0 psi
 Completion Data:

10³/₄" OD Surface Pipe
 set @ 230 w/ 225 sx
 Cmt. Circulated? Yes

NATURAL COMPL.
Acidz. w/ 1000 Gals. 15% HCL.

Subsequent Workover or Reconditioning:

7⁵/₈" OD _____ Thd
 Gr. _____ Csg
 set @ 1278 w/ 425 sx
 Cmt. Circulated? Yes
 TOC @ 4405 by CALC

6-55 Fished packer from old Reamed Hole 3745'
to 3890' from 4314' to 644'. Set 177' of 4"
liner to 3890' + cmt'd w/ 75 SX. Reversed-out 25 SX.
TOL @ 3711'. Doc. Perf'd @ 3824-33', 3840-44', w/
4 SPF (52 holes). Acidz. parts w/ 5000 gallons
15% NEHCL. 8-5X
A - 17/21/299 (0/w/6)
4-68 Perf'd 3800-15' w/ 25PF (30 holes). String-
shot parts 3800-3844' w/ 150 grains RTP.
A - 9/13/208 (0/w/6)
4-B1 C/O to 3864'. Perf. 3840-44', 24-33', 3800-15',
3750-65', w/ 2 SPF. Set pkr @ 3718' +
Acidz. w/ 6300 gals. 15% NEHCL. Swab.
Scale-squeeze. RTP. A - 5/18/51 (0/w/6)
7-84 C/O to 3850'. Set 2 bbb. 15% HCL Acid
3780-3850'. Set pkr @ 3680'. Acidz. parts
w/ 98 bbb. 15% HCL Acid. Pap. Scale-squeeze.
RTP. C/O to 3877'.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

5¹/₂" OD _____ Thd
 Gr. _____ Csg
 set @ 3745 w/ 425 sx
 Cmt. Circulated? Yes
 TOC @ 3824 by CALC

3840-44'

4" liner set @ 3890'
PBD 3877' TOL @ 3711'. Cmt'd. w/
TD 3890' 75 SX.

Emsu 850

WELL DATA SHEET

LEASE & WELL NO. Mary J. Burd #1 FIELD/POOL Eunice Monument Grby DATE 6-19-90
 LOCATION 330 FEET FROM North LINE AND 1650 FEET FROM EAST LINE
 SECTION 11, T20S, R36E Unit B COUNTY Lea OPERATOR ARCO

CE 3585
 KDB to CE _____
 DF to CE _____

Date Completed 12-1-35
 Initial Formation Grayburg
 From: 3779 to 3894 GOR N/A
 Initial: Production ☒ 389 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

Complete Natural - CH 3779-3894'

1 1/2" OD Surface Pipe
set @ 250' w/ 350 ex
 Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

10 3/4" OD 45 # Thd
 Gr. _____ Csg
set @ 2332' w/ 750 ex
 Cmt Circulated? NO
 TOC @ 937 by CALC
 est hole size 14 3/8"

7/36 - Acid OH w/ 2000 gal HCL
6/59 - C/O, ran 5" liner from 3732' to 3894'
Completed w/ 55 gal Perf 3842-3860 w/ 4 JHFF. Acid w/
500 gal 15%
6/76 - Acid w/ 2000 gal 15% HCL. Test 4580/4380/39 mcf.
6/84 - Perf 3840-46 w/ 2 JHFF. Acid w/ 3000 gal
15% NEA. Test 1480/980/40 mcf.

Top of Line @ 3732'

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

7" OD 24 # Thd
 Gr. _____ Csg
set @ 3779' w/ 300 ex
 Cmt Circulated? NO
 TOC @ 1935 by CALC

Remarks Or Additional Data:

3840-46 w/ 2 JHFF

3848-60 w/ 4 JHFF

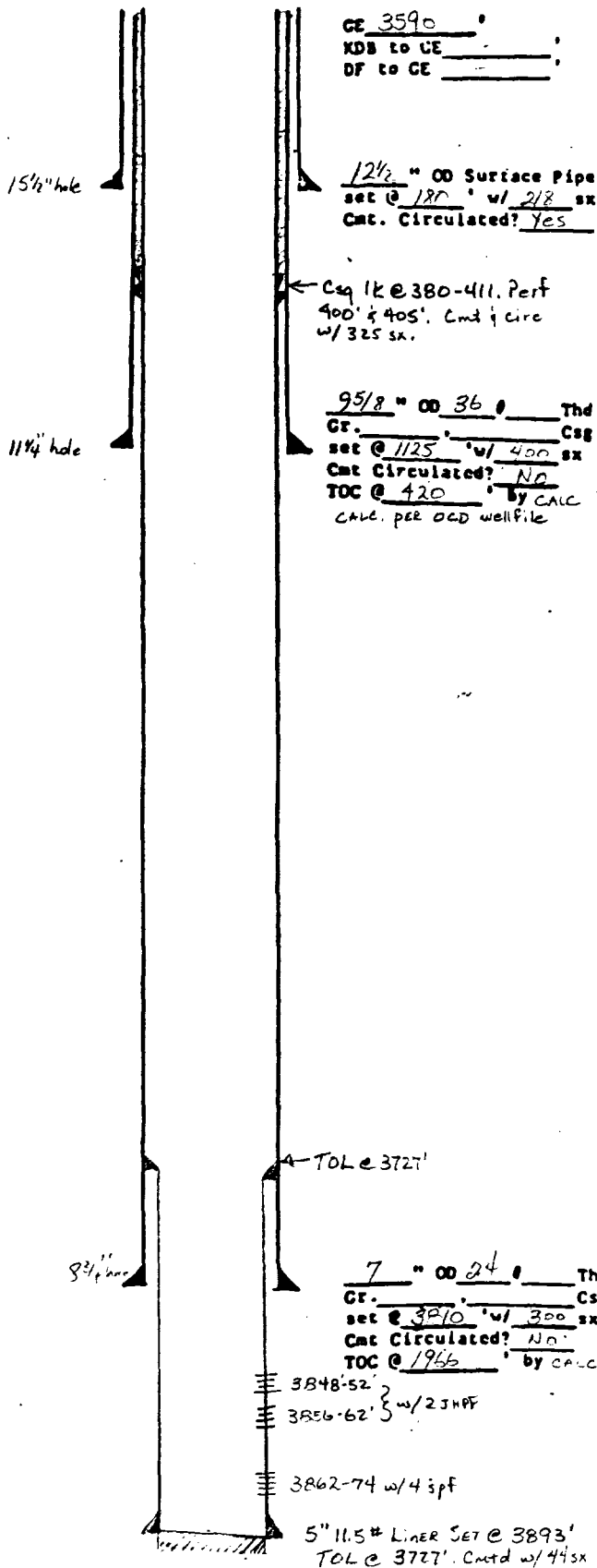
5" OD Liner @ 3894' contd
 w/ 55 gal

PBD 3878'

EMSU #851 w/c

WELL DATA SHEET

LEASE & WELL NO. William P. Byrd #1 FIELD/POOL Eunice Monument City DATE 6-19-90
 LOCATION 330 FEET FROM North LINE AND 2310 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit C COUNTY Lea OPERATOR ARCO



Date Completed 8/14/36
 Initial Formation Gr 6a
 From: 3810 to 3905 GOR
 Initial: Production ☐ bopd bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

Completed OH 3810-3905 Natural

Subsequent Workover or Reconditioning:

8/59 - Run 5" 11.5# Liner 4' 3727-3893'. Cmt'd
w/ 4 1/2" sx. PERF 3862-3874 w/ 4 JHPF. Acid w/
1000 gal 15% HCL. Test 144 BOPD.
6/84 - Perf 3848-52 & 3856-62 w/ 2 JHPF. Acid
w/ 3600 gal 15% HCL. Test 1080/14 BW/54 mcf.
8/85 - 7nd csg 1k @ 380'-411'. Perf'd w/ 4 shots @
400'. Perf'd 7' @ 405' w/ 2 shots. Pump 325 sx. Cmt & circ.
C/O. Test 1780/52 BW/8 mcf.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☒ 7 bopd 24 bupd Date 7/89
 GAS 2 MCFPD

Remarks Or Additional Data:

PB 3993'
 TD 3905'

WELL DATA SHEET

LEASE & WELL NO. Byrd Gas Com. #7 FIELD/POOL Eumont Queen Gas DATE 6-20-90
 LOCATION 990 FEET FROM North LINE AND 1980 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit C COUNTY Lea OPERATOR Arco

GE 3557
 KDB to GE
 DF to GE

8 5/8" OD Surface Pipe
 set @ 310' w/ 200 sx
 Cmt. Circulated? Yes
 Csg LK 310-325'
 Sqzd w/ 700 sx.

Csg LK @ 760' Sqzd
 w/ 250 sx.

Date Completed 4-13-94
 Initial Formation Eumont Gas
 From: 3234 to 3582 4460 met pd
 Initial: Production ☒ bopd bupd
 Or: Injection ☐ bopd psi

Completion Data:
 D/O to 3617', Perf 3234-42, 3366-78, 3386-90,
 3396-3404, 3416-24, 3454-64, 3480-3500, 3510-16,
 3520-28, 3536-46, 3560-66, 3574-82 w/ 4JHPF.
 Acid w/ 1000 gal mud Acid.

Subsequent Workover or Reconditioning:

3/83 - C/O to 3617', 7nd hole in csg @ 760' &
 310-25'. Set reh @ 683' Sqzd LK @ 760' w/ 250 sx.
 Sqzd LK @ 310-25 w/ 200 sx. Cont circ. D/O to 340'.
 Reaq @ 310-25 w/ 250 sx. D/O to 325'. Reaq 310-25
 w/ 250 sx. D/O to 340'. Test OK. D/O to 775'. Test
 OK. Trtd pump 3234-3582 w/ 375 gal 15% MCA,
 48000 gal T46 Terra Frac & 50/50 CO₂ w/ 780 sx
 20/40 sd & 360 sx 10/20 sd. Test 118% MCFPD 1.5 AWPD.

3234-42
 3366-78
 3386-90
 3396-3404
 3416-24
 3454-64
 3480-3500
 3510-16
 3520-28
 3536-46
 3560-66
 3574-82

w/ 4JHPF
 Eumont
 Gas

PB 3617'

PBD 3417'
 TD 3582'

5 1/2" OD 15 # Thd
 Cr. Csg.
 set @ 3450' w/ 1050 sx
 Cmt Circulated? NO
 TOC @ 1170' by TS

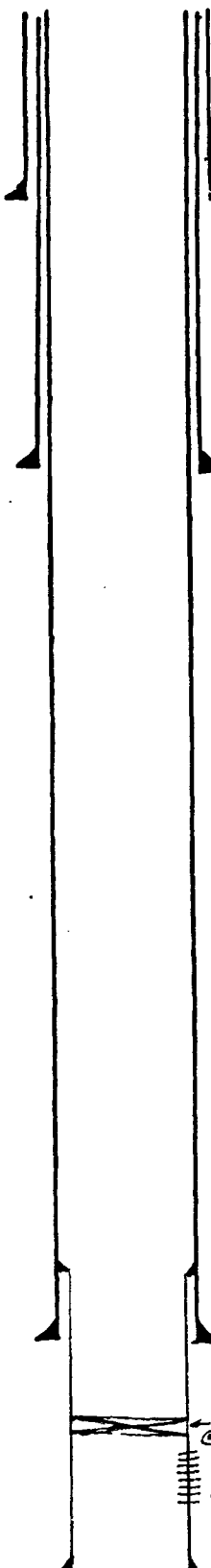
Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

EMS4 #852

WELL DATA SHEET

LEASE & WELL NO. William P. Byrd #2 FIELD/POOL Eunice Monument Grb DATE 6-19-90
 LOCATION 330 FEET FROM North LINE AND 990 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit D COUNTY Lea OPERATOR ARCO



CE 3598
 KDB to CE _____
 OF to CE _____

15 1/2" OD Surface Pipe
 set @ 271 ' w/ 250 sx
 Cmt. Circulated? Yes
 by Calc.

10 3/4" OD 45 # Thd
 Gr. _____ Csg
 set @ 1161 ' w/ 500 sx
 Cmt. Circulated? Yes
 TOC @ CALC. by _____

7" OD 24 # Thd
 Gr. _____ Csg
 set @ 3783 ' w/ 300 sx
 Cmt. Circulated? NO
 TOC @ 1939 ' by CALC.

CIBP @ 3813
 3833'-42' w/ 2 spf
 3842'-48' w/ 4 spf

Hydrant
 3860-3916

FE 3850'

TD 3916'

5" 11.5# Liner @ 3860'
 TOL @ 3738'. Cmt. w/ 45 sx
 SAND TOL.

Date Completed 9-13-36
 Initial Formation Grb
 From: 3783 to 3916 GOR N/A
 Initial: Production ☒ 346 bopd D bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

Acid OH w/ 3000 gal Acid.

Subsequent Workover or Reconditioning:

9/55- Set hydrant plug @ 3915'-3860'
11/59- C/O to PB. Ran 5" 11.5# liner from 3738'-
3860'. Cmt. w/ 45 sx. Perf. 3842-48' w/ 4 JHPI. Acid w/
Sepant HCL. Test 65 BOPB/10 BW
3/60- Sand tap of liner to reduce GOR.
6/74- Perf 3833-42' w/ 2 spf. Acid w/ 2500 gal
15% NCA. Test 380/95 BW/4 mcfq.
5/89- Set CIBP @ 3813' (w/ meas). Circ. 1000 b
water. Well T/A'd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

EMSU 855 wic

WELL DATA SHEET

LEASE & WELL NO. Byrd Gas Com #5 FIELD/POOL Eumont Queen Gas DATE 6-20-90
 LOCATION 1650 FEET FROM North LINE AND 330 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit E COUNTY Lea OPERATOR ARCO

CE 3594 °
 KDB to CE _____
 DF to CE _____
 1 1/2" OD Surface Pipe
 set @ 220 ' w/ 300 sx
 Cmt. Circulated? Yes
 CMC.

Date Completed 6-4-37
 Initial Formation Granburg
 From: 3779 to 3900 GOR
 Initial: Production ☒ 694 bopd _____ bupd _____
 OR: Injection ☐ _____ bupd @ _____ psi
 Completion Data:
Completed on natural

9 5/8" OD 40 ° Thd
 Gr. _____ Csg
 set @ 1237 ' w/ 400 sx
 Cmt Circulated? Yes
 TOC @ surf ' by CALC.

Subsequent Workover or Reconditioning:

8/72 - Ran GE/N. Set CIBP @ 3730', cap w/ 35' cmt. PBD 3695'. Perf Eumont gas 3065, 80, 90, 3102, 24, 30, 60, 92, 3200, 3346, 74, 80, 3464, 74, 32, 92, 97, 3509, 18, 28, 45, 3548 w/ 15sf. Acid w/ 2000 gal 152 HCL. FRAC w/ 18000 gal slick gw w/ 27500 # 20/40 sd. Test 900 mcfpd, 10 BLW, OBO Recompleted Eumont Gas.

3065'
 3080'
 3090'
 3102'
 3124'
 3130'
 3160'
 3192'
 3200'
 3346'
 3374'
 3380'
 3464'
 3474'
 3482'
 3492'
 3497'
 3509'
 3518'
 3528'
 3545'
 3548'

Eumont Gas w/ 15sf.

PBD 3695'
 CIBP @ 3730', cap w/ 35' cmt.
 7" OD 24 ° Thd
 Gr. _____ Csg
 set @ 3779 ' w/ 300 sx
 Cmt Circulated? No
 TOC @ 1777 ' by CALC.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

PBD _____
 TD 3900

WELL DATA SHEET

LEASE & WELL NO. WILLIAM P. BYRD #4 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 1650 FEET FROM NORTH LINE AND 2310 FEET FROM WEST LINE
 SECTION 11 - T20S - R36E Unit F COUNTY LEA OPERATOR ARCO

CE 3585 °

KOB to CE _____

DF to CE _____

Date Completed 4-37Initial Formation GRAYBURGFrom: 3776 to 3901 GOR _____Initial: Production ☒ 401 bopd 0 bupd _____Or: Injection ☐ _____ bopd 0 psi _____

Completion Data:

Natural

12 1/4 " OD Surface Pipe
 set @ 218 ' w/ 300 sx
 Cmt. Circulated? YES CALC.
 (15 1/2" OH)

Subsequent Workover or Reconditioning:

95/8 " OD 40 # _____ Thd
 Gr. _____ Csg
 set @ 1153 ' w/ 500 sx
 Cmt Circulated? YES
 TOC @ Surf. by CALC.
 (11 1/4" OH)

3-40 Set EXNER DODGE PRR. @ 3850 ' to
 reduce GOR.
4-59 Acids w/ 500 gals. 15% HCl.
6-73 T.A.D. well would not flow.
12-74 Equip to pump. A-2380/15AW/81MCF/D.
10-79 Pulled OH per. R.T.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☒ 35 bopd 78 bupd Date 9/89
 GAS 343 MCF/D

Remarks Or Additional Data:

7 " OD 24 # _____ Thd
 Gr. _____ Csg
 set @ 3776 ' w/ 300 sx
 Cmt Circulated? NO
 TOC @ 1590 by CALC.
 (8 1/2" OH)

2310 " tbg @ 3876 '
151-3/4 " rods.

PBD 3901 :
 TD 3901 :

LEASE & WELL NO. Manuel Burd #3 FIELD/POOL Eunice Monument Gls DATE 6-19-90
LOCATION 2310 FEET FROM North LINE AND 2310 FEET FROM EAST LINE
SECTION 11, T20S, R36E Unit C COUNTY Lea OPERATOR Arco

GE 3571
KDB to GE _____
DF to GE 13

Date Completed 6/24/62
Initial Formation Gravelly
From: 3882 to 3892 COR 920
Initial: Production ☒ 72 bopd 20 bupd
Or: Injection ☐ bupd ☒ psi
Completion Data:

7 5/8 " OD Surface Pipe
sec @ 308 ' w/ 125 ex
Cmt. Circulated? yes

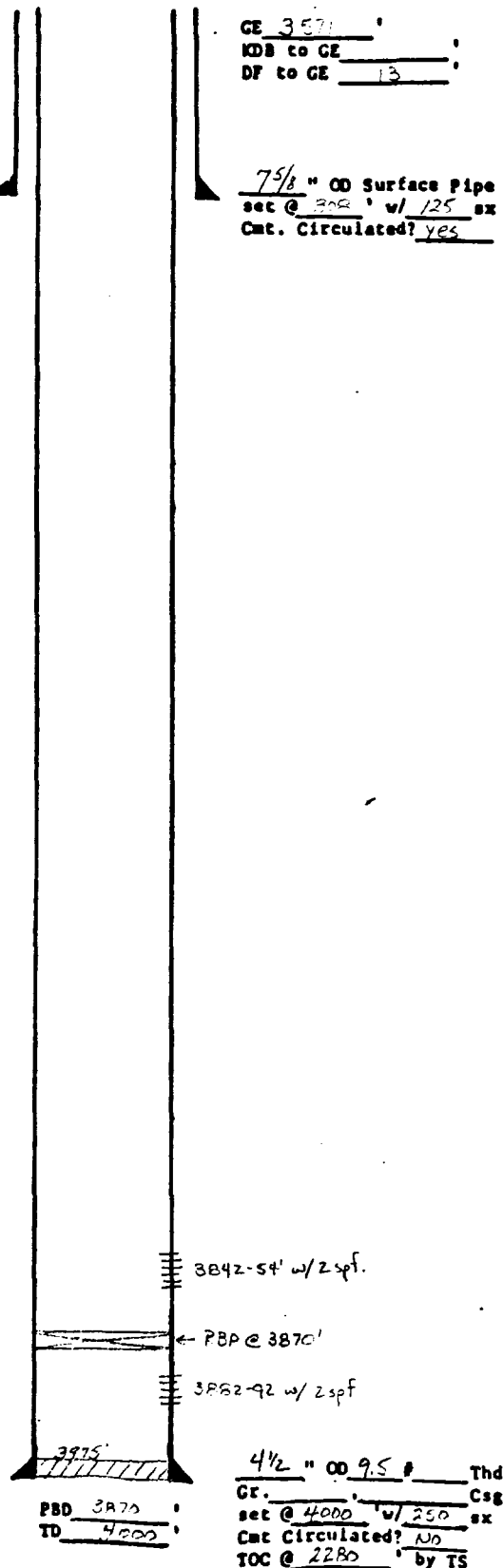
PERF 3882-3892 w/ 2 spf. Acid w/ 500 gal
MCA & 1000 gal 15% HCl. Sub 1580/58BW 10hrs.
PERF 3892-54 w/ 2 spf. Set RAE 3870'.
Put Perfo 3893-54 on pump.

Subsequent Workover or Reconditioning:

11/62 - Acc'd per 3842-54' w/ 500 gal 152 HCL. Test 708-20

Present Inj. ☐ _____ bupd @ _____ pol Date _____
Present Prod. ☒ 22 bopd 15 bupd Date 9/89
GAS 7 MCFPD

Remarks Or Additional Data:



4 1/2 " 00 9.5 # _____ Thd
Gr. _____ Csg
set @ 4000 w/ 250 ex
Cmc Circulated? No
TOC @ 2280 by TS

WELL DATA SHEET

LEASE & WELL NO. Sanderson 'A' #1 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 1980 FEET FROM South LINE AND 660 FEET FROM East LIKE
 SECTION 11, T20S, R36E Unit I COUNTY Lea OPERATOR Conoco

CE 3573'
 KDB to CE
 DF to CE

Date Completed 9-30-36
 Initial Formation Grayburg
 From: 3778 to 2125 GOR 29.1
 Initial: Production ☒ 154 bopd ☒ 0 bupd
 Or: Injection ☐ 0 bupd ☐ 0 psi
 Completion Data:

1 3/4" OD Surface Pipe
 set @ 251 ' w/ 200 sx
 Cmt. Circulated? Yes

Completed OH Natural 3778-3890'

Subsequent Workover or Reconditioning:

7 5/8" OD 0 Thd
 Cr. 0 Csg
 set @ 2328 ' w/ 900 sx
 Cmt Circulated? Yes
 TOC @ Surf ' by CALC

No subsequent work per O&G records.

Present Inj. ☐ 0 bupd @ 0 psi Date 0
 Present Prod. ☐ 0 bopd 0 bupd Date 0
 GAS 0 MCF PD 0

Remarks Or Additional Data:

5 1/2" OD 0 Thd
 Cr. 0 Csg
 set @ 3778 ' w/ 150 sx
 Cmt Circulated? No
 TOC @ 2118 ' by CALC

PBD
 TD 3890

EMSD 859

WELL DATA SHEET

LEASE & WELL NO. Sanderson 'A' #2 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 2310 FEET FROM South LINE AND 1980 FEET FROM East LINE
 SECTION 11, T20S, R36E Unit J COUNTY Lea OPERATOR Conoco

CE _____
 KDB to CE _____
 DF to CE 3576

1034 " OD Surface Pipe
 set @ 236 ' w/ 250 sx
 Cmt. Circulated? Yes
 CALC.

75/2 " OD 26.4 " Thd
 Gr. _____ Csg
 set @ 1070 ' w/ 475 sx
 Cmt. Circulated? Yes
 TOC @ Surf by CALC

Date Completed 12-29-36
 Initial Formation Fractures
 From: 3257 to 3275 GOR 924
 Initial: Production ☒ 1104 bopd _____ bupd
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:
Comp OH natural

Subsequent Workover or Reconditioning:

12/46 - Acid OH w/ 2000 gal 15% acid
3/48 - D/O to 3899, Set 4" Liner 3899-3719' Cld w/ 65sx.
Perf @ 3888-98' Acid w/ 1500 gal res. acid.
5/78 - Perf - 3797', 3813, 18, 22, 42, 50, 60, 67,
76, 90, 92, 3845' w/ 235ft. Acid w/ 2000 gal 15% NEPA.
Test 2480/186w/25 mcf.

1/83 - Acid perf w/ 420 gal 15% NEPA. Perf 3786-92,
3776-82, 3764-68, 3750-55, 3740-42, 3730-34 w/ 2.0 pf
Acid new perf w/ 2264 gal 15% NEPA. Test 5110/221w/
61 mcf.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

TOL @ 3719'

3730-34'

3740-42'

5 1/2 " OD 17 " Thd

Gr. _____ Csg
 set @ 3757 ' w/ 475 sx
 Cmt. Circulated? Yes
 TOC @ Surf by CALC

3750-55'

3764-68'

3776-82'

3786-90'

3757'

3813'

3818'

3822'

3842'

3850'

3860'

3867'

3876'

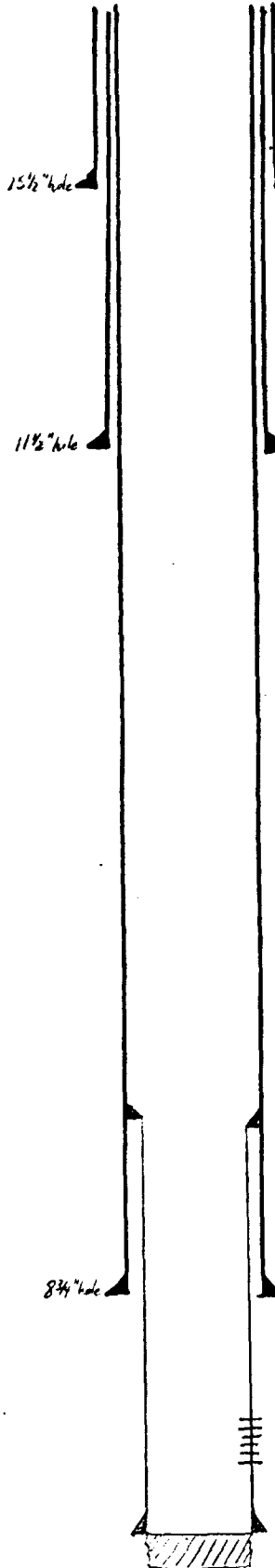
3888-98'

4" Liner @ 3899' TOL @ 3719'
Cld w/ 65' sx.

EMSU #860 w/c

WELL DATA SHEET

LEASE & WELL NO. William P. Bued #3 FIELD/POOL Eunice Monument Grby DATE 6-19-90
 LOCATION 1650 FEET FROM South LINE AND 2310 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit K COUNTY Lea OPERATOR ARCO



CE 3377
 KDB to CE _____
 DF to CE _____

12 1/2 " OD Surface Pipe
 set @ 267 ' w/ 300 sx
 Cmt. Circulated? Yes
 By CALC.

9 5/8 " OD 40 # Thd
 Gr. _____ Csg
 set @ 1446 ' w/ 500 sx
 Cmt Circulated? Yes
 TOC @ surf ' by CALC.

7 " OD 24 # Thd
 Gr. _____ Csg
 set @ 3749 ' w/ 300 sx
 Cmt Circulated? NO
 TOC @ 1905 ' by CALC.

3834-48 w/ 2 BSFF

5" 15 # 11.5* Line, Set @ 3876'
 TOL @ 3661'. Cmt'd w/ 40sx.

PB 3876'
 TD 3890'

Date Completed 3/9/37
 Initial Formation Growth
 From: 3749 to 3890 GOR N/A
 Initial: Production ☒ 940 bopd 0 bupd
 Or: Injection ☐ bupd @ 0 psi
 Completion Data:

Acid OH 3749-3890' w/ 2000 gal HCL.

Subsequent Workover or Reconditioning:

2/60 - Reamed hole f/ 3762-3867'. C/O to TD.
Set 5" OD Line (5 it's 15 # 2 1/2" 11.5*) @ 3876'.
TOL @ 3661' Cmt'd w/ 40sx. Rev out 20sx. PERT
3834-48 w/ 2 BSFF. Acid w/ 500 gal HCL. Test
9660/D6w/14 mctpd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ 5 bopd 7 bupd Date 1/89
 GAS 5 MCF PD

Remarks Or Additional Data:

LEASE & WELL NO. William P. BYRD #6 FIELD/POOL EUNICE MONUMENT DATE 6-19-90
 LOCATION 2310 FEET FROM SOUTH LINE AND 990 FEET FROM WEST LINE
 SECTION 11 - T20S - R36E Unit L COUNTY LEA OPERATOR ARCO

CE 3589 °
 KDB to CE _____
 DF to CE _____

Date Completed 7-21-37
 Initial Formation Grayburg
 From: 3776 to 3894 GOR _____
 Initial: Production ☒ 40B bopd 0 bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data: _____

12 1/2" OD Surface Pipe
 set @ 249 ' w/ 300 sx
 Cnt. Circulated? YES - Calc.
 (15 1/2" OH)

Natural Completion

Subsequent Workover or Reconditioning:

9 5/8" OD 40 # _____ Thd
 Gr. _____ Csg
 set @ 1201 ' w/ 400 sx
 Cnt. Circulated? YES
 TOC @ Surf. ' by CALC.
 (11 3/4" hole)

9-59 Clo to TD. Log w/ Caliper. Ran 6 jts.
5" 11.5# liner 3767 to 3894 TD. Cntd. in-place
 w/ 50 sx. cnt. Tested 7" csg. & liner top to
1500 psi. Held OK. Ran GR-A loss. Perf. liner
3848-3860 w/ 4 SPF (4B holes). Acids. Perfs
 w/ Mud Acid 500 gallons. 18 MC 9000 #. TS &
VACUUM. RTP. FSB BD, B6 BW, 60 MCF6 on 3/4" CHL.
B-4 68015 BW 167 MCF6PD.
1-67 Equip to pump.

T/Liner 3701'

7" OD 24 # _____ Thd
 Gr. _____ Csg
 set @ 3776 ' w/ 300 sx
 Cnt. Circulated? NO
 TOC @ 1932 ' by CALC.
45 SF (8 3/4" hole)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ 7 bopd 61 bupd Date 9/89
 GAS 10 MCFPD

Remarks Or Additional Data: _____

PBD 3894 • 5" 11.5# liner @ 3894'
 TD 3894 • Tot @ 3701' Cntd. w/ 50 sx.

Emsu 764 w/c

WELL DATA SHEET

LEASE & WELL NO. Sanderson A #6 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 990 FEET FROM South LINE AND 990 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit M COUNTY Lea OPERATOR Conoco

CE _____
 KDB to CE _____
 DF ~~4583~~ 3583

Date Completed 9-19-37
 Initial Formation Granite
 From: 3737 to 3883 GOR 1589
 Initial: Production ☒ 336 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

10 3/4" OD Surface Pipe
 set @ 250 ' w/ 225 sx
 Cnt. Circulated? Yes

Comp. OH natural.

Subsequent Workover or Reconditioning:

7 5/8" OD 26.4 # Thd
 Cf. _____ Csg
 set @ 1240 ' w/ 425 sx
 Cnt. Circulated? Yes
 TOC @ Surf. ' by CALC.

5/50 - Acid OH 3850-3883 w/ 1000 gal acid.
Test 880/158W/60K 112000.

10/50 - C/O to 3873, set 4" liner @ 3883, TOC 3703
Cutd w/ 54 sx. Cure 105K. D/O to 3876', Perf @
3857-63, 3844-51, 3832-35, 3838-41, 3810-26 Acid
w/ 4000 gal rec acid, Test 6680/268W/60K = 655

12/50 - Install gas lift equip.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

and 5 1/2" O.D. 3750' w/ 415K

5 1/2" OD Thd
 Cf. _____ Csg
 set @ 3727 ' w/ 425 sx
 Cnt. Circulated? Yes
 TOC @ Surf. ' by CALC.

3810-26'
3832-35'
3838-41'
3844-51'
3857-63'

4" Liner set @ 3883'
TOC 3703' w/ 50 sx.

PE 3876'
TD 3883'

Emsu 355

WELL DATA SHEET

LEASE & WELL NO. Sanderson "A" #5 FIELD/POOL Emsu Monument DATE 6-21-90
 LOCATION 990 FEET FROM South LINE AND 2310 FEET FROM West LINE
 SECTION 11, T20S, R36E Unit N COUNTY Lea OPERATOR Conoco

GE _____
 KDB to GE _____
 DF 3581

Date Completed 5-30-87
 Initial Formation Grayburg
 From: 3742 to 3883 GOR _____
 Initial: Production ☒ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ bupd _____ psi _____
 Completion Data:
Comp OH natural 3742-3883'

10 3/4" OD Surface Pipe
set @ 265' w/ 250' sx
Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

7 1/2" OD _____ Thd
Gr. _____ Csg
set @ 1120' w/ 425' sx
Cmt Circulated? Yes
TOC @ surf _____ by CALC.

Date N/A - Ran 4" Liner. Set @ 3883. TOL
@ 3621. Cmt @ w/ 150' sx. Perf 3844-78 w/ 2 spt.
Acid w/ 700 gal. reg. acid.
4/68 - Perf 4" Liner @ 3865-68 w/ 2 spt. String
and new perfs. Pump 5000 gal. Trt w/ 200 gal
15% NEA. Test - Flow 178 w/ 4' BW, 972 mcf.
6/69 - Set 6" Liner 3844-78 w/ 150' sx. DID to
3880. Perf 3844-77 w/ 2 spt. Acid w/ 1000 gal
15% HCL. Well shut in due to uneconomic.
6/78 - Perf 3775, 3789, 3802', 3818, 3824, 3835,
3848, 3852 w/ 23 HFF. Acid w/ 1500 gal 15% NEA. Test
680/128 w/ 25 mcf pd.
9/81 - Perf 3704-3833 w/ 1 spt. Acid w/ 450 gal
15% NEFA. Test 2000/238 w/ 133 mcf. Perf interval
3704-06, 3714-21, 3731-33, 3742-45, 3762-65, 3773-76,
3788-93, 3801-04, 3817-22'

TOL @ 3621'

3704-06'
 3718-21'
 3731-33'

5 1/2" OD _____ Thd
Gr. _____ Csg
set @ 3742' w/ 425' sx
Cmt Circulated? Yes
TOC @ Surf _____ by CALC.

3736-45'
 3742-65'
 3773-76'
 3788-93'
 3801-04'
 3817-33'
 3835'
 3848'
 3852'

3864-77

4" Liner Set @ 3883'
TOL @ 3621'. Cmt @ w/
150' sx.

DE 3880'
 TO 3880'

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

Dual

EMSA 866 w/c

WELL DATA SHEET

LEASE & WELL NO. Sanders 'A' #4 FIELD/POOL Eunice Monument/ Eunice 478Q DATE 6-21-90
 LOCATION 990 FEET FROM South LINE AND 1650 FEET FROM EAST LINE
 SECTION 11, T20S, R36E Unit 0 COUNTY Lea OPERATOR Conoco

Date Completed 5-10-37
 Initial Formation Granular
 From: 3782 to 3865 GOR
 Initial: Production ☒ bopd bupd
 Or: Injection ☐ bopd psi
 Completion Data:

GE
 KDB to GE
 DF 3576

10 3/4" OD Surface Pipe
set @ 263' w/ 250' ss
 Cnt. Circulated? Yes
 CALC.

Completed 11/4/41

Subsequent Workover or Reconditioning:

7 1/2" OD Thd
 Gr. Csg
 set @ 1125' w/ 425' ss
 Cnt Circulated? Yes
 TOC @ Surf by CALC.

10/57 - Perf 3254-58, 3264-68, 3272-80, 3304-08,
3324-26, 3332-35, 3336-42, 3396-3401, 3408-20
3424-26, 3430-38, 3442-50, 3454-64, 3514-20, 3524-30
3551-55, 3568-74 w/ 250' T. and select materials
w/ total 2000 gal bead & 20000 gal sand frac.
Dual Eunice Gas / Eunice Monument Oil, Test
EM - 4880 / 18W / 914 mcf. Eunice - 1430 mcf 20.

12/58 - Test for comm. No comm. found between
EM & Eunice in area. Ran Baker Model D. Set @ 3650. Perm
Qual equip.

3/80 - C/O to 3852' perf OH 3800-34', perf
3648, 3656-58, 3661-64, 3680-84, 3692-96, 3706-08,
3719-37, 3744-46, 3770-74 w/ 250' Acid w/ 6000 gal
15% Nefca. Acid w/ 1000 gal 20% Nefca. Set
pt. C 3671'.

1/83 - Acid OH w/ 420 gal 15% Nefca & scale trt.
Grba test 2180 / 11 W / 49 mcf.

4/90 - PKR test. Grba test 2700 / 2 mcf
Eunice test - 1700 / 2 mcf.

3254-58
 3264-68
 3272-80
 3304-08
 3324-26
 3332-35
 3336-42
 3396-3401
 3408-20
 3424-26
 3430-38
 3442-50
 3454-64
 3514-20
 3524-30
 3551-55
 3568-74

w/250'F
 Eunice
 Gas

3648'
 3656-58
 3661-64
 3680-84
 3692-96
 3706-08
 3719-37
 3744-46
 3770-74

w/250'F

5 1/2" OD Thd
 Gr. Csg
 set @ 3782' w/ 475' ss
 Cnt Circulated? Yes
 TOC @ Surf by CALC

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCF PD

Remarks Or Additional Data:

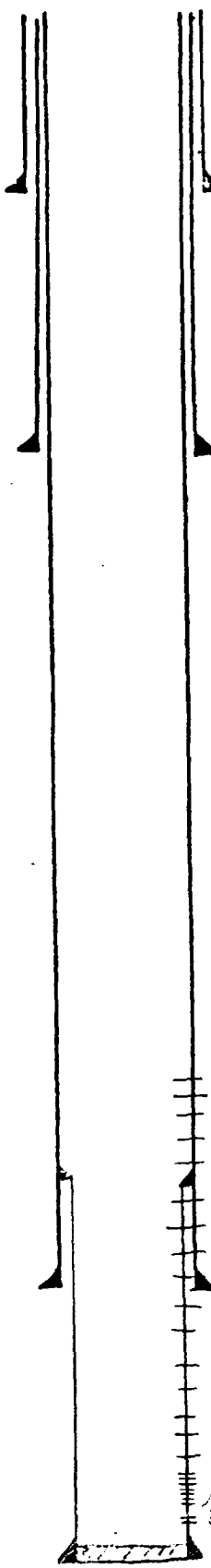
Unknown fish 3852'-3865'

PBD 3352
 TD 3865

EMSU 267

WELL DATA SHEET

LEASE & WELL NO. Sanderson "A" #3 FIELD/POOL Kunice Monument DATE 6-21-90
 LOCATION 660 FEET FROM South LINE AND 660 FEET FROM EAST LINE
 SECTION 11, T20S, R36E Unit P COUNTY Lea OPERATOR Conoco



CE _____
 KDB to CE _____
 OF _____ 3571

10 3/4" OD Surface Pipe
 set @ 264' w/ 250 sx
 Cmt. Circulated? yes
 CALC.

7 5/8" OD _____ Thd
 Cr. _____ Csg
 set @ 1092' w/ 375 sx
 Cmt Circulated? yes
 TOC @ SURF. _____ by CALC.

Perf 3562'-3857'
 over all 232 ft
 Total 232 hole
 (no detail avail).

5 1/2" OD _____ Thd
 Cr. _____ Csg
 set @ 3752' w/ 375 sx
 Cmt Circulated? yes
 TOC @ SURF. _____ by CALC.

3826-45' w/ 2 spf
 3852-60'

4" Liner set @ 3871'
 Tol @ 3721. Cmt'd w/
 300 sx.

PO 3865

TX 2071

Date Completed 3-31-37
 Initial Formation Graptolite
 From: 3852 to 3740 GOR _____
 Initial: Production ☐ N/A bopd _____ bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

Perf'd 3852-60'. No test data available

Subsequent Workover or Reconditioning:

10/67 - Perf Liner @ 3826-45 w/ 2 JHPF. String
 Set 3852-60 of 3826-45. Trid w/ 400 ad. o/p. psi.
 Test 4180/99 RW GOR = 268
 3/71 - Report 3852-60 & 3826-45 w/ 1 spf.
 Trid w/ sand conc. & 500 gal LSTW acid.

12/81 - C/O to 3865'. Perf 3693-98, 3710-14,
 3742-50, 3756-61, 3764-68, 3779-86, 3807-10, 3814-16,
 3826-45, 3852-60 w/ 2 spf. Acid w/ 6300 gal 15%
 HCL. Test 3800 PD, 998 WPD, 21 mcpd

5/88 - Perf 3562-3857' w/ 2 spf (232 shots).
 Acid w/ 225 Bbls. NEFA.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. SANDERSON "A" #16 FIELD/POOL Eunice Monmouth DATE 6-21-90
 LOCATION 990 FEET FROM South LINE AND 330 FEET FROM EAST LINE
 SECTION 11, T20S, R36E Unit P COUNTY Lea OPERATOR Conoco

GE 3560
 KDB to GE _____
 DF to GE _____

Date Completed 1-15-73
 Initial Formation Granular
 From: 3802 to 3879 COR _____
 Initial: Production 29 bopd / 32 bopd
 Or: Injection 0 bopd @ _____ psi
 Completion Data: _____

8 5/8" OD Surface Pipe
set @ 1013' w/ 600' sx
Cmt. Circulated? Yes

Perf 3877-79 w/ 250F. Acid w/ 700 gal
28% HCL, 100% WTC, set CIBP @ 3870' Perf 3802
3812, 3823, 3831, 3846, 3859 w/ 250F Acid w/ 1200 gal
28%.

Subsequent Workover or Reconditioning:

12/73 - Set CIBP @ 3834' w/ 15A Cmt on top.
Perf 3805 & 3822 w/ 150F. Acid w/ 1000 gal 28% HCL.
9/85 - Spot 6 bbls. Acetic acid across 3780-3550'
Perf 3572', 3584-88, 3593, 3610, 13, 20, 32, 47, 62,
70, 74, 3684-90, 3712, 70, 22, 24, 38, 40, 42, 58-60,
3770-74 w/ 250F. Acid w/ 62 Bbls 15% HCL.
Pump se. init. Test CBO/ 85 BW/ 2 mcf.

3573'
 3584-88'
 3593'
 3610'
 3613'
 3620'
 3632'
 3647'
 3662'
 3670'
 3674'
 3686-90'
 3716'
 3720'
 3722'
 3724'
 3738'
 3740'
 3742'
 3758-60'
 3770-74'

3802 w/ 250F
 3805 w/ 150F
 3812 w/ 250F
 3822 w/ 150F
 3823 w/ 250F

PB 3824

3831' w/ 250F
 ← CIBP @ 3834 w/ 15A Cmt.

3846' w/ 250F
 3859' w/ 250F

← CIBP @ 3870'

3877' w/ 250F
 3879'

PBD

TD 3825

5 1/2" OD 14 # Thd
 Gr. _____ Csg. _____
 set @ 3825 w/ 500 sx
 Cmt Circulated? NO
 TOC @ 2650 by TS

Present Inj. ☐ _____ bopd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

WELL DATA SHEET

LEASE & WELL NO. Shell State #11 FIELD/POOL Eumant 4780 DATE 6-21-90
 LOCATION 990 FEET FROM North LINE AND 1980 FEET FROM West LINE
 SECTION 13, T20S R36E Unit C COUNTY Lea OPERATOR Meridian Oil Co.

GE 3551
 KDB to GE _____
 DF to GE _____

Date Completed 5-18-55
 Initial Formation Eumant Gas
 From: 3162 to 3437 42 MCF CAG
 Initial: Production ☐ bopd bopd
 Or: Injection ☐ bopd @ psi
 Completion Data:

8 5/8" OD Surface Pipe
sec @ 985' w/ 366 ex
 Cmt. Circulated? Yes

Acid OH w/ 1000 gal. 15% acid. Free w/
2000 gal oil w/ 1000 ex

Subsequent Workover or Reconditioning:

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OD 5.5# Thd
 Gr. _____ Csg. _____
 sec @ 3162 w/ 100 ex
 Cmt Circulated? Yes
 TOC @ 5000 by TS CALC.

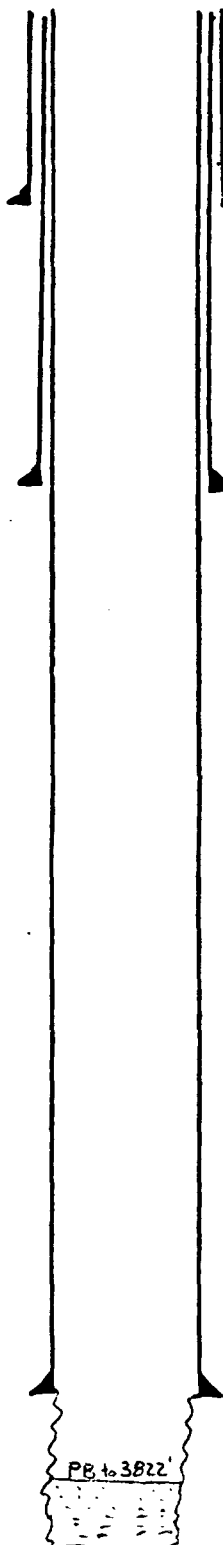
OH 3162-3437'
 Eumant Gas.

TD 3437'

EMSU # 868 wic

WELL DATA SHEET

LEASE & WELL NO. _____ STATE "E" *1 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 660 FEET FROM North LINE AND 1980 FEET FROM West LINE
 SECTION 13 T205, R36E Unit C COUNTY Lea OPERATOR Shell Western EIP



CE 3554
 KDB to CE
 OF to CE 10

12 1/2" OD Surface Pipe
 set @ 155' w/ 150 sz
 Cmt. Circulated? yes

9 5/8" OD 36 # Thd
 Gr. _____ Csg
 set @ 999' w/ 300 sz
 Cmt Circulated? yes
 TOC @ SURF by

7" OD 24 # Thd
 Gr. _____ Csg
 set @ 3778' w/ 250 sz
 Cmt Circulated? NO
 TOC @ 2241' by CALC.

Date Completed 2/37
 Initial Formation Eunice Monument
 From: 3778' to 3888' GOR 9394
 Initial: Production ☒ 528 bopd 0 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

OH 3778-3888 NATURAL

Subsequent Workover or Reconditioning:

1/49 - Install Ppg equip
 6/52 - Acid w/ 12000 gal 15% HCL test 9180/918WPD
 6/53 - Acid w/ 4000 gal 15% HCL test 080/08W.
 2/55 - PB to 3851'
 3/55 - Set cmt ret & sgz w/ 225 sz. D/O to 3840'.
 Frac w/ 10500 gal petrogel. Test 9086/4BW.
 8/58 - Temp Abandon
 4/69 - Re-enter. PB to 3822', put on pump.
 Test 480/276BW.
 2/72 - Acid w/ 1500 gal 15% HCL. Test 2580/1038W/71met
 12/75 - String shot OH & Acid w/ 2100 gal 15% HCL
 2/83 - Scale squeezed OH

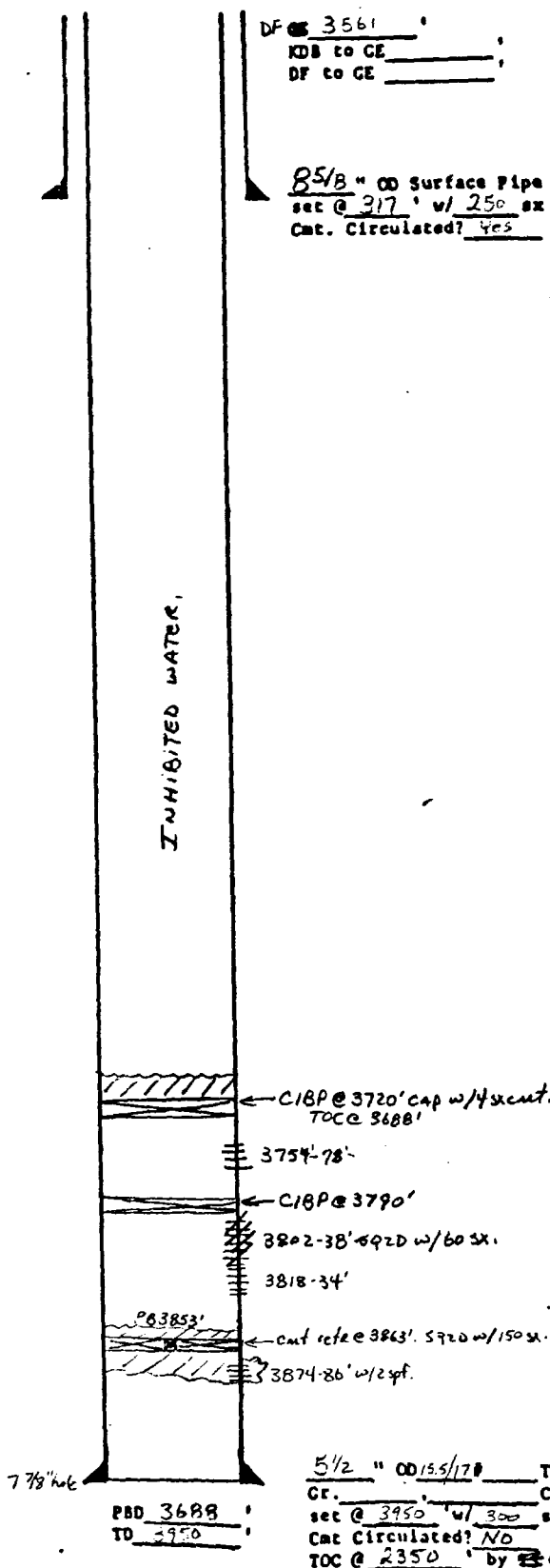
Present Inj. ☐ bupd @ psi Date
 Present Prod. ☒ 2 bopd 59 bupd Date 7/79
 GAS 2 MCFPD

Remarks Or Additional Data:

PBD 3822
 TD 3888

WELL DATA SHEET

LEASE & WELL NO. State E # 2Y FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 330 FEET FROM North LINE AND 330 FEET FROM West LINE
 SECTION 13, T20S, R36E, Unit D COUNTY Lea OPERATOR Shall Westhew ELP



Data Completed 10-24-57
 Initial Formation Grayburg
 From: 3754 to 3778 COR
 Initial: Production ☒ 30 bopd 131 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:
Perf 3874-86 w/2.5pf, Trt w/250gal 7 1/2 HCL.
Sub 100% wtr. Set cmt @ 3863'. 5720 w/150sx. PA to 3853'
Perf 3754-78'. 3802-38 w/2.5pf. Trt w/200gal 15% HCL.
Sub 100% wtr. Set cmt @ 3795'. 5720 w/60sx. TOC @ 3787'
D/D to 3853'. Perf 3818-34 w/4.5pf. Trt w/500gal 15% HCL.
Set CIBP @ 3790'.

Subsequent Workover or Reconditioning:

3/61 - Trt pump 3754-78' w/2000 gal 15% HCL.
Test 10 BOP/142 BW. GOR 1770
10/62 - Acid Petrofina pump 3754-78 w/3000 gals.
Test 1760/200 BW.
3/64 - String shot pump, Acid w/1500gal NCFER.
4/67 - POH w/469, T/A 4-16-67
2/86 - Set CIBP @ 3720' Cap w/4sx cmt. PA
to 3688'. Circ. inhibit wtr. T/A'd.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

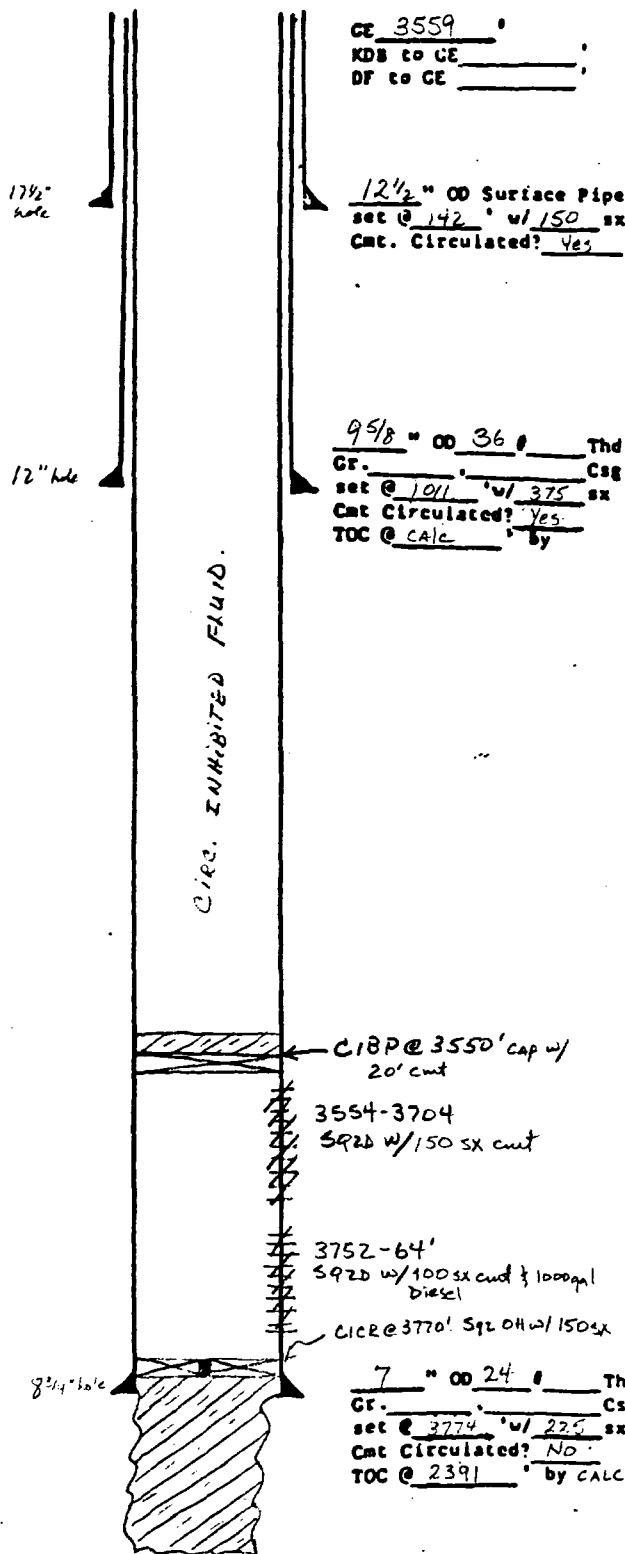
Remarks Or Additional Data:

5 1/2\" OD 15.5/17# Thd
 Cr. Csg.
 Set @ 3950 w/ 300 sx
 Cmt Circulated? NO
 TOC @ 2350 by CALC.

EMSU #869

WELL DATA SHEET

LEASE & WELL NO. State E # 2 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 660 FEET FROM North LINE AND 660 FEET FROM West LINE
 SECTION 13, T20S, R36E Unit D COUNTY Lea OPERATOR Shall Western E&P



Date Completed 5/37
 Initial Formation Eunice Mon. Evap
 From: 3774 to 3884 COR -
 Initial: Production ☒ N/A bopd - bupd -
 Or: Injection ☐ - bupd @ - psi
 Completion Data:
Well DST'd 3709-74' open 9 min Flow
1.5 mmcf/g, no oil or water.
Completed Natural - OH 3774-3884'

Subsequent Workover or Reconditioning:
7/42 - Perf 3554-3704' w/ 17HPF. Sqzd w/ 173x
cmt. Ramped to TD, dump 110 gal pea gravel. Cap w/
Cal Seal. Perf 3554-3704' w/ 18 holes. Test 70A@1228w/ 467602
6/56 - Sqz perf 3554-3704' w/ 150 sx cmt.
Sqz OH w/ 75 sx DOC. Frac tft w/ 10000 gal Attagel
w/ 1 ppq sd. Sub 2 hrs 6080/1228w.
1/56 - Sqzd OH 3774-3884' w/ 150 sx cmt. Perf 3752-64'
w/ 4 BHPF. Acid w/ 1000 gal 15% MCA. Tftd w/ 50 sx
cmt and 500 gal Diesel. Tftd w/ 500 gal Diesel. 50 sx
cmt. Frac w/ 5000 gal Frac oil & 1 ppq sd. SI.
3/85 - Set CIBP @ 3550'. Cap w/ 20' Ant. Circ
while wte. Well T/A'd.

Present Inj. ☐ bupd @ - psi Date -
 Present Prod. ☒ N/A bopd - bupd Date -
 GAS - MCFPD -

Remarks Or Additional Data:

PBD 3530 7/16"
 TD 3884"

FMSU*879 w/c

WELL DATA SHEET

LEASE & WELL NO. _____ State "E" #4 FIELD/POOL Eunice Monument Area DATE 6-13-90LOCATION 1980 FEET FROM NORTH LINE AND 680 FEET FROM West LINESECTION 13, T20S, R36E Unit E COUNTY Lea OPERATOR Shell Western E&PCE 3553
KDB to CE _____
DF to CE 9Date Completed 9-24-37
Initial Formation Granular
From: 3712 to 3887 GOR 3210
Initial: Production ☒ 1710 bopd ☐ bupd
Or: Injection ☐ bupd ☐ psi
Completion Data:Completed OH 3712-3887 Natural13 " OD Surface Pipe
set @ 134 ' w/ 150 sx
Cmt. Circulated? Yes9 5/8 " OD 36 " Thd
Gr. _____ Csg _____
set @ 1040 ' w/ 325 sx
Cmt Circulated? No
TOC @ 81 ' by CALC.

Subsequent Workover or Reconditioning:

2/45 - Ran & cased 5" liner @ 3867 w/ 60 sx.
TOC @ 3662. Perf 3795 - 3840 w/ 4 spf (180 holes). Acid
w/ 750 gal 15% acid. Test 8180 / 60R = 980.
12/49 - Install Rod Pump
3/64 - String spot perf interval. Acid w/ 1500 gal 15%
Test 4980 / 20 BW.
6/71 - Acid w/ 3000 gal 15%. Trtd w/ 1500 gal thickener
w/ 750 " BAF + 1500 # 60 R. Test 5080 / 4980.
9/76 - Acid w/ 2400 gal 15% NCA & 50 gal 50 gal.
1/78 - Acid w/ 1500 gal 15% NCA
3/80 - Scale Inhibitor
2/84 - Acid w/ 1000 gal 15% HCL
2/88 - Acid w/ 1000 gal 15% HCLPresent Inj. ☐ bupd @ _____ psi Date _____
Present Prod. ☐ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data:

7 " OD 24 " Thd
Gr. _____ Csg _____
set @ 3712 ' w/ 225 sx
Cmt Circulated? No
TOC @ 2329 ' by CALC.3795-3840
w/ 4 JHPF.5" Liner set @ 3867 w/ 60 sx cut.

17 1/2" hole

12 1/4" hole

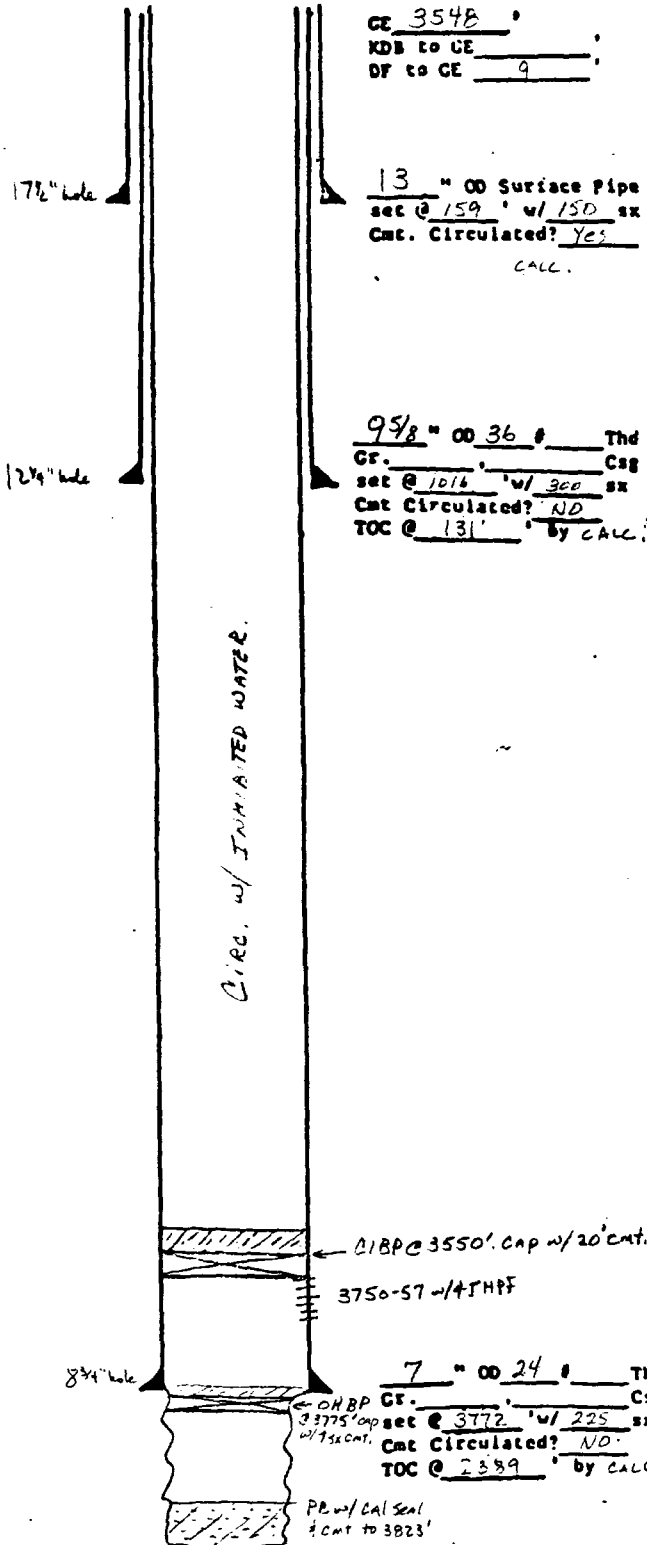
8 3/4" hole

Line top @ 3662

EMSU # 880

WELL DATA SHEET

LEASE & WELL NO. _____ STATE 'E' # 3 FIELD/POOL Eunice Monument Brn DATE 6-19-90
 LOCATION 1980 FEET FROM North LINE AND 1980 FEET FROM West LINE
 SECTION 13, T-20-S, R36E UNIT F COUNTY Lea OPERATOR Shell Western E&P



Date Completed 7-5-37
 Initial Formation Grauburg
 From: 3772 to 3882 GOR 12260
 Initial: Production ☒ 1410 bopd 0 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:
DST-3707-72, 5 min gas rate 4 MMCFAD.
Comp. OH 3772-3882 Natural

Subsequent Workover or Reconditioning:
2/42 - Set wtr pkc @ 3855'
4/43 - PR w/ Cal Seal & Cmt to 3823'
9/53 - Set OH Bridge plug @ 3775' & CDP w/ 1 1/2 inch Cal
Seal. Perf 3750-57 w/ 4THPF. Acid perf w/ 400 gal
MCA, SWB 14 hrs Rec. 189 BW. SI.
7/75 - Acid w/ 1000 gal 20% MCA. Test 0.80/27.8 BWP
well SI
2/85 - Set CIBP @ 3550'. Cap w/ 20' Cmt. Circ.
inhibited water. well T/A'd.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☒ TIA bopd bupd Date
GAS MCFPD

Remarks Or Additional Data:

PBD 3530'
 TD 3882'

Replace #1 Well will be
EMSA 881 w/c

WELL DATA SHEET

LEASE & WELL NO.

STATE K #1

FIELD/POOL Eumont Y.T.R. Q

DATE 6-20-90

LOCATION

1980

FEET FROM

South

LINE AND

1980

FEET FROM

West

LINE

SECTION

13, T20S, R36E Unit K

COUNTY

Lea

OPERATOR

Texaco

CE 3558'

KDB to CE

DF to CE

Date Completed

7-18-37

Initial Formation

Eumont Y.T.R. Q

From:

3790

to

3878

GOR

201

Initial: Production

1872

bopd

bopd

psi

Or: Injection

bopd

psi

Completion Data:

Acid OH w/ 2000 gal. reg. acid

13" OD Surface Pipe

set @ 200' w/ 200' sx

Cmt. Circulated? Yes

CALC.

9 5/8" OD 36'

Gr.

Csg

set @ 2432'

w/ 700' sx

Cmt. Circulated? NO

TOC @ 368' by CALC.

Subsequent Workover or Reconditioning:

11/42 - Install formation pke to reduce wte.

9/47 - Ran 5" liner. Top @ 3787' hme 3878' cmt'd

w/ 50' sx cmt. Perf 3849-51, 3846-48, 3851-56. Acid

w/ 500 gal. Reg. acid. Flowd 3680 GOR 13957.

Sqzd perf 3846-56 w/ 88' sx. D/O. Acid 3846-56

w/ 500 gal. reg. acid. Sqzd perf w/ 60' sx. Test liner

OK. Perf 3810-15'. Acid w/ 500 gal. reg. acid. Plug

at perf 3810-15' w/ 15 gal. plastic. Test OK.

Perf 3797-3805 w/ 60' sx. Acid w/ 500 gal. Put

on pump.

6/49 - Set CIBP @ 3721'. Perf 3240-3440' w/

1 spf (Q max). Test 1.7 MCFPD. Eumont Gas.

11/50 - CAOP 4 RND NCF

3240-3440'

w/ 1 spf

Eumont Gas.

CIBP @ 3721'

7" OD 24'

Gr.

Csg

set @ 3790'

w/ 350' sx

Cmt. Circulated? NO

TOC @ 1639' by CALC.

3797-3805'

3810-15 sqzd w/ 15 gal plastic.

3846-48

3849-51 } sqzd w/ 60' sx

3851-56

5" Liner @ 3878' TOC @ 3787'

Cmt'd w/ 50' sx.

PB 3721'

TD 3878'

Present Inj. ☐

bopd @

psi Date

Present Prod. ☐

bopd

bopd Date

CAS

MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. Enid 882 Graham STATE NCT H#1 FIELD/POOL Enid Monument DATE 6-18-90
 LOCATION 1980 FEET FROM South LINE AND 660 FEET FROM West LINE
 SECTION 13-T-20S-R-36-E Unit L COUNTY Lea OPERATOR Chevron

CE 3557
 KDB to CE _____
 OF to CE _____

Date Completed 8-14-37
 Initial Formation Grayburg
 From: 3769 to 5885 GOR _____
 Initial: Production ☒ 58 bopd .6 % bupd
 Or: Injection ☐ bopd @ _____ psi
 Completion Data: _____

10 3/4 " OD Surface Pipe
 set @ 240 ' w/ 185 sx
 Cmt. Circulated? Yes

8-17-37 Acidz w/ 2000 Gals 14%

Subsequent Workover or Reconditioning:

7 5/8 " OD 26.4 # _____ Thd
 Cr. _____ Csg _____
 set @ 2435 ' w/ 800 sx
 Cmt Circulated? Yes
 TOC @ Surface by CALC

4-69 Acidz w/ 1750 Gals. 15%
NEA. Install ppq equip.

2-83 Acid dump Job w/ 1100
 Gals 15% Fohib.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

5 1/2 " OD 17 # 10 Thd
 Cr. _____ Csg _____
 set @ 3769 ' w/ 195 sx
 Cmt Circulated? No
 TOC @ 1833 ' by _____

PBD
 TD 3885

Emsw. 893 w/c

WELL DATA SHEET

LEASE & WELL NO. RR Bell Nct 'B' #2 FIELD/POOL Eunice Monumt DATE 6-19-90
 LOCATION 660 FEET FROM South LINE AND 1980 FEET FROM East LINE
 SECTION 13-T-203-R-36E 14140 COUNTY Lea OPERATOR Chevron

CE 3551
 KOB to CE _____
 DF to CE _____

Date Completed 5-22-37
 Initial Formation Grayburg
 From: 3765 to 3890 GOR 1885
 Initial: Production ☒ 105 bopd 0 bupd
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

10 3/4 " OD Surface Pipe
 set @ 259 ' w/ 175 sx
 Cmt. Circulated? Yes
 By CALC

5-21-37 Acid w/ 2000 Gals

Subsequent Workover or Reconditioning:

7 5/8 " OD 2.4 " Thd
 Cr. _____ Csg _____
 set @ 2452 ' w/ 800 sx
 Cmt. Circulated? Yes
 TOC @ Surface by CALC

6-6-50 - Acid w/ 1000 gal reg acid

3-11-52 - Acid w/ 2000 gal reg acid

8-31-61 CI & TA'd

6-8-62 Run rods & pump, install
 Pumping unit.

4-4-74 SQZ w/ 165 Gals SP-203

2-11-81 Pump acid & Chem. SQZ
 750 Gals double inhp acid flushed
 w/ 125 ABLS 8.6 Kill fluid, SQZ w/ 100 Gals, SP-219.

4-22-82 Pump acid Job 1000 Gals
 15% NE, DI, HCL, flush w/ 30 ABLS
 8.6 Brine.

11-22-82 SQZ w/ 165 Gals SP-260
 w/ 5 Gals, RP 233.

5-25-83 SQZ w/ 165 Gals SP-260.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2 " OD 17 " 10 Thd
 Cr. _____ Csg _____
 set @ 3736 ' w/ 195 sx
 Cmt. Circulated? No
 TOC @ 1820 ' by CALC

PBD _____
 TD 3876

Replacement well will be
EMSH 894

WELL DATA SHEET

LEASE & WELL NO. R P Bell No 6 #1 FIELD/POOL Eumont YTRQ DATE 6-18-90

LOCATION 660 FEET FROM South LINE AND 660 FEET FROM East LINE

SECTION 13-7-20S-R-36E Unit P COUNTY Lea OPERATOR Chevron

CE 3550

KDB to CE

DF to CE

Date Completed 4-2-37

Initial Formation Goathburg

From: 3773 to 3875 GOR

Initial: Production ☒ 1235 bopd 0 bupd

Or: Injection ☐ bupd 0 psi

Completion Data:

103/4 " OD Surface Pipe
set @ 289 ' w/ 175 sz
Cmt. Circulated? Yes

4-25-37 Acidz w/ 2000 Gal/s.

Subsequent Workover or Reconditioning:

3-26-37 Acidz Bottle Slope Test.

2 5/8 " OD 2640 # Thd
Gr. Csg
set @ 2435 ' w/ 325 sz
Cmt Circulated? NO
TOC @ 1037 ' by CALC

4-56 Dual Completion.

Acidz w/ 1000 Gal/s.

Acidz w/ 2000 Gal/s.

Perf 3350-3362' 3368-3428' 3462-3478'

3488-3502 3506-3516' Wash Perfs

3516-3462' w/ 500 Gal/s.

Treat formation thru 2 7/8 log 5 1/2 csg.

Perf 3516-3462' w/ 5000 Gal/s #1

Sand 502 w/ 10 Gal/s Colseal to

3842' 12 Gal/s Hydromite to 3830'

4-74 Acidz w/ 1000 Gal/s.

5-83 Acidz w/ 6000 Gal/s.

4-84 Acidz w/ 2000 Gal/s.

8-85 T&H Finance Monument PDM

w/ prod. equip. set CIBP @ 3732'

3350-3362' w/ 2 1/2" THPF
3368-3428'
3462-3478'
3488-3502'
3506-3516'

CIBP @ 3732'

Present Inj. ☐ bupd @ _____ psi Date _____

Present Prod. ☐ bopd _____ bupd Date _____

GAS _____ MCF PD _____

Remarks Or Additional Data: _____

5 1/2 " OD 17 Thd
Gr. Csg
set @ 3777 ' w/ 195 sz
Cmt Circulated? NO
TOC @ 1835 ' by CALC

PB 3830

Hydromite

PBD 3830

TD 3895

EIR 311 870 WIC

WELL DATA SHEET

LEASE & WELL NO. Sanderson A #7 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 660 FEET FROM North LINE AND 660 FEET FROM East LINE
 SECTION 14-T-203-R-36E Unit A COUNTY Lea OPERATOR Conoco

CE _____
 KDB to CE _____
 DF to CE 3566

Date Completed 7-6-37
 Initial Formation GRAYBURG
 From: 3779 to 3896 COR _____
 Initial: Production ☒ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ bupd _____ psi _____
 Completion Data: _____

10 3/4 " OO Surface Pipe
 set @ 270 ' w/ 250 sz
 Cmt. Circulated? yes

Completed OH natural

7 5/8 " OO _____ Thd
 Gr. _____ Csg _____
 set @ 1109 ' w/ 360 sz
 Cmt. Circulated? yes
 TOC @ Surface by CALC.

Subsequent Workover or Reconditioning:

9167- Acid w/ 500 gal 15% scale inhibitor
10-72 Set PRR @ 3730' Acid
w/ 1500 Gal 15% HCL NE. Traced
OH 3780'-3896'

1-82 MZRU 5181 string shot
OH from 3785-3875' w/ 190' string
shot. Perf 3610-3769' w/ 2 JSPE, overall
Acid OH w/ 150 BBL 15% HCL
NE- FE, Swab.

= 3610-12'
 = 3633-37'
 = 3704-06'
 = 3712-18'
 = 3730-39'
 = 3765-69'

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

5 1/2 " OO 17 Thd
 Gr. _____ Csg _____
 set @ 3779 ' w/ 425 sz
 Cmt. Circulated? yes
 TOC @ Surface by CALC.

Remarks Or Additional Data: _____

P8D _____
 TD 3896

WELL DATA SHEET

LEASE & WELL NO. Sanderson A*8 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 330 FEET FROM North LINE AND 1650 FEET FROM East LINE
 SECTION 14-780S R-36E Unit B COUNTY Lea OPERATOR Conoco

CE _____
 KDB to CE _____
 OF _____ 3571

Date Completed 8-20-37
 Initial Formation Granular
 From: 3770 to 3875 COR _____
 Initial: Production ☒ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ psl _____
 Completion Data: _____

10 3/4" OD Surface Pipe
 set @ 224 ' w/ 225 sx
 Cnt. Circulated? Yes

Comp. Natural CH

7 5/8" OD 26.4 Thd
 Gr. _____ Csg _____
 set @ 1128 ' w/ 425 sx
 Cnt. Circulated? Yes
 TOC @ Surf by CALC.

Subsequent Workover or Reconditioning:

4145 - Set 4" Line 3875-3735. Cal w/ 455x. Perf 3852-56 58-62, 64-70 w/ 44pf. Acid w/ 50

2-67 String shot perfs 3852-3870
Acid perfs 3852-3870 w/ 2000 Gal
15% 25TNE. Test 2mp 70 BO,
QWTR, 31 MCF G.

2-81 Perf 3690'-3696' 3765'-3769'
3772'-3794' 3829'-3832' 3852-3856
3858-3862' 3864'-3870' w/ 2 JSPF
Acid w/ 2500 Gal 15% HCL-NE
Swab, Test 76 BO, 29 BW, 24 MCF.

2-83 CO 3857'-3861. Spotted 150
Gal 15% HCL-NE-EE @ 3860' 140'
w/ 4 JSPF @ 3691-96' & 3765-69'
Acid w/ 30 BALS 15% Acid
Swab, 240.6, w/ 1 Drum Chem. in
25 BALS TFW. Pmp 73 BO, 51 BW,
120 MCF in 24 hr. (Re-Test same
interval).

11-84 Test fill P 3858' spot 4 BALS
15% HCL-NE-EE over interval
3856'-3858' chem. spot. Acid interval
3690'-3858' w/ 54 BALS 15% HCL-NEFE
Pmp 73 BO, 110 BW, 170 MCF in 24 hr.

11-86 CO to 3864' spot 4 BALS
acid 3853'-3858' Perf 3690'-96'
3710'-14' 3765'-69' 3792'-94' 3829-32'
3852-56' Test 69 BO, 103 BW, 87 MCF.

3690-96 w/ 21pf

3710-14 w/ 25pf

← TOC 3735'

3765-69 w/ 25pf

5 1/2" OD _____ Thd
 Gr. _____ Csg _____
 set @ 3770 ' w/ 425 sx
 Cnt. Circulated? Yes
 TOC @ Surf by CALC.

3792-94'

3829-32

3852-56

3858-62

3864-70'

4" Line set @ 3875. TOC @ 3735'

Cont'd w/ 655x

Present Inj. ☐ bupd @ _____ psl Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data: _____

Emsu 872 w/c

WELL DATA SHEET

LEASE & WELL NO. Sanderson A¹¹ FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 330 FEET FROM North LINE AND 2310 FEET FROM West LINE
 SECTION 14-T-20S-R-36E UNIT C COUNTY Lea OPERATOR Conoco

CE 3573
 KDB to CE _____
 DF to CE _____

10 3/4 " OD Surface Pipe
 set @ 250 ' w/ 225 sx
 Cnt. Circulated? Yes

7 5/8 " OD _____ Thd
 Gr. _____ Csg
 set @ 1185 ' w/ 425 sx
 Cnt Circulated? Yes
 TOC @ Surf ' by CALC

Date Completed 11-14-37
 Initial Formation Grayburg
 From: 3750 to 2270 COR 1342
 Initial: Production ☒ 1030 bopd bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

Completed OH Natural

Subsequent Workover or Reconditioning:

12/87 - Acid w/ 500g gal reg acid.
2-67 String shot over parts
3790-3873'. Hcd = 1217x 3790-
3873 #11500 Gals 1570 ESTNE.
Test PMP 64 BO, 107 BW, 271
MCFG.

3-82 CO to 3870' fire shot string
w/CEL 20' below 57 1/2" CSG shoe
@ 3750'. CO to 3873'. Test OH.
PMP 120 BALS 1570 HCL-NE-FE.
Test, 12 BOPD, 25 BW PD.

7-85 CO Bridge 3798'-3810'
Screen fill out to 3873'. PBD -
Run 5-10 stds of 100 grain string
shot = shoot OH from 3760-3870'.
CO 3860'-3873' Hcd = OH sec. w/24
BALS HCL, sub. Pmpd scale 507
in OH sec. Run acid equip. Pmpd
21 BO, 155 BW, 67 MCF.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

5 1/2 " OD 17 Thd
 Gr. _____ Csg
 set @ 3750 ' w/ 425 sx
 Cnt Circulated? Yes
 TOC @ Surf ' by CALC

PBD
 TD 3873'

WELL DATA SHEET

Ems4 873
 LEASE & WELL NO. Sanderson AB14' #1 FIELD/POOL Eumant 47RD DATE 6-21-90
 LOCATION 330 FEET FROM North LINE AND 660 FEET FROM West LINE
 SECTION 14-7-20S-36-E Unit D COUNTY Lea OPERATOR Conoco

CE 3575

KDB to CE

DF to CE

Date Completed 1-24-39Initial Formation Eumant Oil (Penrose)From: 3751 to 3792 CORInitial: Production ☒ 50 bopd 67 bupdOr: Injection ☐ bupd @ 0 psi

Completion Data:

Natural Completion

10 3/4 " OD Surface Pipe
 set @ 225 ' w/ 225 sx
 Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

2 3/8 " OD 24.4 # 0 Thd
 Gr. 0 Csg
 set @ 1247 ' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by CALC

2-61 Recompleted from Monument
to Eumant Pool. Test 50 RD.
67 BW, 86 MCF, CO OH to 3809.
Set CMT plug from 3809-3792.
String shot in OH 3756-3787.
Set PRR @ 3726. Spotted 200
Gals Gyp sol in OH sec. 3751-3792.
Circ. out Gyp sol. Spotted 200 Gals
15% NE-HCL over OH 3751-3792.
Acid OH 3751-3792 w/ 1300
Gals 15% NE-HCL.

8-78 Perforated OH 3755'-67 3793'-
70' w/ 1 SSPE. Acid w/ 1250
Gals 15% NE-HCL

Present Inj. ☐ bupd @ 0 psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

5 1/2 " OD 17 # 0 Thd
 Gr. 0 Csg
 set @ 3751 ' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by CALC

PBD 3792

PBD 3792
 TD 3800

Dry Hole
T/A

WELL DATA SHEET

Dry hole

LEASE & WELL NO. SANDERSON 'AB-14' #2 FIELD/POOL Undesignated DATE 6-22-90
LOCATION 660 FEET FROM NORTH LINE AND 640 FEET FROM WEST LINE
SECTION 14 - T20S-R36E Unit D COUNTY LEA OPERATOR CONOCO

DE 3585'

KDB to GE _____
DF to GE _____

Date Completed Drid 1961 (not completed)

Initial Formation _____

From: _____ to _____ GOR _____

Initial: Production ☐ bopd _____ bupd _____

Or: Injection ☐ bupd @ _____ psi

Completion Data: _____

13 3/8" OD Surface Pipe
set @ 347' w/ 375' ex
Cmt. Circulated? yes - cmt.

Drilled to 8656. DST'd Abo + Clearfork
unsuccessfully.

Well Not Plugged - Temp. Abandoned.
12-16-61.

Subsequent Workover or Reconditioning:

Present Inj. ☐ _____ bupd @ _____ psi Date _____
Present Prod. ☐ _____ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data: _____

9 5/8" OD 40 # 2nd Thd
Gr. H-40, J-55 Csg.
set @ 4240' w/ 700' ex
Cmt. Circulated? NO
TOC @ 2175' by M.C. Alc.

WELL DATA SHEET

Ems4875 wic
 LEASE & WELL NO. Sanderson B14 #4 FIELD/POOL Eumont 47RQ DATE 6-22-90
 LOCATION 1650 FEET FROM NORTH LINE AND 990 FEET FROM WEST LINE
 SECTION 14-T-20S-R-36E UNIT E COUNTY Lea OPERATOR Conoco

GE 3577
 KDB to CE
 OF to CE

Date Completed 3-20-39
 Initial Formation Queen Penrose
 From: 3749 to 3827 GOR 1579
 Initial: Production ☒ 520 bopd bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

10 3/4 " OD Surface Pipe
 set @ 257 ' w/ 225 sx
 Cmt. Circulated? YES

Acid OH w/ 1000 gal Reg. acid

Subsequent Workover or Reconditioning:

2 5/8 " OD 2640 Thd
 Cr. Csg
 set @ 1271 ' w/ 425 sx
 Cmt Circulated? YES
 TOC @ Surface by CALC

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

5 1/2 " OD 17 Thd
 Cr. Csg
 set @ 3749 ' w/ 425 sx
 Cmt Circulated? YES
 TOC @ Surface by CALC

PBD
 TD 3827

EMSA 876

WELL DATA SHEET

LEASE & WELL NO. Sanderson A#15 FIELD/POOL Furice Monument DATE 6-21-90
 LOCATION 1650 FEET FROM North LINE AND 2310 FEET FROM West LINE
 SECTION 14-T-20S-R-36E Unit F COUNTY LEA OPERATOR Conoco

GE _____
 KDB to GE _____
 DF to GE 3523

Date Completed 6-3-38
 Initial Formation Grayburg
 From: 3640 to 3673 GOR 787
 Initial: Production ☒ 525 bopd _____ psi
 Or: Injection ☐ bopd _____ psi
 Completion Data:

Completed at natural.

10 3/4" OD Surface Pipe
set @ 249' w/ 225 sz
Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

7 5/8" OD _____ Thd
Gr. _____ Csg
set @ 1020' w/ 425 sz
Cmt Circulated? Yes
TOC @ Surface by CALC:

10-10 Set 4 1/2" DD Liner @
3873' TOL @ 3680' cmt w/ 150
sz. Perforated Liner from
3823-27' 3831-37' 3843-47'
3858-68' Treated w/ 1000' Gals
15% LSTNEA

5-81 CD to 3873' Perf w/ 2 1/2 SPF,
3643-48' 3681-86' 3696-3700'
3721-24' 3726-30' 3747-52' 3767-69'
3818-27' 3831-37' 3858-68' Acid
w/ 100' BOLS 15% HCL. Sweep,
Test 5 BQ, SR BW 51 MEF.

3643-48'
3681-86'
3696-3700'
3721-24
3726-30
TOL @ 3680'

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

3747-52'
3767-69'
3818-27'

5 1/2" OD _____ Thd
Gr. _____ Csg
set @ 3740' w/ 425 sz
Cmt Circulated? Yes
TOC @ Surface by CALC

3823-27
3831-37
3843-47'
3858-68

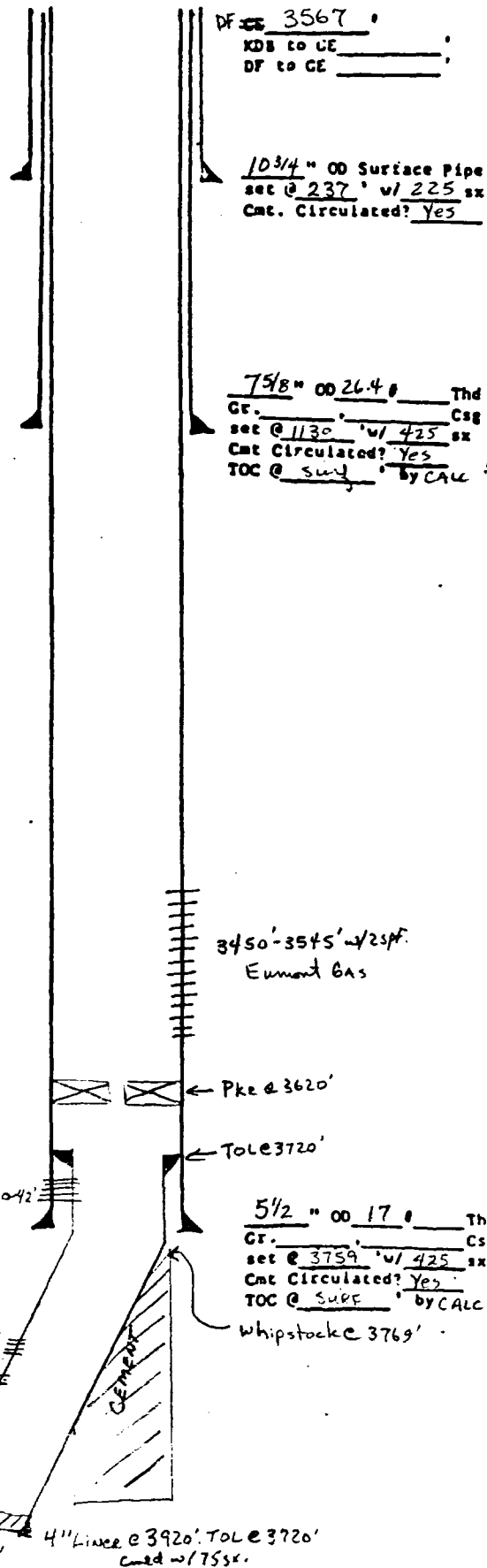
4" Liner set @ 3873
TOL @ 3680'
Cmt w/ 150 sz.

3873

Ems4877 w/c

WELL DATA SHEET

LEASE & WELL NO. SANDERSON 'A' #13 FIELD/POOL Eumant Monument / Eumant Y7E9 DATE 6-21-90
 LOCATION 1650 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 14, T20S R36E Unit G COUNTY Lea OPERATOR Conoco



Date Completed 1-26-38
 Initial Formation Grayhires
 From: 3759 to 3867 GOR 1060
 Initial: Production ☒ 432 bopd bupd
 Or: Injection ☐ bupd psi
 Completion Data:
Corp OH Well

Subsequent Workover or Reconditioning:

1/51 - Deepened to 3915'. Set liner on btm. Bit i
 reamer lost in hole @ 3788'. SI
 6/53 - Drilled bit win to 3787'. Set whipstock @ 3769' D/O
 to 3920. Set 4" liner @ 3720. TOL @ 3720. Cntd w/ 75 sz.
 Perf 3886-3910' IP - 3280 / 1 PW 12 hrs. GOR - 364.
 9/56 - Perf 3834-44, 3864-72 w/ 4THPF. Trtd w/ 1500 gal acid.
 acid. Perf 3808-18 w/ 4THPF. Trtd w/ 500 gal acid. Perf 3450-
 3545 w/ 2 1/2" IP. Trtd w/ 500 gal acid. 12000 gal 1st w/ 1000 gal
 1000 gal. 6th test 6780 flow GOR 2004. Eumant CAFE
 11.75 MMCF. Dual Eum. Man. / Eumant Gas

1/84 - L/O to 3915'. Spot 3 bbl 15% 3730-3910'.
 Perf 3730-40, 3782-90, 3808-18, 3834-44, 3870-20,
 3886-3910' w/ 2 1/2" IP. Acid w/ 144 Bbls. 15% acid
 Inhibit for scale. Set pvc @ 3620'. 6th test 1500/
 6000 w/ 34 MCF.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

Ems 878

WELL DATA SHEET

LEASE & WELL NO. Sanderson A#9 FIELD/POOL Furnace Monument DATE 6-22-90
 LOCATION 1980' FEET FROM North LINE AND 660 FEET FROM East LINE
 SECTION 14, T20S, R36E Unit H COUNTY Lea OPERATOR Conoco

DF 3565'

KDB to CE

DF to CE

Date Completed 10-14-37Initial Formation GrayburgFrom: 3750' to 3865' GOR 3333Initial: Production ☒ 72 bopd ☐ bupdOr: Injection ☐ bupd ☐ psi

Completion Data:

Comp OH natural

10 3/4" OD Surface Pipe
 set @ 255' w/ 225' ex
 Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

7 5/8" OD 26.4 # Thd
 Gr. Csg
 set @ 1113' w/ 425' ex
 Cmt. Circulated? Yes
 TOC @ Surf by Calc.

9/47 - Set 4" liner @ 3865', Perf 3849-56, 3820-26, 3820-58 w/ 8 spf. Acid w/ 2000 gal reg. Test 1550 bopd.
12/54 - Tbg pulled, Fished to 3762', Shop made plr in line @ 3814' w/ tail pipe.
5/55 - DID 4" liner to 3802' face tbg to Top of plr. Stuck WD. stuck @ 3740'.
8/56 - C/O to 3777', PR to 3736 w/ cmt. D/O to 3765', Set whipstock @ 3765', Drd new hole to 3905'. Set 4" liner @ 3904', TOC 3700', Cmt @ 75 ex, Perf'd 3888-3902 w/ 4 spf. Acid w/ 2000 gal. Set CIRPO 3880', Perf 3866-3874 w/ 4 spf. Acid w/ 2000 gal. Test 240 bopd 59 met.
8/56 - Install Ppg unit.
10/72 - Acid pump w/ 2000 gal 15% NEFA & se. inhibit.
10/81 - DID CIRPO 3820 & push to botm. Acid pump w/ 50 bbl. 15% NEFA. Test 180/46 BW.
6/82 - Spot 3661. 15% NEFA. Perf 3697-3702, 3764-68, 3796-3800, 3836-52, 3864-72, 3889-3900. Acid w/ 72 bbl. 15% NEFA. Test 380/62 BW/25 met.
3/81 - Pbw'd & Cal seal to 3715', Perf 3652-92. Acid w/ 40 bbl. 15% HCL & 15% Xylene. Test 1002 wtr. Spd pump w/ cmt. C/O to 3898', Perf 3695-3885. Acid w/ 150 bbl. 15% HCL. Enh bit. Put on pump.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

Perfs
3695'-
3885'

3652-92' 692D w/
N/A cmt.

TOC @ 3700'

5 1/2" OD 17 # Thd
 Gr. Csg
 set @ 3750' w/ 425' ex
 Cmt. Circulated? Yes
 TOC @ Surf by Calc.

Whipstock @ 3765'
Cement filled to TD.

Shop made plr @ 3814'

3820-38'

3849-56'

4" Liner @ 3865'. Drd & whipstock
@ 3765'

TD 3865'

3888-3902' PB 3878

PR to 3865'

4" Liner
@ 3765'

LEASE & WELL NO. Sanderson A10 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 1980 FEET FROM South LINE AND 660 FEET FROM East LINE
 SECTION 14-T-203-R-36E Unit I COUNTY Lea OPERATOR Conoco

CE _____
 KDB to CE _____
 DF to CE 3560

Date Completed 11-9-37
 Initial Formation Grayburg
 From: 3740 to 3909 COR 10181
 Initial: Production ☒ 528 bopd bupd
 Or: Injection ☐ bupd ☐ psi
 Completion Data:

Completed OH Natural

10 3/4 " OD Surface Pipe
 set @ 258 ' w/ 250 sz
 Cmt. Circulated? YES

4-49 Twd. to 3920 Set 220 of 4" SECURALLY
 LINER @ 3920 Perforated 3902-14, 3892-24, 3885-87,
3876-82, 3870-74, 3855-64, 3852-55, & 3834-41 w/
95% Acid w/ 3000 gals. NEA. Set Hdr @ 3868 w/
65% on top.

Subsequent Workover or Reconditioning:

7 5/8 " OD _____ Thd
 Gr. _____ Csg
 set @ 1138 ' w/ 425 sz
 Cmt Circulated? YES
 TOC @ Surface by CALC

1-68 String shot 3834-3841
3852-3855 & 3858-3864; Treated
 w/ 400 Gals Gyp sol, 400 Gals
15% NE HCL, 1 drum calgon,
20 BALS WTR.

12-81 Pushed CMT Retainer to
 TD. CO to 3909 Perforated 12-35 PF
 @ 3743-3751, 3755-3763, 3780-3782,
3790-3794, 3834-3849, 3858-3864,
3878-3882, 3893-3899 Acid w/ 150
 BALS 15% HCL - NE FE. Test 5 BOPD,
25 BWPD, 138 MCFPD.

12-83 CO scale from 3880-3899;
 spot acid from 3720-3899. Perforated
 @ 3743-3751, 3755-3763, 3780-3782,
3790-3794, 3804-3810, 3827,
3834-3848, 3858-3864, 3878-3882,
3893-3899. Acid perforated w/ 110
 BALS 15% HCL ACID. Test PMP
23 BO, 93 BW, 112 MCF.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

5 1/2 " OD _____ Thd
 Gr. _____ Csg
 set @ 3740 ' w/ 425 sz
 Cmt Circulated? YES
 TOC @ Surface by CALC

5 1/2 " OD _____ Thd
 Gr. _____ Csg
 set @ 3740 ' w/ 425 sz
 Cmt Circulated? YES
 TOC @ Surface by CALC

PBD 3909
 TD 3920

Emsu 884

WELL DATA SHEET

LEASE & WELL NO. Sanderson A#14 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 2310 FEET FROM South LINE AND 1650 FEET FROM East LINE
 SECTION 14-T-20S-R-36E UNIT J COUNTY Lea OPERATOR CONOCO

CE _____
 KDB to CE _____
 DF 3546

Date Completed 3-22-38
 Initial Formation Grayburn
 From: 3740 to 3826 GOR _____
 Initial: Production ☒ N/A bopd _____ bupd _____
 Or: Injection ☐ bopd _____ psi _____
 Completion Data: _____

10 3/4" OD Surface Pipe
 set @ 225' w/ 250 sx
 Cmt. Circulated? YES

Subsequent Workover or Reconditioning:

7 5/8" OD _____ Thd _____
 Cr. _____ Csg _____
 set @ 1164' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by _____

4-47 set 4" Liner @ 3862'
W 150 SX, TOL @ 3702, Perf
3837-46, 3856-60, 3826-29
3817-23, Acqz w/ 1500 GAL
Well Flowed 41 BO, 0 BW in
17 1/2 hrs.

2-69 Pulled stuck TBG. Did not
 recover PER.

7-77 Pumpd 500 bbls 15% NE

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

TOL 3702

5 1/2" OD _____ Thd _____
 Cr. _____ Csg _____
 set @ 3740' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by CALC

Shop made
 pke stuck @
 3799' w/ tailpipe

3817-23
3826-29
3837-46
3856-60

4" Liner @ 3862
TOL @ 3702. Cmt w/
50 SX.

WELL DATA SHEET

Ems 4885 w.c.

LEASE & WELL NO. Sander son B14 #2 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 2310 FEET FROM South LINE AND 2310 FEET FROM West LINE
 SECTION 14-T-205-R-36E UNIT K COUNTY Lea OPERATOR Conoco

CE 3568

KDB to CE

DF to CE

Date Completed 6-3-38Initial Formation GranburyFrom: 5743 to 3208 COR 1114Initial: Production ☒ 384 bopd bupdOr: Injection ☐ bupd @ psi

Completion Data:

10 3/4 " OD Surface Pipe
 set @ 239 " w/ 200 sx
 Cmt. Circulated? Yes

Completed OH natural

Subsequent Workover or Reconditioning:

7 5/8 " OD 264 # Thd
 Gr. Csg
 set @ 1045 " w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by

11-89 Pmpd 23.8 BBLs 15% HCL-
NE-EE. Chemical inhibit 4 1/2 drums
Champion T-130. Pmpd 0.80, 793W
in 24 hrs.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

5 1/2 " OD 17 # Thd
 Gr. Csg
 set @ 3743 " w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by CALC

P80
 TD 3868

Emsu 886

WELL DATA SHEET

LEASE & WELL NO. Sanderson B-14 #5 FIELD/POOL Eumont 47RD DATE 6-22-90
 LOCATION 2310 FEET FROM South LINE AND 990 FEET FROM West LINE
 SECTION 14-T-20S-R-36E Unit L COUNTY Lea OPERATOR CONOCO

CE 3568
 KDB to CE _____
 DF to CE _____

Date Completed 5-26-39
 Initial Formation GUPCO
 From: 3735 to 3843 GOR 2152
 Initial: Production ☒ 184 bopd _____ bopd _____
 Or: Injection ☐ _____ bopd _____ psi _____
 Completion Data: _____

10 3/4 " OD Surface Pipe
 set @ 254 ' w/ 1225 sx
 Cnt. Circulated? YES

Acid OH w/ 2000 gal reg. acid

Subsequent Workover or Reconditioning:

7 5/8 " OD _____ Thd
 Gr. _____ Csg
 set @ 1299 ' w/ 1425 sx
 Cnt Circulated? YES
 TOC @ Surface by CALC

Present Inj. ☐ _____ bopd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

5 1/2 " OD _____ Thd
 Gr. _____ Csg
 set @ 3735 ' w/ 1425 sx
 Cnt Circulated? YES
 TOC @ Surface by CALC

P&D
 TD 3843

WELL DATA SHEET

LEASE & WELL NO. Emsu 888 Sanderson B-14 #3 FIELD/POOL Eumont YTRD DATE 6-22-90
 LOCATION 660 FEET FROM South LINE AND 2310 FEET FROM West LINE
 SECTION 14-T-30S-R-36E Unit N COUNTY Lea OPERATOR Conoco

CE _____
 KDB to CE _____
 DF 3577

Date Completed 2-21-39
 Initial Formation Quaternary
 From: 3734 to 3840 GOR 1929
 Initial: Production ☒ 336 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd _____ psi
 Completion Data:

Completed on Natural

10 3/4" OD Surface Pipe
set @ 255' w/ 225 sz
 Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

7 7/8" OD _____ Thd _____
 Cr. _____ Csg _____
 set @ 1277 w/ 425 sz _____
 Cmt Circulated? Yes
 TOC @ Surface by CALC

5-60 - P.O. to TD
Set 4" Liner @ 4273. Total 3681' Cmt w/ 135 sz cmt. Total
w/ 125 Gals Acid. Swabbed 100% wtr.
SQZ Perfs w/ 250 sz cmt. Perf
4017-27. Treat perfs w/ 125 Gals
acid. SQZ Perf. 4017-27 w/ 75
sz cmt. Perf 3982-88. Treat
Perfs w/ 425 Gals. SQZ perfs
3982-88 w/ 75 sz cmt. Perf
3900-06. Test perfs w/ 425 Gals.
SQZ perfs 3900-06 w/ 75 sz cmt.
Perf 3858-68. Treat 3858-68
w/ 1500 Gals.

5-61 Set CIBP @ 3840. Perf 4"
Liner 3752-54 3780-90 3802-07.
Treated perfs 3752-3807 w/ 10000
Gal Oil, 10000 # sd, 500 # Adomite.

1-75 Shut-In, making 100% wtr.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

TOL @ 3681'

5 1/2" OD _____ Thd _____
 Cr. _____ Csg _____
 set @ 3734 w/ 425 sz _____
 Cmt Circulated? Yes
 TOC @ Surface by CALC

3752-54'
3780-90'
3802-07'
3858-68'
3906-06' SQZ w/ 75 sz
3982-88' SQZ w/ 75 sz
4017-27 SQZ w/ 75 sz
4073-83' SQZ w/ 250 sz

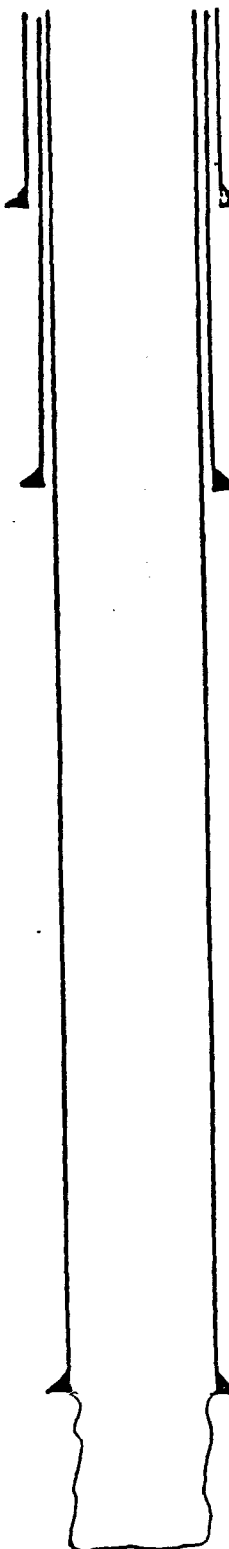
4" Liner set @ 4273'
Total 3681' Cmt w/ 35 sz

CIBP @ 3840'

EMS4889 w.c.

WELL DATA SHEET

LEASE & WELL NO. Sanderson B 14 #1 FIELD/POOL Eunike Monument DATE 6-21-90
 LOCATION 990 FEET FROM South LINE AND 1650 FEET FROM East LINE
 SECTION 14-T-20S-R-36E Unit 0 COUNTY Lea OPERATOR CONOCO



CE 3572
 KDB to CE _____
 DF to CE _____

10 3/4 " OD Surface Pipe
 set @ 249 ' w/ 250 sx
 Cmt. Circulated? YES

7 5/8 " OD 26.4 # Thd
 Cr. _____ Csg _____
 set @ 1192 ' w/ 425 sx
 Cmt Circulated? YES
 TOC @ Surface by CALL

5 1/2 " OD 17 # Thd
 Cr. _____ Csg _____
 set @ 3738 ' w/ 425 sx
 Cmt Circulated? YES
 TOC @ Surface by CALL

Date Completed March 15, 1938
 Initial Formation Grayburg
 From: 3728 to 3872 GOR 505
 Initial: Production ☒ 864 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

Completed OH Natural

Subsequent Workover or Reconditioning:

8-60 Install pumping unit.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

PBD _____
 TD 3872

Emsu 890

WELL DATA SHEET

LEASE & WELL NO. Sanderson 'A' 12 FIELD/POOL Eumont Y7RQ DATE 6-21-90
 LOCATION 660 FEET FROM South LINE AND 660 FEET FROM East LIKE
 SECTION 14-T-20S-R-36E Unit P COUNTY Lea OPERATOR CONOCO

CE 3560
 KDB to CE _____
 DF to CE _____

Date Completed 11-23-37
 Initial Formation Grayburg
 From: 3756 to 3920 GOR _____
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ psi _____
 Completion Data:
10-27 Acid + Frac.

10 3/4" OD Surface Pipe
 set @ 280' w/ 250 sx
 Cmt. Circulated? Yes

Natural OH Completion

Subsequent Workover or Reconditioning:

7 3/8" OD _____ Thd
 Gr. _____ Csg
 set @ 1180' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by ALC

1-31 A 4 3/4" hole was drilled from 3870' to 3890'. 4" OD liner set bottom + cmt w/ 80 sx cmt, 20 sx wellite. Cmt plug drilled out to 3888'. Liner perforated from 3874' to 3888' w/ 1/4 holes. Acid w/ 500 Gals. PER set @ 3835'. Sweep dry re-acid w/ 1000 Gals. Test 263 BO, 11 BW in 24 hrs, GOR 3610.

4-31 Deepened from 3890' to 3920'. After 500' off parts from 3874 to 3888' w/ 50 sx cmt. OH, Acid w/ 500 Gals. re-acid w/ 1000 Gals. 4" liner perforated from 3853-3864' w/ 1/4 holes. Acid w/ 500 Gals. 4" liner perforated from 3839-3847' w/ 1/2 holes. PER set @ 3707'.

3-60 Acid w/ 1000 Gals 15% LSTNE

2-67 Recompleted from Monument (G-SA) to Eumont Pool. Perfs - Perm 3735-3740 3755-3760 w/ 1 1/2 SPT set @ IBP @ 3800'. Treat perforations 3735-3760' w/ 2000 Gals 15%. MFG 36 BO 3 BW, 28 MCFG in 24 hrs.

4-80 Perf from 3420-3422' w/ 102 shots. Treated Perfs w/ 13000 Gals 15% HCL. Sweep. Tagged fill @ 3720'. CO to PBTD. Spotted 500 Gal 15% HCL-NEFE. Flow + d 25 MCFPD.

Present Inj. ☐ _____ bopd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

CIBP @ 3800' Capw/ 1/2 SX.

3839-3847
 3853-3864

3874-3888
 592d w/ 50 sx

← TOL @ 3730'
 3735-40 3 w/ 1 THF
 3755-60 3 w/ 1 THF

5 1/2" OD 17 Thd
 Gr. _____ Csg
 set @ 3756' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surface by ALC

4" Liner @ 3890'
 TOL @ 3730'. Cmted w/
 100sx.

PBD 3795
 TD 3920

3422-3722 w/
 122 TOTAL shots

WELL DATA SHEET

EMSU 874 wic

LEASE & WELL NO. SANDERSON 'B-1' #8 FIELD/POOL Eunice Monument DATE 6-21-90LOCATION 330 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINESECTION 15 - T20S-R36E Unit A COUNTY LEA OPERATOR CONOCOGE 3581

KDB to GE

DF to GE

Date Completed 9-29-47Initial Formation GRAYBURGFrom: 3905 to 3935 COR 1350Initial: Production ☒ 214 bopd 105 bupdOr: Injection ☐ bupd @ psi

Completion Data:

Comp. OH natural10 3/4 " OD Surface Pipeset @ 309 ' w/ 250 sxCmt. Circulated?

Subsequent Workover or Reconditioning:

7 5/8 " OD ThdGr. Csgset @ 2720 ' w/ 425 sxCmt Circulated? NoTOC @ 891 ' by CALC.11-74 5I well - uneconomic.Present Inj. ☐ bupd @ psi Date Present Prod. ☐ bopd bupd Date GAS MCF PD

Remarks Or Additional Data:

5 1/2 " OD ThdGr. Csgset @ 3905 ' w/ 500 sxCmt Circulated? yesTOC @ 5165 ' by CALC.PBD 3935
TD 3935

Emsu 899 w/c

WELL DATA SHEET

LEASE & WELL NO. Reed B #1 FIELD/POOL Eunice Monument DATE 6-22-90
LOCATION 330 FEET FROM north LINE AND 330 FEET FROM EAST LINE
SECTION 23, T20S R36E Unit A COUNTY Lea OPERATOR Conoco

CE 3568 '
KDB to CE _____ '
DF to CE _____ '

Date Completed 1-15-38
Initial Formation Gambury
From: 3745 ' to 3858 ' COR 797
Initial: Production ☒ 1632 bopd _____ bupd _____
Or: Injection ☐ _____ bupd @ _____ psi
Completion Data:

10 3/4" OD Surface Pipe
set @ 252' w/ 225' sx
Cmt. Circulated? Yes

Completed OH Natural

Subsequent Workover or Reconditioning:

7 5/8" OD 26.4 # Thd
Gr. _____ Csg
set @ 1121' w/ 425' sx
Cmt. Circulated? Yes
TOC @ SURF by CALL

8/60- Acgd OH w/ 1000 gal 152 NEA

Present Inj. ☐ _____ bupd @ _____ psi Date _____
Present Prod. ☐ _____ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OD 17 # Thd
Gr. _____ Csg
set @ 3745' w/ 425' sx
Cmt. Circulated? Yes
TOC @ SURF by CALL

OH 3745-3858'

PBD _____
TD 3858

Emsu 900

WELL DATA SHEET

LEASE & WELL NO. Reed "B" #4 FIELD/POOL Eumont 4,7R,9 DATE 6-22-90
 LOCATION 660 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 23, T20S R36E Unit B COUNTY Lea OPERATOR Conoco

CE 3577

KDB to CE _____

DF to CE _____

Date Completed 5-1-38Initial Formation Queen RunoseFrom: 3746 to 3877 GOR 2151Initial: Production ☒ 450 bopd bupd _____Or: Injection ☐ bupd 2 psi

Completion Data:

Completed OH natural

10 3/4" OO Surface Pipe
 set @ 244 w/ 225 sx
 Cmt. Circulated? yes

Subsequent Workover or Reconditioning:

7 5/8" OO 26.4 Thd
 Gr. _____ Csg _____
 set @ 1270 w/ 425 sx
 Cmt Circulated? yes
 TOC @ Surf by CALL

12/52- Acid OH w/500gal req acid5/55- Installed Ppg unit

11/81- C/O to 3877' Struc shot OH. Acid
w/ 4200gal 15% HCl. Test 680/20BW/29-dpd

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

5 1/2" OO 17 Thd
 Gr. _____ Csg _____
 set @ 3746 w/ 425 sx
 Cmt Circulated? yes
 TOC @ Surf by CALL

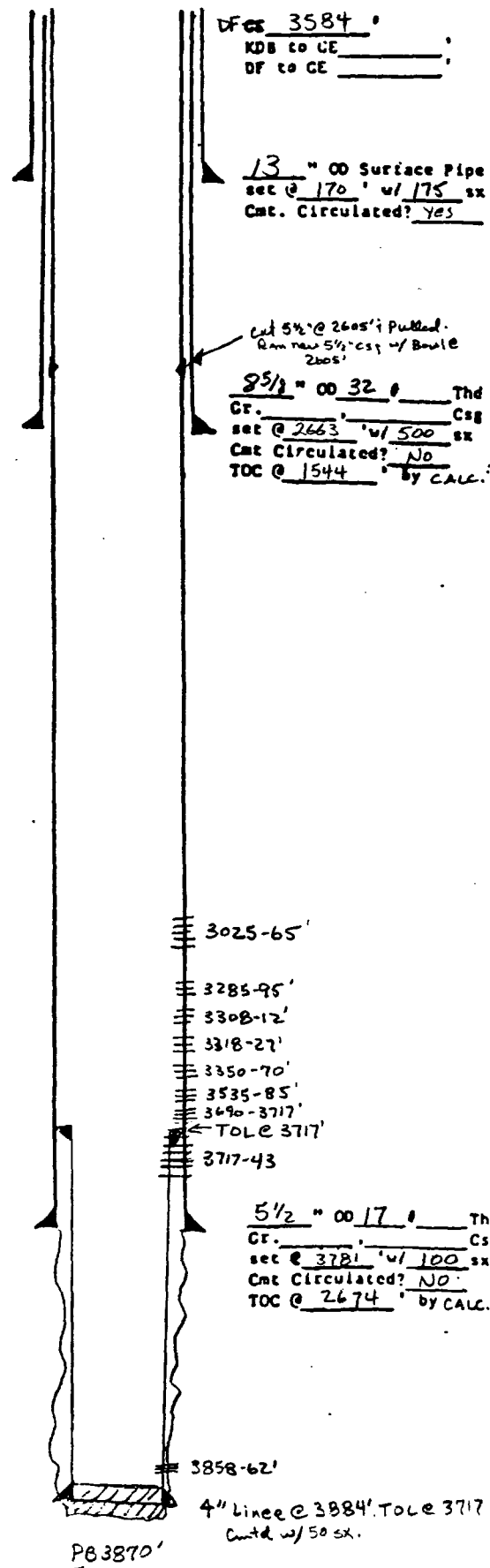
PBD

TD 3577

EMSU 901wic

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #7 FIELD/POOL Eumont Y7R9 DATE 6-22-90
 LOCATION 660 FEET FROM NORTH LINE AND 2310 FEET FROM West LINE
 SECTION 23 - T20S - R36E Unit C COUNTY Lea OPERATOR Amerada Hess



Date Completed 1-6-39
 Initial Formation Eumont (Parrish) Oil
 From: 3781 to 3884 GOR 583
 Initial: Production ☒ 1056 bopd bupd
 Or: Injection ☐ bupd ☐ psi
 Completion Data:

Acid OH w/ 2000 gal reg. acid

Subsequent Workover or Reconditioning:

10/13 - Set PKC 3730'. Swb to flow. Test 6180 bopd.
5/49 - Cut 5 1/2\"

Date N/A - perf 5 1/2\"

8/77 - Acid pump 3690-3856 w/ 4000 gal 15% NCA.
Acid Pump 3285-3535 w/ 4000 gal 15% NCA.

1/85 - Acid 3818-3852 w/ 2500 gal 15% NCA.
Acid pump 3690-3743 w/ 2500 gal 15% NCA. Acid pump 3535-85 w/ 2000 gal 15% NCA. Acid pump 3285-3370 w/ 2500 gal 15% NCA. Acid pump 3025-65 w/ 2000 gal 15% NCA.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

Ems. 902

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #12 FIELD/POOL Eumant 47RQ DATE 6-22-90
 LOCATION 660 FEET FROM NORTH LINE AND 660 FEET FROM West LINE
 SECTION 23, T20S, R36E Unit D COUNTY Lea OPERATOR Ameradr Hess

DF 3585
 KDB to GE _____
 DF to GE _____

2 5/8" OD Surface Pipe
set @ 1367' w/ 800' ex
Cmt. Circulated? Yes

Date Completed 6-16-55
 Initial Formation Queen Penrose
 From: 3805 to 3836 COR 1938
 Initial: Production ☒ 69 bopd 14 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

Perf 3805-3836. Head w/ 500' and 15% LST.
Flow w/ 2000' and 11% LST.

Subsequent Workover or Reconditioning:

5/61 - 3I_{oo} non-productive

4/83 - Set CIBP 3500'. Test csg ok.

9/84 - Drld + pushed CIBP to 3873'. Install
ppg equip. Put to ppg. Test 34 Bo/D BW/62 McFPD.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

3805-3836'
CIBP pushed to btm.
5 1/2" OD 15.5 # Thd
Gr. _____ Csg. _____
set @ 3890' w/ 400' ex
Cmt Circulated? NO
TOC @ 1757' by JS CALC.

PBD 3873
 TD 3890

LEASE & WELL NO. H.W. Andrews #10 FIELD/POOL Eumant 47R.Q DATE 6-22-90
 LOCATION 1980 FEET FROM North LINE AND 660 FEET FROM West LINE
 SECTION 23, T20S, R16E Unit E COUNTY Lea OPERATOR Amerada Hess

CE 3580
 KDB to CE
 DF to CE

Date Completed 5-21-95
 Initial Formation Queen Beena
 From: 3668 to 3710 COR
 Initial: Production ☒ 263 bopd 144 bupd
 Or: Injection ☐ bupd @ psi
 Completion Date:

85/8" OD Surface Pipe
 set @ 1394' w/ 800 ex
 Cmt. Circulated? Yes

Part 3668-3710 w/ 169 shots Acid w/ 1000
gal 15% CST Acid 7000 w/ 20000 am oil w/ 1000 gal.

Subsequent Workover or Reconditioning:

6/58 - Sgnd perf 3668-3710 w/ 125% POH w/ cmf
all D/O out. Deepened to 3930'. Free OH w/ 20000 gal
oil & 20000 # sd. Test 6560/65R w/ 60R 1119.

5/61 - Well SI as uneconomic.

12/80 - C/O to TD 3930'. Put on pump, test 6660/
666WPD.

5/81 - POH w/ pump i rods. SI well.

10/84 - Set CIBP@ 3880'. Perf 3840-70' w/ 13pf.
Acid w/ 1550 gal 15% NEA. Put to ppg, Test 1780/480WPD.
GOR 3529.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

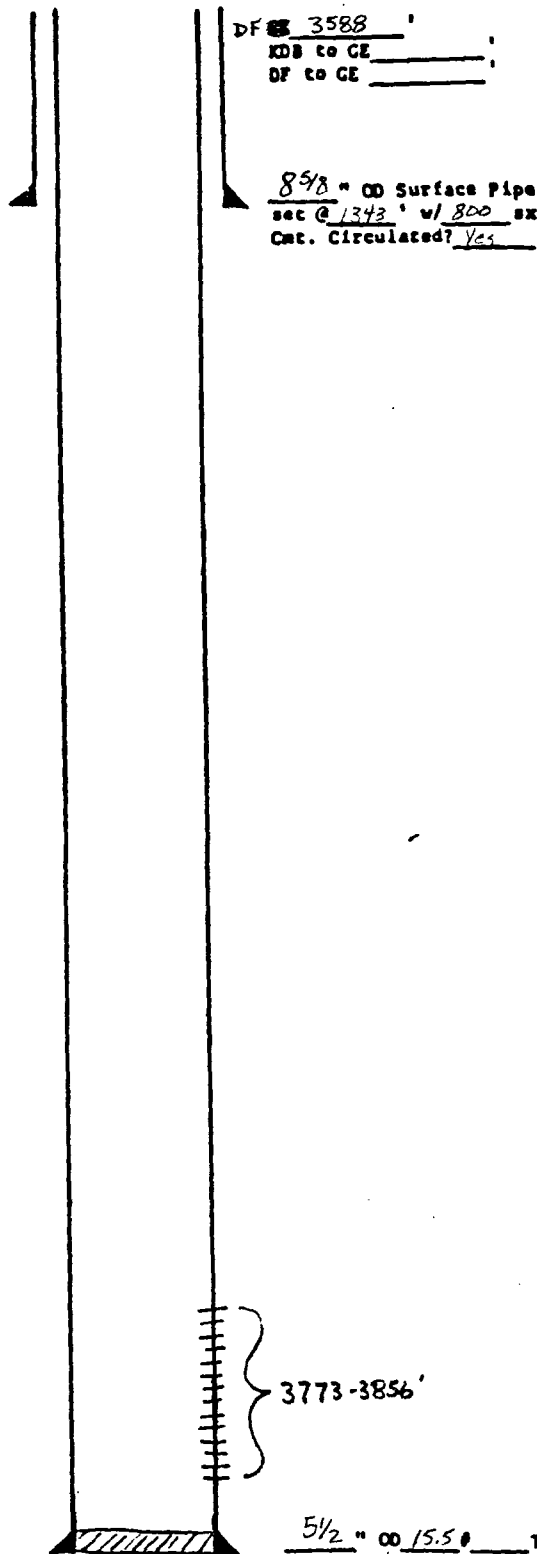
3668-3710, Sgnd
w/ 125%.

3840-70 w/ 13pf
CIBP@ 3880'

5/12" OD 15.5# Thd
 Gr. Csg.
 set @ 3890' w/ 450 ex
 Cmt Circulated? NO
 TOC @ 425' by TS

TD 3930'

LEASE & WELL NO. H.W. Andrews #11 FIELD/POOL Eumont Y7RQ DATE 6-22-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM West LINE
 SECTION 23, T20S, R36E Unit F COUNTY Lea OPERATOR Amerada Hess



PBD 3873
 TD 3875

5 1/2 " OD 15.5 # Thd
 Gr. 3875 " w/ 400 ex
 Cnt Circulated? NO
 TOC @ 1742 " by ES CALC.

Date Completed 6-3-55
 Initial Formation Queen Penrose
 From: 3773 to 3856 GOR 2239
 Initial: Production ☒ 172 bopd 180 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

Perf 3773-3856' Acid w/ 1000 gal 15% NCA
Frac. w/ 25000 gal and 25000 # sd.

Subsequent Workover or Reconditioning:

9/64 - String shot pump, C/O to 3873'. Acid
pump w/ 1000 gal 15% NCA. Test 3780/510 WPO GOR 562

8/66 - Acid pump w/ 1000 gal 15% NCA. Se. snubbed.
Test 3080/778 W. GOR 2762

4/68 - String set pump. Acid w/ 1000 gal 15% NCA.

5/69 - Acid pump w/ 1000 gal 15% NCA.

4/75 - Acid pump w/ 3000 gal 15% NCA.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

3773-3856'

Emsu 905 w/c

WELL DATA SHEET

LEASE & WELL NO. Reed B #8 FIELD/POOL Eumont 47R, Q DATE 6-22-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 23, T20S, R36E Unit G COUNTY Lea OPERATOR Conoco

DF 3579
 KDB to CE _____
 DF to CE _____

10 3/4" OD Surface Pipe
sec @ 249' w/ 225 sx
 Cnt. Circulated? Yes
 CALC.

7 5/8" OD 26.4 # Thd
 Gr. _____ Csg
 sec @ 1273' w/ 425 sx
 Cnt Circulated? Yes
 TOC @ Surf. by CALC

3002-14'
3020-28'
3031-36'
3124-28'
3320-42' w/25pf
3368-76' SpED w/ 200 sx
3390-90'
3516-26'
3534-54'
3578-84'

5 1/2" OD 17 # Thd
 Gr. _____ Csg
 sec @ 3717' w/ 425 sx
 Cnt Circulated? Yes
 TOC @ Surf. by CALC

PBD _____
 TD 3872

Date Completed 12-23-38
 Initial Formation Queen Penrose
 From: 3717 to 3872 GOR 1622
 Initial: Production 360 bopd _____ bupd _____
 Or: Injection 0 bupd _____ psi
 Completion Data:

Completed OH Natural

Subsequent Workover or Reconditioning:

11/57- Perf 3002-14, 3020-28, 3031-36, 3124-28
3320-42, 3368-76, 3390-90, 3516-26, 3534-54,
3578-84 w/25pf, Ttd w/ 500 gal acid & 5000 gal
sand frac. Eumont oil test 4180/0.8W/570 GOR
Eumont Gas test CAOF 570 mcf

4/59- C/O to TD, Cld for oil zone/gas zone
Comm. Test indicated Comm. Gas zone SI

10/59- Set BP @ 3563', Sand Eumont gas/perf
w/ 200 sx, D/O to TD, Ttd OH w/ 2500 gal 15%
LSI, Eumont Gas Attended. Eumont oil test
3680/390 w/ 897 GOR

7/82- SI due to uneconomic.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

Errsu 906
LEASE & WELL NO. REED B #2 FIELD/POOL Eunice Monument DATE 6-22-90
LOCATION 1650' FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
SECTION 23, T20S, R36E Unit H COUNTY Lea OPERATOR Conoco

WELL DATA SHEET

DHC w/ Eunice Gas.

CE 3561'
KDB to CE
DF to CE 9'

Date Completed 3-1-38
Initial Formation Granbury
From: 3740 to 3871 COR 95°
Initial: Production ☒ 1416 bopd bupd
Or: Injection ☐ bupd @ psl
Completion Data:

Comp. OH Natural

10 3/4" OD Surface Pipe
set @ 251' w/ 250 sx
Cmt. Circulated? Yes
CALC.

Subsequent Workover or Reconditioning:

7 5/8" OD Thd
Gr. CSG
set @ 1233' w/ 425 sx
Cmt Circulated? Yes
TOC @ Surf by CALC.

2/61 - C/O to TD. Set 4 1/2" 12.6 # liner @ 3870'. TOC
@ 3683'. Cmt w/ 35 sx. Perf. 3835-40, 3844-49, 3852-55,
3860-66. Trtd w/ 1000 gal 15% HCL. Trf w/ 3000
gal 15% HCL. Perf Eunice Gas Queen - 3452-58, 3464-83,
3520-28, 3546-52, 3569-73, 3604-14, 3620-24, 3628-50,
3656-62. Trtd w/ 1000 gal 15% HCL + 10000 gal oil w/
10000 # sd. Grb9 test 17 Bbl/18W/5 mcfpd. Queen
test CROF 920 mcf.

2/75 - Down hole commingle. C/O to TD. Acid
w/ 500 gal acid. DHC.

10/81 - Run AP. Perf 3860-66, 3852-55, 3844-49, 3835-40,
3818-24, 3808-12, 3788-94, 3781-84, 3756-62, 3730-38 w/ 2.5 sf.
Acid w/ 100 Bbls 15% NCFEA. Test 23 Bbl/10.8W/29 mcf.

= 3452-58'
= 3464-88'
= 3520-28'
= 3546-52'
= 3569-73'
= 3604-14'
= 3620-24'
= 3628-50'
= 3656-62'

TOC @ 3683'

= 3730-38'

5 1/2" OD Thd
Gr. CSG
set @ 3750' w/ 425 sx
Cmt Circulated? Yes
TOC @ Surf by CALC.

= 3756-62
= 3781-84
= 3783-94
= 3808-12
= 3818-24
= 3835-40
= 3844-49
= 3852-55
= 3860-66

Present Inj. ☐ bupd @ psl Date
Present Prod. ☐ bopd bupd Date
GAS MCFPD

Remarks Or Additional Data:

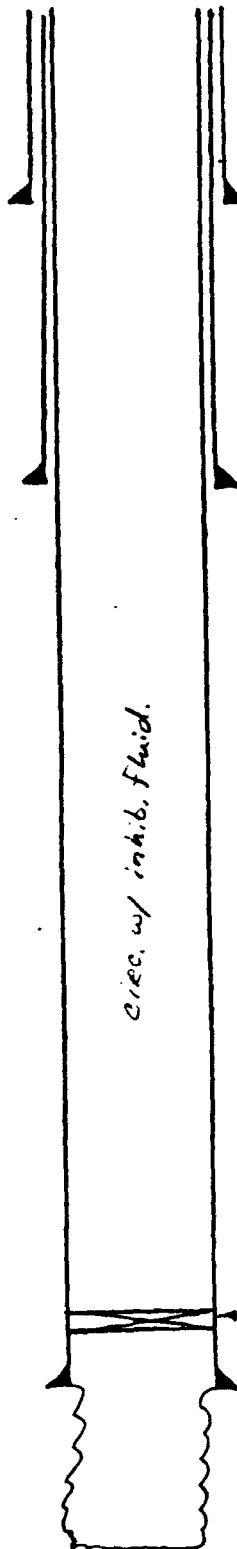
4 1/2" 12.6 # liner @ 3870'

T/A'd

Emsu 914 w/c

WELL DATA SHEET

LEASE & WELL NO. Reed "B" #5 FIELD/POOL Eumant 97RQ DATE 6-22-90
LOCATION 1980 FEET FROM South LINE AND 330 FEET FROM EAST LINE
SECTION 23, T20S, R36E UNIT I COUNTY Lea OPERATOR Conoco



GE 3571
KDB to GE
DF to GE

10 3/4" OD Surface Pipe
set @ 265' w/ 250' sx
Circ. Circulated? Yes

7 5/8" OD 26.4' Thd
Gr. Csg
set @ 1249' w/ 425' sx
Circ. Circulated? Yes
TOC @ surf by CACC

Date Completed 5-26-38
Initial Formation Queen Penrose
From: 3738' to 3871' GOR 252
Initial: Production ☒ 552 bopd bupd
Or: Injection ☐ bupd @ psi
Completion Data:

Acid off w/ 2000 gal reg acid

Subsequent Workover or Reconditioning:

9/89 - Set CIBP @ 3650', Circ. w/ inhibited fluid. Well. T/A'd.

Present Inj. ☐ bupd @ psi Date
Present Prod. ☐ bopd bupd Date
GAS MCFPD

Remarks Or Additional Data:

5 1/2" OD Thd
Gr. Csg
set @ 3738' w/ 425' sx
Circ. Circulated? Yes
TOC @ surf by CACC

PBD
TD 3871

Ems4915

WELL DATA SHEET

LEASE & WELL NO. Reed 'B' #7 FIELD/POOL Eumont 47RQ DATE 6-22-90
 LOCATION 2310 FEET FROM SOUTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 23, T20S, R36E Unit J COUNTY Lea OPERATOR Conoco

CE 3580KDB to CE _____
DF to CE _____Date Completed 10-23-88Initial Formation Queen PenroseFrom: 3642 to 3542 GOR 507Initial: Production ☒ 1152 bopd ☐ bupdOr: Injection ☐ _____ bupd ☐ _____ psi

Completion Data:

10 3/4" OO Surface Pipe
 set @ 244 w/ 225 sx
 Cnt. Circulated? Yes

Acid OH w/ 1000 gal reg. Acid.

Subsequent Workover or Reconditioning:

7 5/8" OO 26.4 Thd
 Cr. _____ Csg
 set @ 1283 w/ 425 sx
 Cnt. Circulated? Yes
 TOC @ Surf by CALC

2/47- Acid OH w/ 500 gal Reg. Acid.4/64- String shot OH. Acid.7/64- Installed Ppg unit11/76- C/O to TD. Acid w/ 500 gal 15% NEA12/81- C/O to TD. String shot OH. Acid w/ 4200 gal 18% NEA. Test OBP/18W/173 mcfpd.2/83- Shut in - uneconomic.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OO 17 Thd
 Cr. _____ Csg
 set @ 3648 w/ 425 sx
 Cnt. Circulated? Yes
 TOC @ Surf by CALC

OH 3648-3848'

PBD

TD 3248

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #9 FIELD/POOL Emmont 47R.Q DATE 6-22-90
 LOCATION 1980 FEET FROM South LINE AND 1980 FEET FROM West LINE
 SECTION 23, T20S, R36E Unit K COUNTY Lea OPERATOR Amerada Hess

Date Completed 5-4-55
 Initial Formation Queen (Perrine)
 From: 3825 to 3884 COR 1152
 Initial: Production ☒ 157 bopd 16 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

DF 3583
 KOB to CE
 DF to CE

8 5/8 " OD Surface Pipe
 set @ 1350 ' w/ 800 sx
 Cmt. Circulated? Yes

Perf 3824-3885 w/ 4 spf. Acid w/ 1000 gal
1st acid. Frac. w/ 25000 gal. oil 25000 # sd.

Subsequent Workover or Reconditioning:

5/66 - C/O to TD. String shot pump. Acid w/
1000 gal 15% NSR.

8/74 - Well uneconomic. PCH w/ rods & pump. T/A.

5/79 - G/H w/ PPG Equip. Test 3580/76 WPD.

12/80 - C/O to PTD. Perf 3746-60 + 3805-12.
Acid w/ 4000 gal 15% NSR acid. Acid perf 3824-85
w/ 1500 gal. 7 1/2 NSR acid. Test 2480/168 WPD.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

3746-60'

3805-12'

3824-85' w/ 4 spf.

PBD 3884
 TD 3885

5 1/2 " OD 15.5 # Thd
 Gr. Csg.
 set @ 3885 ' w/ 500 sx
 Cmt Circulated? No
 TOC @ 83 ' by TS

Ems 917

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #13 FIELD/POOL Elmout #7R Q DATE 6-22-90
 LOCATION 1980 FEET FROM South LINE AND 660 FEET FROM West LINE
 SECTION 23, T20S, R36E Unit 4 COUNTY Lea OPERATOR Amesada Hess

Date Completed 7-1-55
 Initial Formation Queen Perse
 From: 3819 to 3850 COR 1217
 Initial: Production ☒ 58 bopd 31 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

Perf 3819-3850'. Acid w/ 1000 gal 15% LST
Frac w/ 25000 gal oil + 25000 # sd.

DF 3590
 KDB to CE
 DF to CE

8 5/8" OD Surface Pipe
set @ 1431' w/ 750 ex
 Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

6/56 - Perf 3740-64'. Acid w/ 1000 gal 15% LST
FRAC w/ 15000 gal oil + 15000 # sd. Test 1980/10BAW/60E 2981

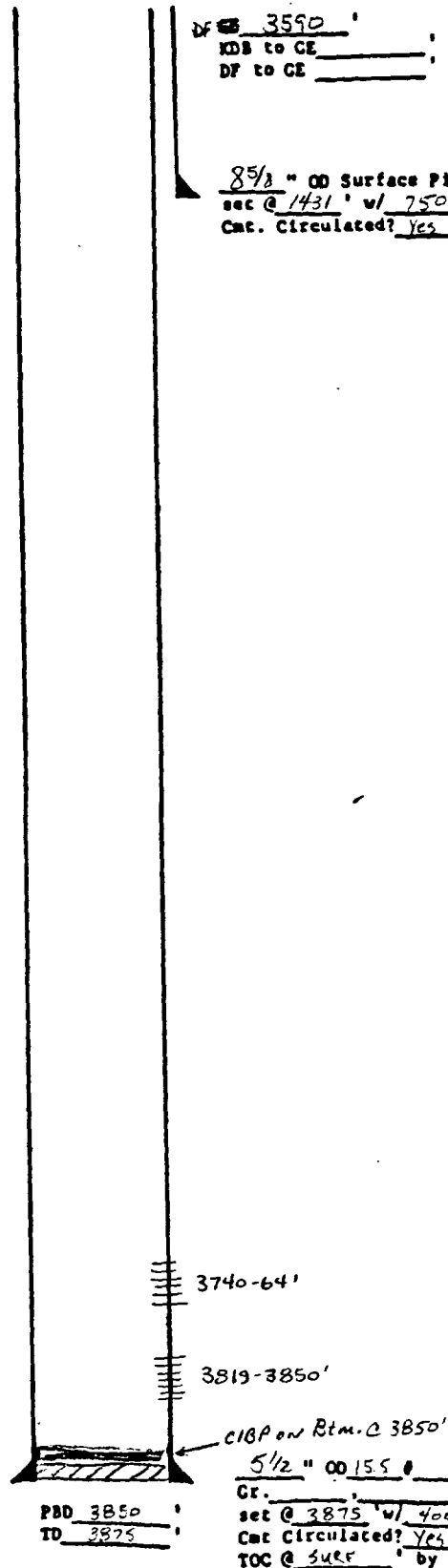
5/61 - SE no uneconomic.

4/83 - Set CIBP @ 3520'. Test cog ok.

11/84 - Knock BP loose & pump to btm. Acid perf 3819-50 w/
2000 gal 15% NPA. Acid 3740-64' w/ 2000 gal 15%
NPA. Put well back to prod'g.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:



5 1/2" OD 15.5 # Thd
Gr. set @ 3875' w/ 400 ex
 Cmt Circulated? Yes
 TOC @ Surf by ES calc.

LEASE & WELL NO. REED 'B' #9 FIELD/POOL Eumant 47RQ DATE 6-22-90
 LOCATION 660 FEET FROM South LINE AND 660 FEET FROM WEST LINE
 SECTION 23, T20S, R36E, Unit M COUNTY Lea OPERATOR Conoco

CE 3580
 KOB to CE _____
 DF to CE 10

8 5/8" OD Surface Pipe
set @ 1437' w/ 650 ex
 Cmt. Circulated? Yes
 By CALL

Date Completed 5-5-55
 Initial Formation Queen Pennsac
 From: 3870 to 3920 COR _____
 Initial: Production ☒ 136 bopd ☐ bopd
 Or: Injection ☐ bopd ☐ psi
 Completion Data:

Perf'd 3870-3920'. Acid w/ 500 gal HCl
Acid Frac w/ 10000 gal oil + 10000 # sd.
Refrac w/ 20000 gal oil + 20000 # sd.

Subsequent Workover or Reconditioning:

9/70- 3I uneconomic

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

3870-3920' w/ 4 spf

PBD 3955
 TO 3960

5 1/2" OD 14 # Thd _____
 Gr. _____ Csg. _____
 set @ 3959 w/ 14.3 ex _____
 Cmt Circulated? NO
 TOC @ 1650 by TS

Emsu 919

WELL DATA SHEET

LEASE & WELL NO. REED 'B' #10 FIELD/POOL Eumont 4,7RQ DATE 6-22-90
 LOCATION 660 FEET FROM SOUTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 23, T20S, R36 E Unit N COUNTY Lea OPERATOR Conoco

CE 3571
 KDB to CE _____
 DF to CE 10

Date Completed 9-26-55
 Initial Formation Queen Permosc
 From: 3696 to 3870 COR TEST
 Initial: Production 300 bopd — bupd
 Or: Injection ☐ bupd @ psi
 Completion Date:

8 5/8" OD Surface Pipe
 set @ 329' w/ 200 ex
 Cmt. Circulated? Yes

Perf 3852-70, 3836-42, 3810-20, 3778-98,
3696-3722, Each set selectively acid & sand fraced,
Total 5000 gal res. Acid & 26000 gal. acid free w/
26000 # 3d.

Subsequent Workover or Reconditioning:

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

Cored

3696-3722'
 3778-98'
 3810-20'
 3836-42'
 3852-70' } w/ 4 spf

PBD 3872
 TD 3881

5 1/2" OD 14 Thd
 Gr. _____ Csg. _____
 set @ 3879' w/ 112 ex
 Cmt. Circulated? Yes
 TOC @ _____ by TS

EMS4920wic

WELL DATA SHEET

LEASE & WELL NO. Reed 'B' #6 FIELD/POOL Eumont 4720 DATE 6-22-90
 LOCATION 990 FEET FROM SOUTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 23, T20S, R36E Unit 0 COUNTY Lea OPERATOR Conoco

CE 3563
 KDB to CE _____
 DF to CE 10

Date Completed 8-18-38
 Initial Formation Queen Penrose
 From: 3670 to 3823 GOR 594
 Initial: Production ☒ 1056 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd _____ psi
 Completion Data: _____

103/4" OD Surface Pipe
 set @ 249 ' w/ 225 sx
 Cmt. Circulated? Yes

Completed OH natural

75/8" OD 26.4 # Thd
 Cr. _____ Csg
 set @ 1303 ' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surf ' by CALC.

Subsequent Workover or Reconditioning:

3/56 - D/d to 3852', T/d w/ 500 gal acid
& 6000 gal oil w/ 1 PP9 sol. Test 4500/2140/212 mfpd

4/64 - ST due to uneconomic.

2/81 - Put back on pump.

9/85 C/O to 3834. String shot off. Perf
3553, 55, 65, 71, 74, 76, 90, 95, 3600, 02, 04, 07,
09, 13, 30, 42, 55, 57, 63, 64, 3667 w/ 25pF.
Acid pump w/ 880 gal. 15% NEA & Checker-Sol.
Test 01801/37 RW/38 mcf.

3553'
 3553'
 3565'
 3571'
 3574'
 3576'
 3590'
 3595'
 3600'
 3602'
 3604'
 3607'
 3609'
 3613'
 3630'
 3648'
 3655'
 3657'
 3663'
 3664'
 3667'

} w/ 25pF

5 1/2" OD 17 # Thd
 Cr. _____ Csg
 set @ 3670 ' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surf ' by CALC.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 CAS _____ MCFPD _____

Remarks Or Additional Data: _____

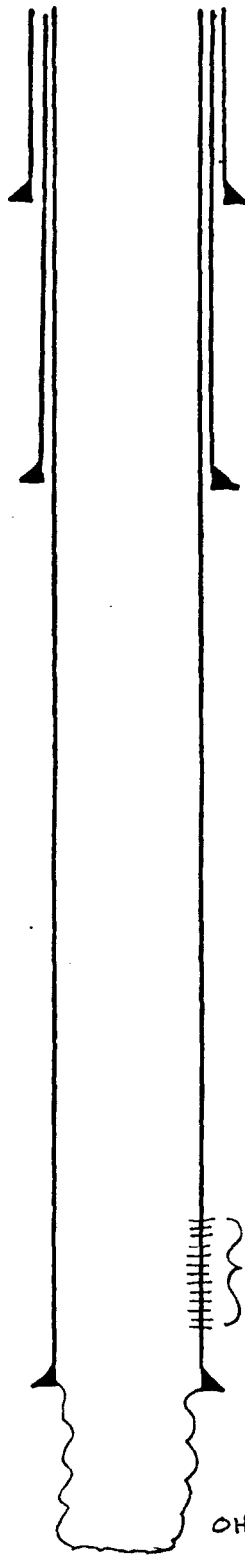
PBD 3834
 TD 3852

} Scale, form. to
3834'

ENSL 421

WELL DATA SHEET

LEASE & WELL NO. REED "B" #3 FIELD/POOL Element 4720 DATE 6-22-90
 LOCATION 660 FEET FROM SOUTH LINE AND 330 FEET FROM EAST LINE
 SECTION 23, T20S, R36E Unit P COUNTY Lea OPERATOR Conoco



CE 3566
 KDB to CE _____
 DF to CE _____

10 3/4\" OD Surface Pipe
 set @ 261' w/ 250 sx
 Cmt. Circulated? Yes

7 5/8\" OD 26.4 Thd
 Cr. _____ Csg
 set @ 1216' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surf by CALC

3648-3716' w/ 25pf

5 1/2\" OD 17 Thd
 Cr. _____ Csg
 set @ 3742' w/ 425 sx
 Cmt Circulated? Yes
 TOC @ Surf by CALC

OH 3746-3866'

PBD _____
 TD 3866

Date Completed 4-4-38
 Initial Formation Queen (Permian)
 From: 3746 to 3866 GOR 1.42
 Initial: Production ☒ 1320 bopd bupd _____ psi
 Or: Injection ☐ bupd _____ psi
 Completion Data:

Acid OH w/ 2000 gal reg Acid

Subsequent Workover or Reconditioning:

7/83 - Acid w/ 500 gal

9/66 - Install pop unit

7/81 - String Shot OH. Perf 3648-3716 w/ 25pf.
C/o 4 to TD. Acid w/ 150 Rbls. 15% NCFEA. Test
6 Bbl/13 Bbl/24 met pd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

EMS4895wic

WELL DATA SHEET

LEASE & WELL NO. GILLULLY 'A' FEDERAL #2 FIELD/POOL EUNICE MONUMENT DATE 6-22-90

LOCATION 660 FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE

SECTION 24 - T20S - R36E Unit A COUNTY LEA OPERATOR AMOCO

DF 3551
KDB to CE _____
DF to CE _____

Date Completed 6-10-37
Initial Formation GRAYBURG
From: 3744 to 3872 GOR
Initial: Production ☐ bopd _____ bupd _____
Or: Injection ☐ bopd _____ psi _____
Completion Data: _____

13 " OD Surface Pipe
set @ 285 ' w/ 175 sz
Cmc. Circulated? NO
(17 1/2" hole) (T155' cmc)

NATURAL Compl.

95/8 " OD 36 " Thd
Gr. _____ Csg
set @ 2463 ' w/ 600 sz
Cmc Circulated? NO
TOC @ 608 " by CMC.
(12" hole)

Subsequent Workover or Reconditioning:

10-85 TAMFILL @ 3066'. Set PER @ 3715' + ACCT.
ON W/ 2925 GAG. 15% NCE HCL. 1575 GAG. ASPL.
+ 800# GAS. UPON. LAM P.E. LTP.
A- 43 BOPD/27 BWPD/10 MCFPA

Present Inj. ☐ bopd @ _____ psi Date _____
Present Prod. ☐ bopd _____ bupd Date _____
GAS _____ MCFPD _____

7 " OD 22 " Thd
Gr. K-55 Csg
set @ 3744 ' w/ 300 sz
Cmc Circulated? NO
TOC @ 1900 " by CALC.
(8 3/4" hole)

Remarks Or Additional Data:

PBD 3872
TD 3872

Ems4896

WELL DATA SHEET

LEASE & WELL NO. GILMULLY 'A' FEDERAL #16 FIELD/POOL Eunice Monument DATE 6-22-90LOCATION 840 FEET FROM NORTH LINE AND 2080 FEET FROM EAST LINESECTION 24 - T20S - R36E Unit B COUNTY LEA OPERATOR AMOCODate Completed 6-9-80Initial Formation GRAYBURGFrom: 3910 to 3950 COR 3500Initial: Production ☒ P 4 bopd 495 bopdOr: Injection ☐ 1 bupd @ psi

Completion Data:

Perf'd 618-4020-54' Acid. w/ 1500 gals. 15% NEA. Swab-tested w/ 5028 perfs w/ 1005x.cnt.
 Perf'd 3960-96' Acid. w/ 1500 gals. 15% NEA.
 Test pumped 320 BWPD. Set cick @ 3940'. Sg'd perfs 3960-96' w/ 2005x.cnt. Perf'd 3870-86' w/ 185PF. Acid. w/ 1374 gals. 10% HCl Acid. Pcp 280PD + 30 BWPD. Sg'd 3870-86' w/ 1005x.cnt. Doc to 3958' Perf'd 3910-24' 3934-50' Acid. w/ 2000 gals. 15% HCl. Place on prod.

Subsequent Workover or Reconditioning:

* Add'l Completion Info:

6-77 Perf'd 3651-56 3660-65 3701-08 3766-68 3780-86 3796-3800 3803-08 3839-41 3843-45 3847-49 3851-59 w/ 2 JHPF. Acid. All perfs w/ total of 9500 gals. 15% HCl. Pump-tested. Set cick @ 3825'. Tried to squeeze out into perfs 3839-59'. Pressured up. Pump tested. 280, 415 BW. GAS MTRM. Drill out cick's @ 3825' + 3940'. Perf. 3910-50' + Place on prod. test.

CE 3537
 KDB to CE _____
 DF to CE _____

8918 " OD Surface Pipe
 sec @ 1045' w/ 425 ex
 Cnt. Circulated? yes-circ.

(12 1/4" hole)

3651-56'
3660-65'
3701-08'
3766-68'
3780-86'
3796-3800'
3803-08'
3839-59' (Attempt to squeeze
 Took little cement.)
3870-86' Sg'd w/ 1005x.cnt.
3910-24'
3934-50'
3960-96' Sg'd w/ 2005x.cnt.
 CICK @ 3968' w/ 10' cnt cap.
4020-42' } Sg'd w/ 1005x.cnt.
4047-54'

PBD 3958
 TD 4102

5 1/2" OD 14 # Thd
 Gr. _____ Csg. _____
 sec @ 4102' w/ 581 ex
 Cnt Circulated? yes
 TOC @ Surf. by circ. 116 ex.

(7 7/8" hole)

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. GILLULLY FED. Gas Com. #4 FIELD/POOL EUMONT DATE 6-22-70
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 24 - T205 - R36E Unit B COUNTY LEA OPERATOR AMOCO

CE 3553 '
 KDB to CE _____
 DF to CE _____

Date Completed 10-27-37
 Initial Formation MONUMENT (GRAYBURG)
 From: 3750 ' to 3875 ' COR 26,000
 Initial: Production ☒ 40 bopd - bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data: _____

13 " OD Surface Pipe
 set @ 307 ' w/ 200 sx
 Cmt. Circulated? No-CALC.
 (17 1/2 " hole) (47 ' T/Anc.)

Set PKR @ 3812' to reduce GAR.
No record of removal.

11-44 Well TA'd.

Subsequent Workover or Reconditioning:

95/8 " OD 36 " Thd
 Gr. _____ Csg _____
 set @ 2461 ' w/ 600 sx
 Cmt. Circulated? No
 TOC @ 661 ' by CALC.
 (12 " hole)

11-53 Set CIBP @ 3720' + dumped 10' cmt on top.
Perforated Eumont Case 2620-3470' (410 shots) w/
2 SPE. Acids. w/ 3000 gals. 15% HCL. FVAC
w/ 5000 gals. oil w/ 10% sand. ACFI = 8.8 MCF/10.

2620'
3470'
 Eumont
 Y-SR-Q perfs
 (410 holes)
 (No "perf detail"
 available)

CIBP @ 3720' w/ 10' CMT CAP.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF/PO

OH PKR SET
 @ 3812'. (May
 have been pulled)

7 " OD 22 " Thd
 Gr. _____ Csg _____
 set @ 3750 ' w/ 300 sx
 Cmt. Circulated? No
 TOC @ 1906 ' by CALC.
 (8 3/4 " hole)

Remarks Or Additional Data:

PBD 3710 '
 TD 3875 '

EMSU 897 w/c
 LEASE & WELL NO. GILLULLY 'A' FEDERAL #9 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 24 - T20S - R36E Unit C COUNTY LEA OPERATOR AMOCO

CE 3549
 KDB to CE 9
 DF to CE _____

Date Completed 10-15-37
 Initial Formation Grayburg
 From: 3745 to 3869 GOR
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ bupd _____ psi
 Completion Data:

NATURAL COMPL.

13" OD Surface Pipe
sec @ 278' w/ 200 sx
 Cmc. Circulated? No
 (17 1/4" hole) TOC 15' by CALC.

Subsequent Workover or Reconditioning:

9 5/8" OD 36 Thd
 Cf. _____ Csg
 sec @ 2483' w/ 1600 sx
 Cmc. Circulated? No
 TOC @ 683 by CALC.
 (12" hole)

11-54 TA'd well - 100% water.

1975 - 5020' OH w/ 150 sx. cat. 5x88
Perfs 3665-70' + 3720-26' w/ total of
300 sx. cat. Perfor. upper Grayburg @
3604-35'. Produced dry gas. Completion
Info NOT AVAILABLE.

3604-35'

CICR 3650' w/ 5' cat. cap.

3665-70'

CICR 3710' w/ 5' cat. cap.

3720-26'

CICR 3732'

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

7" OD 22 Thd
 Cf. _____ Csg
 sec @ 3745 w/ 300 sx
 Cmc. Circulated? No
 TOC @ 1901 by CALC.
 (8 3/4" hole)

PBD 3645
 TD 3869

Ems4898

WELL DATA SHEET

LEASE & WELL NO. Grimmly A Federal #12 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 660 FEET FROM NORTH LINE AND 660 FEET FROM WEST LINE
 SECTION 24 - T20S - R36E Unit D COUNTY LEA OPERATOR AMOCO

DF 3555
 KDB to CE _____
 DF to CE _____

Date Completed 11-29-37
 Initial Formation Grayburg
 From: 3754 to 3866 COR _____
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data: _____

13 " OD Surface Pipe
 set @ 296 ' w/ 200 sx
 Cmt. Circulated? yes-CALC.
 (17 1/4" hole)

NATURAL COMPL.

Subsequent Workover or Reconditioning:

95/8 " OD 36 " Thd
 Gr. _____ Csg _____
 set @ 2537 ' w/ 600 sx
 Cmt. Circulated? NO
 TOC @ 737 ' by CALC.
 (12" hole)

6-70 Acidz. on 3754-3866 w/ 2000 GAL. 15% NEA. RTA 8-25/10/1986 (O/W/G)
A-76177182 MCF610 (O/W/G)
5-80 MIPK. set ALL @ 3745' Acidz. of 4500 GAL. 15% NEHCl in 3 stages. Swabbed.
RTP A-10/55/12 (O/W/G)
4-86 Acidz. down csg. w/ 2500 GAL. 15% NEHCl.
B-2/8/8 (O/W/G)
A-5/31/5 (O/W/G)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data: _____

1 " OD 22 " Thd
 Gr. _____ Csg _____
 set @ 3754 ' w/ 300 sx
 Cmt. Circulated? NO
 TOC @ 1910 ' by CALC.
 (8 3/4")

PBD 3866
 TD 3866

WELL DATA SHEET

EMSA 907 WIC
 LEASE & WELL NO. GILLULLY 'A' FEDERAL #14 FIELD/POOL EUNICE MONUMENT DATE 6-22-90
 LOCATION 1980 FEET FROM NORTH LINE AND 660 FEET FROM WEST LINE
 SECTION 24-T20S-R36E Unit E COUNTY LEA OPERATOR AMOCO

DF 3569
 KDB to CE
 DF to CE

Date Completed 4-17-38
 Initial Formation GRAYBURG
 From: 3758 to 3870 COR 563
 Initial: Production 980 bopd 0 bupd
 Or: Injection 0 bupd 0 psi
 Completion Data:

13 " OO Surface Pipe
 set @ 292 ' w/ 200 sx
 Cnt. Circulated? yes-circ.
 (17 1/4" hole)

Acid: w/ 2000 Gal. 15% HCl.

Subsequent Workover or Reconditioning:

95/8 " OO 36 " Thd
 Gr. CSG
 set @ 2543 ' w/ 600 sx
 Cnt Circulated? NO
 TOC @ 564 ' by calc.
 (12" hole)

12-68 SI - uneconomical.
1-71 Returned to producing.

4-78 Set pkr @ 3645'. Acid: w/ 9000 gal.
20% HCl, 9000 # 100-mesh sd + 3800 gal
of gelled wtr. Flush w/ 150 oil.
B - 9/28/10 (O/W/G)
A - 14/22/10 (O/W/G)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

7 " OO 22 " Thd
 Gr. CSG
 set @ 3758 ' w/ 300 sx
 Cnt Circulated? NO
 TOC @ 1914 ' by calc.

(8 3/4" hole)

PBD 3870
 TD 3870

WELL DATA SHEET

LEASE & WELL NO. GILLULLY FED. GAS COM #15 FIELD/POOL EUMONT DATE 6-22-90LOCATION 1650 FEET FROM NORTH LINE AND 990 FEET FROM WEST LINESECTION 24 - T20S-R36E 11N1E COUNTY LEA OPERATOR AMOCOGE 3553
KDB to GE _____
DF to GE _____Date Completed 5-21-78
Initial Formation Queen
From: 3539 to 3610 296 MCFPD
Initial: Production ☒ 0 bopd 0 bupd
Or: Injection ☐ bupd @ _____ psi

Completion Data:

Perf'd Given 3539-3610 w/ 2 SPF.
Acid. w/ 3500 GALS. 15% HCl Acid. FRACED
w/ 36,000 gals. gelled wtr. + 9,000 gals. CO₂
w/ 47,015# 20/40 sd. + 6750# 10/20 sd.8 5/8" OD Surface Pipe
set @ 1125' w/ 500 ex
Cmt. Circulated? yes-cir.

(12 1/4" hole)

Subsequent Workover or Reconditioning:

3539-47'
3557-66'
3570-82'
3593-98'
3604-10'Eumont Gas
puffs
(2 JHIF)
80 holesPresent Inj. ☐ bupd @ _____ psi Date _____
Present Prod. ☐ bopd _____ bupd Date _____
GAS _____ MCFPD

Remarks Or Additional Data:

PBD 3957
TD 40005 1/2" OD 14 # Thd
Gr. K-55 ST+C Csg.
set @ 4000' w/ 850 ex
Cmt Circulated? yes
TOC @ Surf. by BECAU.

(7 7/8" hole)

EM54908

WELL DATA SHEET

LEASE & WELL NO. GILLULLY 'A' FEDERAL #13 FIELD/POOL EUNICE MONUMENT DATE 6-22-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 24 - T20S-R36E Unit F COUNTY LEA OPERATOR AMOCO

CE 3558
 KDB to CE 10
 DF to CE

Date Completed 1-20-38
 Initial Formation GRAYBANK
 From: 3744 to 3865 COR SLB
 Initial: Production ☒ 528 bopd ☐ bupd
 Or: Injection ☐ bupd ☐ psi
 Completion Data:

13 " OD Surface Pipe
 set @ 249 ' w/ 200 sx
 Cmt. Circulated? NO - CMC
 (17 1/4") (35' T/line)

Acid. w/ 2000 gals. 15% NCA.

95/8 " OD 36 " Thd
 Gr. Csg
 set @ 2520 ' w/ 600 sx
 Cmt Circulated? No
 TOC @ 541 ' by calc.
 (12" hole)

Subsequent Workover or Reconditioning:

4-63 C/O to TDR 3865'. Acid. w/ 5000 gals.
15% NCA. A-2.80/22 BW/MOR

7-67 Set CIRC @ 3726'. Spaced out w/
200 SLS. Cmt. Perfor 3654-59, 74-78, 89-97.
3706-12. w/ 2 SFE. Acid. Perfs w/ 2000 gals.
15% NCA. Test well. 12 1/2" SE.
3-71 FRACED Perfs 3654-3712' w/ 20,000 gals.
Jelled w/ w/ 1 1/2-1 PPG sand.

A-52
A-E 1350 MCF/D on 31/64" choke.
8-82 Tag Fill @ 3629'. Set PVC @ 3391'. Prod.
3000 gals. 15% NCA. w/ 1000 SCF N₂/1661
Swabbed well w/ little gas entry. SE well.

* 1975 - Perfor Perfor 3554-3615' w/ 56 holes.
Perfor N/A.

3554-58
3563-68
3572-74
3576-77
3585-87
3594-96
3607-15
 Penna perfs
 (2 JHP)

CIRC @ 3637'

3654-59
3674-78
3689-97
3706-12
 Perfs were spaced
 but volume N/A.

CIRC @ 3726' (Spaced 200 sx. below)

7 " OD 22 " Thd
 Gr. Csg
 set @ 3744 ' w/ 300 sx
 Cmt Circulated? No
 TOC @ 1900 ' by calc.
 (8 3/4" hole)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF/D

Remarks Or Additional Data:

PBD 3633
 TD 3865

Ems4909 wic

WELL DATA SHEET

LEASE & WELL NO. GILLULLY 'A' FEDERAL #11 FIELD/POOL EUNICE MONUMENT DATE 6-22-70
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 24 - T20S - R36E Unit G COUNTY LEA OPERATOR AMOCO

DF 3553
 KDS to CE _____
 DF to CE _____

Date Completed 11-30-37
 Initial Formation Grayburg
 From: 3745 to 3870 COR _____
 Initial: Production ☒ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ psi _____
 Completion Data: _____

13 " OD Surface Pipe
 set @ 296 ' w/ 225 sx
 Cmt. Circulated? yes-calc.
 (17 1/2" h₂o)

N/A

Subsequent Workover or Reconditioning:

9 5/8 " OD 36 " Thd
 Gr. _____ Csg _____
 set @ 2484 ' w/ 6000 sx
 Cmt. Circulated? no
 TOC @ 684 ' by calc.
 (12" h₂o)

9-64 Acids. OH 3745-3870 ' w/ 2000 gals.
15% NEA. No chuff in prod.

7-69 Acids. OH 3745-3870 ' w/ 2000 gals.
15% NEA. 8-5/16 (O/W)

4-78 Pull P.E. set PKV @ 3645 ' + treat OH w/
9000 gals. 20% Acid w/ 9000 # 100-mesh sd
 in 30 stages. RTP.

1-85 Pull P.E. RTH w/ 6 1/2 " bit + deepen to
3911 '. 5000 gals. 15% NEA. set PKV @
3714 ' + Acids. w/ 3000 gals. 15% NEA w/
 PKV for block. RAN CALDW + GL log (raised acid
 w/ R.A. material. RAN OH PKV + set @ 3849 '. Acids.
 below pkv. w/ 2000 gals. 15% NEA in 30 stages.
 Swabbed + ATB
A - 3 RO, 50 RW + 4 MCFPD.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

7 " OD 22 " Thd
 Gr. _____ Csg _____
 set @ 3745 ' w/ 300 sx
 Cmt. Circulated? no
 TOC @ 1901 ' by calc.

(8 3/4" h₂o)
 6 1/2" OH.

PBD 3911
 TD 3911

EM34910

WELL DATA SHEET

LEASE & WELL NO. GILLULLY 'A' FEDERAL #10 FIELD/POOL EUNICE MONUMENT DATE 6-22-90
 LOCATION 2310 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
 SECTION 24 - T20S - R36E N1/4H COUNTY LEA OPERATOR AMOCO

DF 3546
 KDB to CE _____
 DF to CE _____

Date Completed 11-23-37
 Initial Formation Granburg
 From: 3726 to 3865 COR _____
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data: _____

13 " OD Surface Pipe
 set @ 285 ' w/ 225 sx
 Cmt. Circulated? yes-calc.
 (17 1/4" hole)

NA
 Date N/A - Set Gwiberson OnKum OH per.
 @ 3788 ' No record available of retrieval,
 but log. landed @ 3839 ' in 1985.

Subsequent Workover or Reconditioning:

95/8 " OD 36 " Thd
 CR. _____ Csg
 set @ 2480 ' w/ 600 sx
 Cmt. Circulated? No
 TOC @ 501 ' by CALC.
 (12" hole)

B-69 Acidz. OH 3726-3865 ' w/ 2000 gals.
15% NEA. No chg in prod. @ 1800 b.

2-B5 Perf'd 3588-3680 ' w/ 4.5 SF. Set PLG
 @ 3702 ' + Acidz. OH w/ 1000 gals 15% NEHR
 w/ CRs for block. Acidz. 3588-3680 ' w/
4200 gals. 15% NEHR. RTP. 100% wtr.

4-B5 Set CIOB @ 3715 ' Set CICK @ 3474 '
 + PPD. 25 SK + 75 SK CLASS C' CMT. FAILED
 w/ 175 SK. CLASS C' w/ Additives. Squeezed.
 DOC + CICK to 3715 ' P.O. CIOB + CICK to TD
 @ 3865 ' Tested csg. to 1000 psi OK before
 P.O. CIOB. RTP. A-25 80/190W/2 MCF PD.

3588 ' } Perfs squeezed
 w/ 275 SK. CMT.
3680 ' }

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

7 " OD 22 " Thd
 CR. _____ Csg
 set @ 3726 ' w/ 300 sx
 Cmt. Circulated? No
 TOC @ 1882 ' by CALC.

Remarks Or Additional Data:

6 3/8 " OH. (8 3/4" hole)

PBD 3865
 TD 3865

WELL DATA SHEET

LEASE & WELL NO. GILLULY FED. GAS Com. #17 FIELD/POOL EUMONT DATE 6-22-70
 LOCATION 2200 FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE
 SECTION 24 - T805 - R36E Unit H COUNTY CEA OPERATOR AMOCO

CE 3540KDB to CE _____
DF to CE _____Date Completed 10-23-79Initial Formation Eumont
From: 3294 to 3501 BID MCFPDInitial: Production ☒ 0 bopd 20 bupd
Or: Injection ☐ bupd @ psi

Completion Data:

Perfor. 3294-3501' (126 holes)Acid: 6510 gals. 15% HCl Acid.Frased w/ 29,700 gals. gelled 3% KCl wtr. + 15,300gals. CO₂ w/ 48,000 # 520/40 sd. + 18,000 # 1040 sd.1/2 3 stays.5 1/2" OD Surface Pipe
set @ 1035' w/ 325 ex
Cmt. Circulated? yes - cmt.(12 1/4")

Subsequent Workover or Reconditioning:

Present Inj. ☐ bupd @ _____ psi Data _____
Present Prod. ☐ bopd _____ bupd Data _____
GAS _____ MCFPD _____

Remarks Or Additional Data:

3294-3300'3370-85'3394-3416'3418-25'3428-35'3431-44'3492-3501'PBD 3529
TD 36005 1/2" OD 14 # Thd
Gr. _____ Csg. _____
set @ 3600 w/ 640 ex
Cmt Circulated? NO
TOC @ 195 by TS(7 3/8" hole)

EMS4911

WELL DATA SHEET

LEASE & WELL NO. Gully A Fedl #8 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 1980 FEET FROM South LINE AND 1980 FEET FROM East LINE
 SECTION 24-T-203-R-36 UNIT J COUNTY Lea OPERATOR Amoco

CE _____
 KDB to CE _____
 DF to CE 3551

Date Completed 10-19-37
 Initial Formation Grayburg
 From: 3745 to 3858 GOR _____
 Initial: Production ☐ bopd _____ bupd _____
 OF: Injection ☐ bupd @ _____ psi
 Completion Data: _____

13 " OD Surface Pipe
 set @ 288 ' w/ 200 sx
 Cmt. Circulated? NO
 TOC @ 25 ' by CALC

Comp OH Natural

Subsequent Workover or Reconditioning:

958 " OD 36 " Thd _____
 Gr. _____ Csg _____
 set @ 2483 ' w/ 600 sx
 Cmt. Circulated? NO
 TOC @ 504 ' by CALC

11-81 Tapped fill @ 3832' CO
to 3832-58' Packer set @ 3703'
Packed w/ 12000 Gals 15% Swab
Recovered 278 BLW. Pulled 769 g
CCR. Test 185 hrs. Pumped 58 BD.
250 BLW, 712 BW, 411 MCF

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

7 " OD 22 " Thd _____
 Gr. _____ Csg _____
 set @ 3745 ' w/ 300 sx
 Cmt. Circulated? NO
 TOC @ 1901 ' by CALC

PBD
 TD 3858

Dual

EMS 912 wic

WELL DATA SHEET

Eunice Monument

LEASE & WELL NO. Reed B #12 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 1980 FEET FROM South LINE AND 1980 FEET FROM West LINE
 SECTION 24-T-20S-R-36E UNIT K COUNTY Lea OPERATOR Conoco

CE 3549
 KDB to CE _____
 DF to CE _____

Date Completed 12-4-37
 Initial Formation Grayburg
 From: 3764 to 3861 COR 1357
 Initial: Production ☒ 168 bopd bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

10 3/4" OD Surface Pipe
 set @ 279 w/ 250 sz
 Cnt. Circulated? yes

Natural Completion

4-51 Acidz w/ 3000 Gals

Subsequent Workover or Reconditioning:
6-57 Well Dually Completed,
in Eunice Monument's Eunice.

7 7/8" OD _____ Thd _____
 Gr. _____ Csg _____
 set @ 1140 w/ 423 sz
 Cnt Circulated? yes
 TOC @ Surface by CALC

Perf 3356-62 3370-74
3402-06 3424-30 3490-93 3506-28
3534-38 3542-50 3556-62 3612-16
3624-30 w/ 2 JSPP. Treated
3356-7630 w/ 1000 Gals acid,
& 12000 Gals lsc crude.

3356-62
 3370-74
 3402-06
 3424-30
 3490-93
 3506-28
 3534-38
 3542-50
 3556-62
 3612-16
 3624-30
 } Eunice
 GAS

PRR @ 3707'

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

5 1/2" OD _____ Thd _____
 Gr. _____ Csg _____
 set @ 3764 w/ 423 sz
 Cnt Circulated? yes
 TOC @ Surface by CALC

Remarks Or Additional Data:

OH 3764'-3859

PBD
 TD 3861

EMS4913

WELL DATA SHEET

LEASE & WELL NO. REED 'B' #14 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 1980 FEET FROM South LINE AND 990 FEET FROM West LINE
 SECTION 24, T20S, R36E Unit 4 COUNTY Lea OPERATOR Conoco

DF @ 3653 ' :
 KDB to CE _____ :
 DF to CE _____ :

Date Completed 4-16-38
 Initial Formation Grayburg
 From: 3742 ' to 3863 ' COR 1583
 Initial: Production ☒ 720 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data: _____

10 3/4" OD Surface Pipe
 set @ 204 ' w/ 250 sz
 Cmt. Circulated? surf

Completed on Natural

Subsequent Workover or Reconditioning:

7 9/8" OD 26.4 # _____ Thd
 Gr. _____ Csg
 set @ 1158 ' w/ 425 sz
 Cmt Circulated? Yes
 TOC @ Surf ' by CALC.

6/55- Acqd. OH 21500 gal acid; Test 1580/42AWPD

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

5 1/2" OD 17 # _____ Thd
 Gr. _____ Csg
 set @ 3742 ' w/ 425 sz
 Cmt Circulated? Yes
 TOC @ Surf ' by CALC.

OH 3742-3863'

PBD _____ :
 TD 3863 _____ :

Ems4922wic

WELL DATA SHEET

LEASE & WELL NO. Reed 'B' #13 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 660 FEET FROM South LINE AND 990 FEET FROM West LINE
 SECTION 24, T20S, R36E Unit M COUNTY Lea OPERATOR Conoco

DF ~~3569~~ 3569

KDB to CE

DF to CE

Date Completed 1-10-38Initial Formation ArmstrongFrom: 3746 to 3868 GORInitial: Production ☒ 2088 bopd ☐ bupdOr: Injection ☐ bopd ☐ psi

Completion Data:

Acid OH w/2000 gal reg. acid

10 3/4" OD Surface Pipe
set @ 262' w/ 250 sx
Circ. Circulated? Yes

7 5/8" OD 26.4 # Thd
Gr. Csg
set @ 1199' w/ 425 sx
Circ. Circulated? Yes
TOC @ SURF by CALC.

Subsequent Workover or Reconditioning:

8/56 - Acid OH 3746-3868 w/10000 gal acid
Prod w/ 1 ppq sd. Test 1880/15 BW/833 bopd.

9/60 - Reamed OH. Set 4 1/2" 12.24# Liner @ 3867'
TOL @ 3707. Circ w/ 40 sx. Perf 3810-22, 3838-44.
3850-57. Trtd w/ 1000 gal LSTNCA and Test 2880.
3 BW GOR 436

9/60 - Install Ppg Unit1/80 - Acid w/500 gal 15% Nefea

3/83 - Ran pit to 3866'. Perf 3850-60, 3838-44.
3803-20, 3783-93. Acid w/ 3276 gal 15% Nefea.
Scale inhib. Test 880/13 BW/59 mcf.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

5 1/2" OD 17 # Thd
Gr. Csg
set @ 3746 w/ 425 sx
Circ. Circulated? Yes
TOC @ SURF by CALC

3783-93'
3803-22'
3838-44'
3850-60'

w/2 spf.

4 1/2" 12.24# Liner set @ 3867'
TOL @ 3707. Circ w/ 40 sx.

PB 3866'
 TD 3869

EMS4923

WELL DATA SHEET

LEASE & WELL NO. Reed B¹¹ FIELD/POOL Eunice Monum DATE 6-22-90
 LOCATION 660 FEET FROM South LINE AND 1980 FEET FROM West LINE
 SECTION 24-T-205-R-36E UNIT N COUNTY Lea OPERATOR Conoco

CE _____
 KDS to CE _____
 DF to CE 3560

Date Completed 11-12-37
 Initial Formation Grayburg
 From: 3734 to 3861 COR _____
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bopd @ _____ psi
 Completion Data:

10 3/4 " OD Surface Pipe
 set @ 237 ' w/ 250 sz
 Cmc. Circulated? Yes
 ~CALC.

Subsequent Workover or Reconditioning:

7 5/8 " OD 26.40 Tnd _____
 Gr. _____ Csg _____
 set @ 1164 ' w/ 425 sz
 Cmc. Circulated? Yes
 TOC @ Surface by CALC

9-54 Install Pumping Unit.
3 BOPD increase.
3-65 Ran GR-N Logs. String shot
DH. Acdr. w/ 1000 Gals.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2 " OD _____ Tnd _____
 Gr. _____ Csg _____
 set @ 3734 ' w/ 425 sz
 Cmc. Circulated? NO
 TOC @ 2179 ' by CALC

DH 3810'-3861' PBD
 TD 3861

Replacement to be drilled
Emsu 924 w/c

WELL DATA SHEET

LEASE & WELL NO. Gillully Fedl. Gas Com #7 FIELD/POOL Eumont DATE 6-22-90
LOCATION 660 FEET FROM South LINE AND 1980 FEET FROM East LINE
SECTION 24-T-20S-R-36E UNIT 0 COUNTY Lea OPERATOR Amoco

DF # 3542

KDB to CE

DF to CE

Date Completed 9-14-37

Initial Formation Garysburg

From: 3750 to 3858 GOR 578

Initial: Production ☒ 1800 bopd ☐ bupd

Or: Injection ☐ bupd ☐ psi

Completion Data:

Acid OH w/ 1000 gal reg. acid

13 3/8" OD Surface Pipe
set @ 298' w/ 200 sx
Cmt. Circulated? NO
TOC @ 12' by calc.

Subsequent Workover or Reconditioning:

9 5/8" OD 36 # Thd
Gr. CSG
set @ 2515' w/ 600 sx
Cmt. Circulated? NO
TOC @ 536' by CALC

11-70 Well shut in due to 100% WTR prod. & rod failure.

5-71 SQZ OH 3750-3858 w/ 325 SX CMT. Perf 3686-3733 various intervals. Acid w/ 1000 Gal 1570 NE. Evaluated - Dry, Shut-IN.

1-75 Recompleted in Eumont Abandoned Eunice 6 SA Zone. Set CIAPC 3650. CMT behind 7" CSG thru perfs 2683-85 w/ 200 sx cmt. CO to PIS 3650. Eumont Perf 2683-85, 2703, 06-12, 16-33, 47-50, 58-71, 90-2500, 2819-21, 33-36, 64-74, 82-88, 91-95, 2912-17, 20-22, 28-30, 32-34, 37-42, 46-54, 61-63, 65-67, 70-76, 3040-44, 48-50, 66-68, 70-72, 80-82, 95-3103, 11-21, 26-33, 37-40, 52-70, 90-97, 3212-20, 48-50, 54-62, 68-70, 79-86, 96-98, 3312-14, 25-30, 38-50, 54-57, 72-76, 82-86, 93-95, 2403-05, 10-16, 18-23, 87-90, 3494-3516, 20-26, 29-33, 40-50, 60-62, 70-74, 95-3601, 04-13 w/ 2 JSPF. Acid w/ 1000 Gal 1570, 2683-3423 w/ 4500 Gal 1570, Frased 2683-3613 w/ 18000 Gal poly. 180000 # 50.

CMT behind 7" CSG
thru Perfs 2683-85
w/ 200 sx cmt

2683'-3613'
w/ 2 JSPF

(see Remarks right
for various Perfs)

CIAPC 3650'

3686-3733'

Cmt retr @ 3746'.
SQZ OH 3750-3858
w/ 325 SX CMT

7" OD 22 # Thd
Gr. CSG
set @ 3750' w/ 500 sx
Cmt. Circulated? NO
TOC @ 627' by CALC

SQZ OH w/ 1525 SX CMT

PBD 3650
TD 3858

Present Inj. ☐ bupd @ _____ psi Date _____
Present Prod. ☐ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data:

VI. Well Schema
tics-Outside
Unit Area

WELL DATA SHEET

LEASE & WELL NO. STATE 'J' #2 FIELD/POOL Emmelle Monument DATE 6-20-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 2 - T20S-R36E Unit J COUNTY LCA OPERATOR AMERADA

CE 3597 '
 KDB to CE _____
 DF to CE _____

Date Completed 1-22-36
 Initial Formation GRAYBURG
 From: 3784 to 3900 ' GOR 888
 Initial: Production ☒ 544 bopd 0 bupd
 Or: Injection ☐ _____ bupd 0 psi
 Completion Data:

Natural

12 1/2" OD Surface Pipe
 set @ 197 ' w/ 150 sz
 Cmt. Circulated? yes - calc.

Subsequent Workover or Reconditioning:

8 5/8" OD 32# Thd
 Gr. _____ Csg
 set @ 2333 ' w/ 500 sz
 Cmt Circulated? NO
 TOC @ 26673 ' by CALC

1-72 RAN GR-N. Strain shot OH 3902-82' Perfor OH 3921-62'
w/ 15PF + 3862-82' w/ 25PF. Frac OH w/ 13,544 cu oil, 15,750' sq.
8-79 Perfor OH 3812-3862' Acid OH 3791
TD 3900' w/ 6500 GALS. 20% HEPHCL + 6500
944 GRW WF-30 using GRS + J-145 for block.
1-76 Strain shot OH 3800-3850' w/ 1506 cu oil. C/O
to TD. Perfor. scale inhibitor. RTP.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

6 5/8" OD 24# Thd
 Gr. _____ Csg
 set @ 3784 ' w/ 125 sz
 Cmt Circulated? NO
 TOC @ 3016 ' by CALC

PBD 3900 '
 TD 3900 '

WELL DATA SHEET

LEASE & WELL NO. STATE J #3 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 1980 FEET FROM SOUTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 2 - T20S-R36E Unit K COUNTY LEA OPERATOR AMERADA

CE 3612
 KDB to CE _____
 DF to CE _____

Date Completed 4-13-36
 Initial Formation GRAYBURG
 From: 3810 to 3930 GOR 72R
 Initial: Production ☒ 577 bopd 1 bupd
 Or: Injection ☐ bopd 0 psi
 Completion Data:

NATURAL

12 1/2" OD Surface Pipe
 set @ 162' w/ 150 sx
 Cmt. Circulated? YES-CALC.

Subsequent Workover or Reconditioning:

8 5/8" OD 3B # _____ Thd
 Cr. _____ Csg
 set @ 2346' w/ 500 sx
 Cmt Circulated? NO
 TOC @ 760' by CALC

B-49 Cut 6 5/8" csg. @ 2430' LID 85' to RAN
84 jts 6 5/8" csg. + 7 5/8" x 6 5/8" x 4' Long Branch-Ross
CASING Bore. Tested to 1400 psi. OK. RAN Hg. +
 PKR. RTP.

4-56 RAN GR-N Log. Perf'd 6 5/8" csg. @ 3338-3434'
 w/ 384 shots. RAN 3 1/2" Hg. w/ Brown duo-Roller.
 Set PKR. @ 3780'. Acidized perfs 3338-3434' w/
500 gals. 15% Acid. Frased same perfs w/ 10,000 gals
oil + 10,000 # sd. 18 BPM @ 1600 psi. Swabbed well in
 Now dual completion w/ Eunice flowing up csg.
11-66 Pull Hg. + PKR. String-shot 3829-3929 OH.
 w/ 200 GRAINS. Swabbed-in Eunice. Closed SS +
 Acid? GIB OH w/ 1000 gals. 15% NEA.

4-74 Pulled thru PKR. Perf'd OH 3817' to 3870' w/
15PF (15 tot N). Acid? OH w/ 5000 gals. 15% NEA
 w/ 200 # Rock Salt. RTP.

4-77 Pulled P.E. Set RBP @ 3481'. Set PKR. @ 3225'
5000 gals. Eunice perfs w/ 279 SKS. Cmt. Tested to
1000 psi. OK. Retrieved RBP. RAN 27 1/8" Hg. to
 "Single" OH Grayburg. A-P 3180, 47 BW, NHOG.

Eunice perfs
3338-3434'
 (384 holes)
 Set D w/ 279 SKS. 4/77.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

6 5/8" OD 24 # _____ Thd
 Cr. _____ Csg
 set @ 3810' w/ 100 sx
 Cmt Circulated? NO
 TOC @ 2875' by CALC

PBD 3930
 TD 3930

WELL DATA SHEET

LEASE & WELL NO. STATE 'J' #4 FIELD/POOL EUMONT QUEEN DATE 6-20-90
 LOCATION 2081 FEET FROM WEST LINE AND 1900 FEET FROM SOUTH LINE
 SECTION 2 - T20S - R36E Unit K COUNTY LEA OPERATOR AMERADA

GE 3588
 KDB to GE 10
 DF to GE

8 5/8 " OD Surface Pipe
 set @ 388 ' w/ 350 sx
 Cmt. Circulated? yes
 (12 1/4" hole)

Date Completed 3-29-76
 Initial Formation EUMONT
 From: 3348 to 3467 COR
 Initial: Production ☒ bopd bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

1-76 F 1050 MCF/GPD on 1 1/2" choke.

Perf'd Eumont 3348' 57' 61' 63' 68' 71'
73' 75' 77' 84' 86' 95' 98' 340' 04' 07' 13' 15'
22' 24' 27' 29' 49' 51' 65' 67' w/ 15FF.
Acid w/ 4000 gals 15% NEMCL.

Subsequent Workover or Reconditioning:

6-76 Acid. perf's 3348-3467' w/ 2000 Gals.
15% LST FE Acid. RTP.

5-77 Rm. PKF + set @ 3292' Frk. Eumont
perfs 3348-3467' w/ 30,000 Gals of 50/50
gelled 3 1/2 KCl w/ 1% CO₂ w/ 27,000# 20/40sd.
& 9000# 10/20sd. Swabbed + RTP.
F 1100 MCF/GPD.

Eumont
3348-3467'
 (26 holes)

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCF/GPD

Remarks Or Additional Data:

PB 3475'
 PBD 3475
 TD 3500

4 1/2 " OD # Thd
 Gr. Csg.
 set @ 3479 ' w/ 1150 sx
 Cmt Circulated? yes
 TOC @ surf by calc.

(7 7/8" hole)

WELL DATA SHEET

LEASE & WELL NO. STATE A' #1 FIELD/POOL Eunice Monument Gb/1A DATE 6-25-90
 LOCATION 2310 FEET FROM SOUTH LINE AND 990 FEET FROM WEST LINE
 SECTION 2, T20S, R36E Unit L COUNTY Lea OPERATOR Durham, Inc.

17 1/4"

12 1/4"

8 3/4"

DF ~~CE~~ 3604

KDS to CE _____
 DF to CE _____

13 " OD Surface Pipe
 set @ 255' w/ 200 sx
 Cmt. Circulated? Yes
 CALL.

95/8 " OD 36 " Thd
 Cr. _____ Csg
 set @ 1210' w/ 500 sx
 Cmt. Circulated? Yes
 TOC @ 5uef by CALL.

7 " OD 24 " Thd
 Cr. _____ Csg
 set @ 3773' w/ 200 sx
 Cmt. Circulated? No
 TOC @ 2543' by CALL.

OH 3773-3899'

Date Completed 6-1-36
 Initial Formation Grayburg
 From: 3773 to 2500 GOR _____
 Initial: Production ☒ 1023 bopd _____ bupd _____
 Or: Injection ☐ bopd @ _____ psi
 Completion Data:

Completed OH 3773-3899' NATURAL

Subsequent Workover or Reconditioning:

9154- Acid OH w/ 1000 gal Acid. Test 418-PO
GDR 363

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

PBD _____
 TD 3899

WELL DATA SHEET

LEASE & WELL NO. STATE 'S' #2 FIELD/POUL EUNICE MONUMENT DATE 6-20-90
 LOCATION 660 FEET FROM SOUTH LINE AND 660 FEET FROM WEST LINE
 SECTION 2 - T20S - R36E Unit M COUNTY LEA OPERATOR AMERADA

CE 3592
 KDB to CE
 DF to CE 15

Date Completed 7-18-36
 Initial Formation GRAYBURG
 From: 3920 to GOR 975
 Initial: Production ☒ 1219 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

12 1/4" OD Surface Pipe
 set @ 224' w/ 150 sx
 Cmt. Circulated? yes-calc.
 (17 1/2" hole)

NATURAL thru 2 1/2" log. + PKR @ 3830'

Subsequent Workover or Reconditioning:

8 5/8" OD 0 Thd
 Gr. 0 Csg
 set @ 2435' w/ 500 sx
 Cmt. Circulated? no
 TOC @ 1817' by CAC.
 (11" hole)

B-4B Killed well. Set GRBPE 3730'. RAN PER.
+ located csg. leak @ 1114-16'. cut csg. off @
2350' + pulled. RAN BARK-ROSS Casing Bowl +
72 lbs. of 65lb 20, 24 + 26 # csg. RAN 550' bit
drilled out to TD. RAN spinner survey. PB w/
down plastic 3920' to 3907'. Swab-tested well.
Calipered hole. Had B" was about 3734-3823'. Set
Murphy plug @ 3820'. Dumped gravel 1500' to
370' w/ 10' plastic cap to 370'. Set 125 gals.
plastic. Top @ 3741'. Drilled out plastic to 3767'
RAN PST w/ PKR @ 3748'. Drilled out to sand
+ washed to 6ft. @ 3718'. RAN Guiberson PKR
on 2 1/2" log. to 3707'. Swabbed well in. RTP.

1-75 Perforated OH 3778-3820' w/ 1 shot/eff. +
3824-3837' w/ 2 shots. Acids. OH 3756-3718'
w/ 1500 GALS. 15% NEA. RTP. Prod. chemical
squeezes.

11-76 Perforated OH w/ 15PF 3740-3816'. Acids.
w/ 2500 GALS. 15% NEA. Finished + prod.
chemical squeeze. RTP.

1-80 Tag. 6ft. @ 3718'. RAN PKR + set @ 3667'.
Acids. OH w/ 1500 GALS. 20% NEFE ACID. Polymer
squeezed. CT 48 hrs. RTP. A-3820/154 SW.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

6 5/8" OD 20 # 10" Thd
 Gr. 0 Csg
 set @ 3736' w/ 100 sx
 Cmt. Circulated? no
 TOC @ 2821' by CAC.
 (7 7/8" hole)

PBD 3718
 TD 3920

WELL DATA SHEET

LEASE & WELL NO. STATE 'S' #1 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 660 FEET FROM SOUTH LINE AND 1320 FEET FROM WEST LINE
 SECTION 2 - T205-R36E Unit N COUNTY LEA OPERATOR AMERADA

CE 3592 '
 KDB to CE 13 '
 DF to CE 12 '

Date Completed 5-28-36
 Initial Formation GRAYBURG
 From: 3811 to 3915 GOR
 Initial: Production ☒ 1272 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data: _____

12 1/2" OD Surface Pipe
 set @ 216 ' w/ 150 sz
 Cmt. Circulated? NO-CALC
 (17 1/2" hole)

Subsequent Workover or Reconditioning:

8 5/8" OD 28 # 8 Thd
 Gr. _____ Csg _____
 set @ 2372 ' w/ 500 sz
 Cmt Circulated? no
 TOC @ 555 ' by CMC
 (11" hole)

1-59 PPD. 10 bbls. crude. 260 gals. 15% NEA
 into OH 3811-3915' Flashed w/ 100 bbls.
 crude oil. Placed on rod pump.
 2 - 360/08W/19 MCFD
 A - 9880/08W/228 MCFD
 7-68 Acid. w/ 500 gals NEA.
 12-78 RAN 578" bit. C/O to TD. Part'd OH
 3818-3864' Acid. OH w/ 6500 gals.
 20% NEFA RTP.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFD

Remarks Or Additional Data:

6 5/8" OD 20 # _____ Thd
 Gr. _____ Csg _____
 set @ 3811 ' w/ 100 sz
 Cmt Circulated? no
 TOC @ 2876 ' by CMC.
 (7 1/8" hole)

PBD 3915 '
 TD 3915 '

WELL DATA SHEET

LEASE & WELL NO. STATE 'J' #1 FIELD/POOL EUNICE MONUMENT DATE 6-20-90
 LOCATION 4620 FEET FROM NORTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 2 - T20S - R36E Unit 0 COUNTY LEA OPERATOR AMERADA

CE 3591 '
 KDB to CE _____
 DF to CE _____

Date Completed 1-22-36
 Initial Formation GRAYBURG
 From: 3789 ' to 3921 ' GOR 2619
 Initial: Production ☒ 384 bopd 0 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

12 1/2" OD Surface Pipe
 set @ 220 ' w/ 150 sx
 Cmt. Circulated? yes-calc.
 (16" hole)

Acqd. w/ 2000 GALS NEA.
Form. packer @ 3815'

Subsequent Workover or Reconditioning:

9 5/8" OD 36" Thd
 Gr. _____ Csg _____
 set @ 2378 ' w/ 500 sx
 Cmt. Circulated? no
 TOC @ 903 ' by calc.
 (12" hole)

11-73 Pulled tbg. + formation packer. Placed
well on rod-pump R/P.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

7" OD 24" 10" Thd
 Gr. _____ Csg _____
 set @ 3789 ' w/ 200 sx
 Cmt. Circulated? no
 TOC @ 2560 ' by calc.
 (8 3/4" hole)

PBD 3921 '
 TD 3921 '

WELL DATA SHEET

LEASE & WELL NO. GRAHAM STATE (CT-B) #1 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 660 FEET FROM SOUTH LINE AND 660 FEET FROM EAST LINE
 SECTION 2 - T20S-R36E Unit P COUNTY LEA OPERATOR CHEVRON

CE 3579
 KDB to CE 7
 DF to CE _____

Date Completed 11-21-35
 Initial Formation GRAYBURG
 From: 3697 to 3903 GOR 580
 Initial: Production ☒ 4300 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

13 " OD Surface Pipe
 set @ 254 ' w/ 250 sx
 Cmt. Circulated? _____

Natural Compl. _____

Subsequent Workover or Reconditioning:

95/8 " OD 36 # Thd
 Gr. _____ Csg
 set @ 253 ' w/ 800 sx*
 Cmt Circulated? yes
 TOC @ Surf. by calc.
 *Re-cemented w/ 200sx.

2-40 Set OH PKR @ 3882 ' Wall Flowed 115 BO
1/2 BW w/ 712 MCFB. 8-4 WNF.
7-41 Recov. OH PKR. RAN OH CIGR @ 3871 ' Prod.
50 sx. cmt. + squeeze to 2000 *. OH rtmr. failed,
 cmt. thg. in hole, washed over to, to 3860 ' .
 Left cirt. tool, nipple, + OH PKR in hole @ 3855 ' .
 RTP. B - WNF
A - F4080, 78 BW, GAS N/A ON 1/2" choke
9-41 Acidz. w/ 2000 GAK.
7-42 Cmt. w/ 6 sx. 3860 to 3849 ' Set EXNER
 DODGE UNDERSET PKR @ 3752 ' Csg. press. 2400 *.
B - WNF
A - 3780, 18 BW, GOR 246
4-47 Fished PKR. LIP 3 " thg. RAN 2 " thg. w/ Flow
 valves @ 1075 ' , 1316 ' , 1564 ' , 1810 ' , 2057 ' , 2304 ' , 2554 ' .
2803 ' + 3051 ' . A - F7580, 225 BW, 17 MMCFB.
11-50 Placed on GAS lift. A - F4580, 342 BW, NMOG.
7-53 Repl. 2318 " thg. w/ 2718 " thg. Placed well on
 VOA pump. B - 4880, 483 BW, NMOG
A - 4980, 365 BW, 18 MMCFB.
8-54 Believed to be leak in 7 " csg. RAN PKR. to
3653 ' + tested csg. to 1000 psi for 30 min. OK.
10-73 Acidz. w/ 750 gals. HCL.
B - 8/308/NMOG
A - 24/288/NMOG
2-74 Acidz. OH w/ 3000 GAK. 153 HCL.
10-78 MICH. Spotted 2 sx. sand on btm. PB w/
 hydramite to 3789 ' RTP.
4-81 Thg. PBTDC 3848 ' . Dumped sd. up to 3812 ' . Pump
 hydramite to 3790 ' . RTP B - 9136/115 A - 9169/18

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ 21 bopd 84 bupd Date 5-5-90
 GAS 7.0 MCFPD

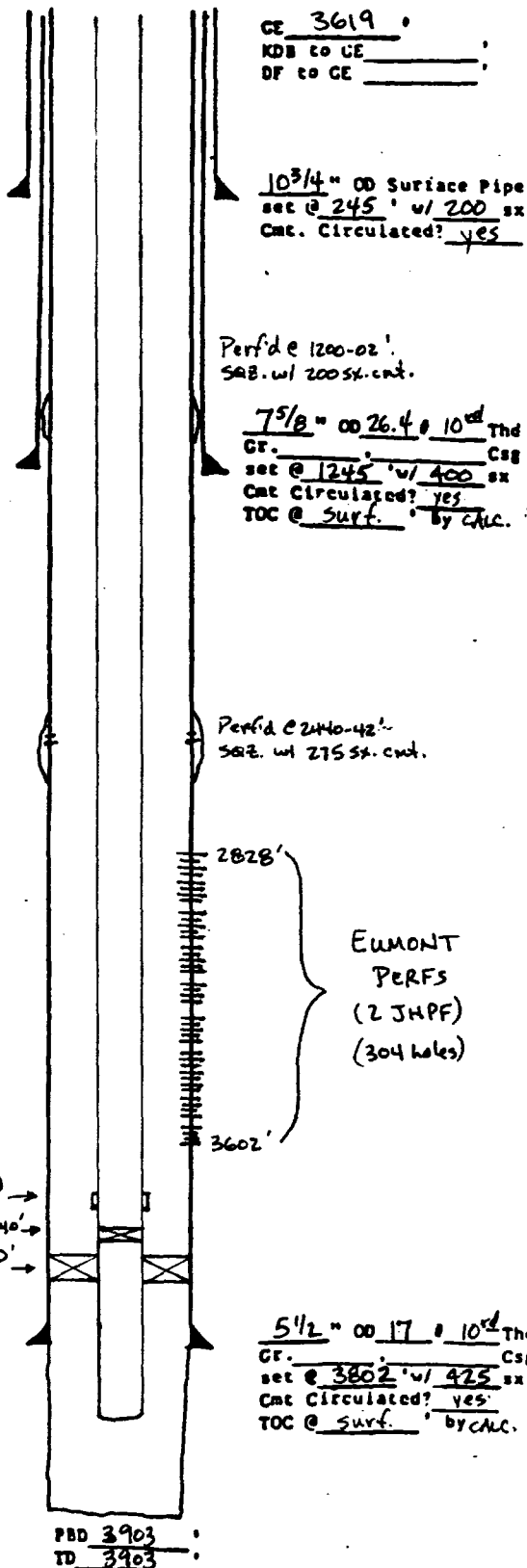
Remarks Or Additional Data:

7 " OD 24 # Thd
 Gr. _____ Csg
 set @ 3697 ' w/ 125 sx
 Cmt Circulated? No
 TOC @ 2540 ' by T.S.

Hydramite → PB 3790 '
 SAND →
 CMT →
 HOWCO OH →
 PKR (CIGR) →
 PRD 3790 '
 TD 3903 '

WELL DATA SHEET

LEASE & WELL NO. REED 'A-3' #3 FIELD/POOL EUMONT Y-SR-Q DATE 6-20-90
 LOCATION 1980 FEET FROM SOUTH LINE AND 660 FEET FROM EAST LINE
 SECTION 3 - T20S-R36E Unit I COUNTY LEA OPERATOR CONOCO



Date Completed 9-1-36
 Initial Formation GRAYBURS
 From: 3802 to 3930 COR 1562
 Initial: Production ☒ 768 bopd ☐ bopd
 Or: Injection ☐ bopd @ psi
 Completion Data:

NATURAL COMPL.

Subsequent Workover or Reconditioning:

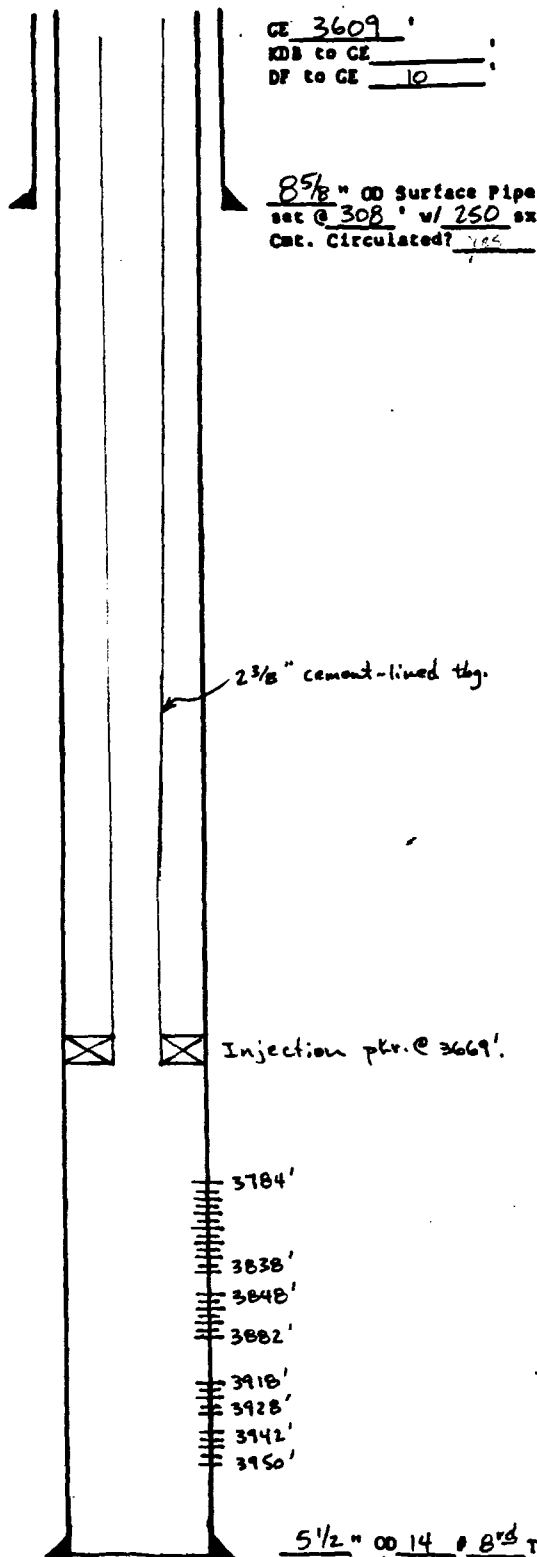
9-56 Dual w/ EUMONT; RAW GR-N log. Perf'd
5 1/2" Csg. in Eumont 2828-41, 2850-58, 2920-42,
3041-58, 3100-08, 3124-30, 3317-20, 3384-3402, 3510-22,
3536-72, 3578-88, + 3594-3602' w/ 2 JHPF. Set
PKR. @ 3745' + treated perfs 3510-3602' w/ 500
gals. acid + 10,000 gals. oil w/ 1 PPG SAND. RAW
Brown Type 'D' PKR on 28 1/8" tbg. + set @
3745'. Well now dualled E-M + Eumont.
A-E-M flowed 48 BOPD, 9 BWPD, 67 MCFPD.
Eum flowed 26,000 MCFPD AOF.
8-74 Set this w/ tubing plug @ 3740' to T/A
the E-M Graybury + produce Eumont Gas up
tbg. thru Garrett sliding sleeve @ 3716'.
7-79 Pull P.C. Perf @ 2440-42' w/ 4 SPF. Set w/
275 sx. CLASS 'C' cmt. Test csg. to 1000 psi. OK.
Perf. 1200-02' w/ 4 SPF. Set w/ 200 sx. cmt. W.C.
DOC + test to 500 psi. Held OK. RTP in Eumont.

Present Inj. ☐ bopd @ psi Date
 Present Prod. ☐ bopd bopd Date
 GAS MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. REED SANDERSON UT. #12 FIELD/POOL EUMONT Y-SR-Q DATE 6-20-90
 LOCATION 660 FEET FROM SOUTH LINE AND 2310 FEET FROM EAST LINE
 SECTION 3 - T20S - R36E Unit 0 COUNTY LEA OPERATOR CONOCO



CE 3609
 KID to CE
 DF to CE 10

8 5/8 " OD Surface Pipe
 set @ 308 ' w/ 250 sx
 Cmt. Circulated? yes

Date Completed 8-13-57
 Initial Formation Queen
 From: 3784 to 3950 GOR
 Initial: Production 242 bopd 11 bupd
 Or: Injection 1 bupd @ psi
 Completion Date:

Perf'd 3784-3838 3848-82 3918-28 3942-50
 Acids: w/ 1250 GALS. 15% NEA. Frac w/ 16,000 gals
 lse. crude w/ 1 PPS SAND.

Subsequent Workover or Reconditioning:

6-67 Converted well to WI for Reed-Sanderson
 Unit. POH w/ P.E. RAN inj PKr. on 23 1/2"
 Cement-lined tbg. Set PKr @ 3698'. PWDI
 @ 617 BNIPD @ 0590"
11-85 MIPA. POH w/ PKr. Set trlg. PKr @ 3668'
 & Acids: w/ 35 bbls. 15% HCl w/ 25% xylene.
 POH. Re-set inj. PKr. @ 3576'. POH. C/O from
3962' to 4000'. Re-set PKr @ 3669' + Acids: w/
35 bbls. 15% HCl w/ 25% xylene. Returned well
 to WI.
4-89 SI well for study.
5-89 RAN cog. integrity test. Remained SI.

2 3/8 " cement-lined tbg.
 Injection PKr. @ 3669'

3784'
3838'
3848'
3882'
3918'
3928'
3942'
3950'

PBD 4000
 TD 4000

5 1/2 " OD 14 # 8 Tnd
 Gr. I-55 Csg.
 set @ 3999 w/ 1395 sx
 Cmt. Circulated? yes
 TOC @ surf by 25 CALC.

Present Inj. ☒ SI bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. REED 'A-3' #4 FIELD/POOL EUMONT Y-SR-Q DATE 6-20-90
 LOCATION 660 FEET FROM SOUTH LINE AND 660 FEET FROM EAST LINE
 SECTION 3 - T20S-R36E Unit P COUNTY LEA OPERATOR CONOCO

DF 3611

KDB to CE

DF to CE

Date Completed 11-1-36Initial Formation GRAYBARKFrom: 3768 to 3851 COR 1985Initial: Production ☒ 1128 bopd 0 bupdOr: Injection ☐ bupd @ psi

Completion Data:

NATURAL Comp.

10 3/4" OD Surface Pipe
 set @ 272' w/ 250 sx
 Cmt. Circulated? yes

7 5/8" OD 26.4 # 8" Thd
 Gr. Csg
 set @ 1278' w/ 425 sx
 Cmt Circulated? yes
 TOC @ SURF by CALC.

Subsequent Workover or Reconditioning:

3-47 Deepened well from 3851 to 3885.
 Perf'd OH 3860-3885. A-6480/48W

7-71 TAD well - UNECOMPL.
5-80 Set CIBP @ 3739'. Pump 53x cmt on top.
 Perf. Eumont 3717, 3710, 3693, 3686, 3681,
3677, 3650, 3634, 3611, 3595, 3578, 3565, 3550,
3532 w/ 2 S.P.F. + 3900-15', 3455-60' w/ 1 S.P.F.
 Acid: w/ 2400 gals. 15% HCL Acid. Frac
 w/ 53,800 gals. gelled brine w/ 114 tons CO₂
 + 100,000 # 20/40 sand.

B-TAD E-M.

A-1680, 27BW, 273 MCFPD, PMH.

3400-15' Eumont parts
3455-60' 1 SHPF (20 holes)

3532' Eumont parts
 2 SHPF (28 holes)

3717'CIBP @ 3739' w/ CMT. CAP

5 1/2" OD 17 # 10" Thd
 Gr. Csg
 set @ 3768' w/ 425 sx
 Cmt Circulated? yes
 TOC @ CIBP by CALC.

PBD 3731
 TD 3885

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. REED-SANDERSON Ut. #19 FIELD/POOL EUNONT DATE 6-20-90LOCATION 660 FEET FROM NORTH LINE AND 2310 FEET FROM EAST LINESECTION 10 - T20S - R3E Unit B COUNTY LEA OPERATOR CONOCOGE 3611
KOB to GE _____
DF to GE _____Date Completed 9-16-57
Initial Formation Queen
From: 3780 to 3913 COR _____
Initial: Production ☒ 51 bopd 0 bupd
Or: Injection ☐ _____ bupd @ _____ psi

Completion Data:

8 5/8" OD Surface Pipe
set @ 307' w/ 250 sx
Circ. Circulated? yes-calc.Perf'd 3780-92', 3796-3808', 3822-26',
3838-44', 3846-48', 3868-75', 3882-86',
3898-3904', & 3907-13'.

Frac w/ 18,000 gals 180 oil w/ 1 ppv gal.

Subsequent Workover or Reconditioning:

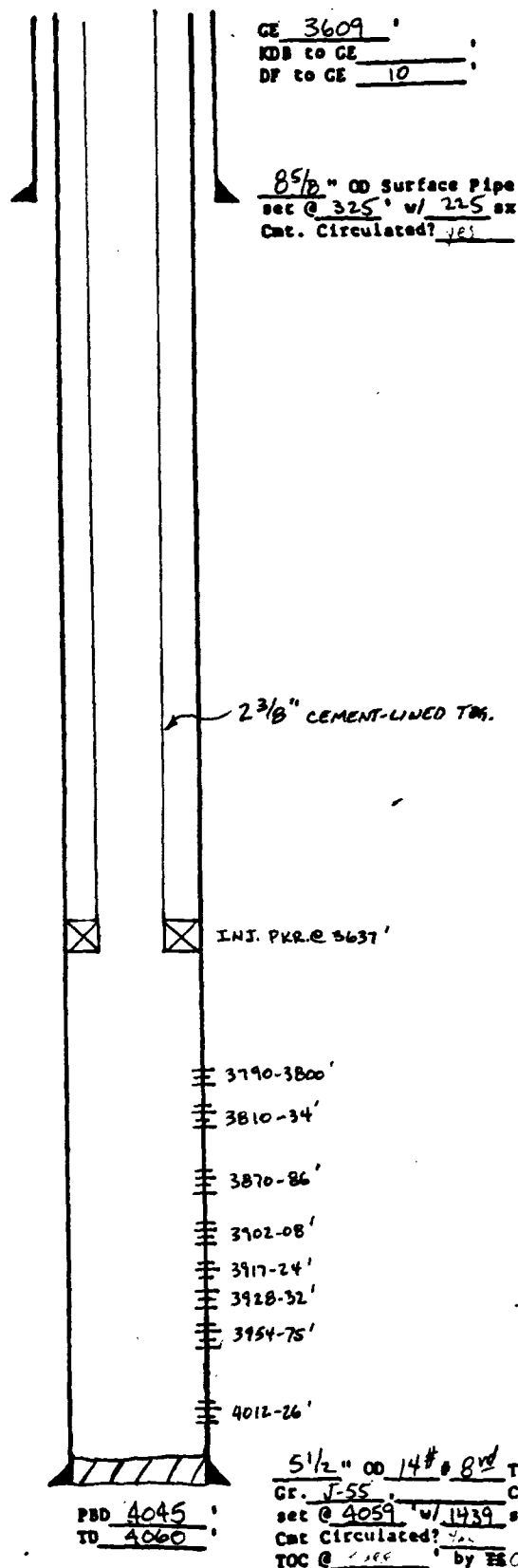
1-69 Perf'd 3750-75' w/ 1 JHFF. Acids. perf's
w/ 2500 gals. 15% CSTNE Acid. Treated all perf's
w/ inhibitor. B-12 BW, 12 BW, NONG
A-40 BW, 30 BW, 181 MCFPD.3750'
3775' } Added Eunont
perfs 1-69:
(1 JHFF-25 holes)3780'
3913' } Original perfs:
3780-3913'
2 JHFF
(110 holes)Present Inj. ☐ _____ bupd @ _____ psi Date _____
Present Prod. ☐ _____ bopd _____ bupd Date _____
GAS _____ MCFPD

Remarks Or Additional Data: _____

PBD 3999
TD 40005 1/2" OD 14 # 8" Thd
Gr. BJ-55, Csg. _____
set @ 3999' w/ 370 sx
Circ. Circulated? yes
TOC @ surf. by me calc.

WELL DATA SHEET

LEASE & WELL NO. REED-SANDERSON UT.#18 FIELD/POOL EUMONT Y-SR-Q DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 10 - T20S-R36E UNIT C COUNTY LEA OPERATOR CONOCO



Date Completed 10-16-55
 Initial Formation Queen
 From: 3790 to 3975 GOR 325
 Initial: Production ☒ 876 bopd 0 bupd
 Or: Injection ☐ bopd @ 0 psi
 Completion Data:

Perf'd 3790-3800', 3810-34', 3870-86', 3902-08',
3917-24', 3928-32', + 3954-75' (Total 353 holes)
 + 4012-26' (56 holes)
 Acids: 4012-26' w/ 1000 Gals. NEA + Frac w/ 6000
 gals. oil w/ 1 PPG sand. Acids: 3954-75' w/ 1000
 gals. NEA + Frac w/ 6000 gals. oil w/ 1 PPG sand.
 Acids: 3790-3932' w/ 2000 gals. NEA + Frac w/
 12,000 gals. oil w/ 1 PPG sand. Set CROP @ 3926'.

Subsequent Workover or Reconditioning:

6-67 C/O to CROP @ 3996'. Drilled out BP +
 C/O to PBTD @ 4045'. Ran 2 3/8" cement-lined
 tub w/ inj. PKR. Set PKR @ 3694'. PWDI @ 484
 BWTID @ 0 psi.

11-85 POH w/ H₂O + PKR. C/O fill from 3990' to
4045'. Set PKR @ 3637' + Acids. w/ 40 bbls
 15% HCl Acid w/ 2% xylene. Circ. PKR. fluid
 + set PKR @ 3637'. PWDI.

Present Inj. ☐ bupd @ 0 psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. ETCHEVERRY #1 FIELD/POOL EUMONT DATE 6-20-90
 LOCATION 2310 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 10 T20S-R36E Unit G COUNTY LEA OPERATOR TWO STATES OIL

CE 3600
 KOB to CE _____
 DF to CE _____

Date Completed 4-2-38
 Initial Formation EUMONT
 From: 3684 to 3894 COR 1442
 Initial: Production 0 bopd 0 bopd
 Or: Injection 0 bopd 0 psi
 Completion Data:

7 5/8" OD Surface Pipe
set @ 243' w/ 175' ex
 Cmt. Circulated? yes-calc.

Acidz. w/ 2000 GALS 15% ACID
Re-Acidz. w/ 3000 GALS 15% ACID

Subsequent Workover or Reconditioning:

10-58 Replaced Hg. w/ new 2 3/8" Hg.
B- 3/1/53 (O/W/S)
A- 11/2/31 (O/W/S)

12-69 EQUIP well to pump.
B- PEND
A- 30/12/5 (O/W/S)

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

PBD 3894
 TD 3894

5 1/2" OD 15 # Thd _____
 CE _____ Csg. _____
 set @ 3684 w/ 250 sx
 Cmt Circulated? No
 TOC @ 918 by MCALC.

WELL DATA SHEET

LEASE & WELL NO. ETCHEVERRY #2 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 2970 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 10 - T20S-R36E Unit I COUNTY LEA OPERATOR TWO STATES OIL

CE 3597

KDB to CE

DF to CE

Date Completed 6-28-38Initial Formation QueenFrom: 3726 to 3886 COR 102,000Initial: Production ☒ 14 bopd 1 bupdOr: Injection ☐ bopd 0 psi

Completion Data:

10 3/4" OD Surface Pipe
 set @ 112 ' w/ 150 sx
 Cmt. Circulated?

Acid. w/ 3000 Gals 15% NEA. 3726-3886'
 Acid. w/ 2000 Gals 15% NEA. 3726-3886'
 Acid. w/ 3000 Gals 15% NEA. 3726-3886'
 NITRO-SHOT w/ 200 gals. NITRO. 3756-3804'
 (After PD w/ cement to 3804')

Subsequent Workover or Reconditioning:

7 5/8" OD 26 Thd
 Gr. Csg
 set @ 1361 ' w/ 150 sx
 Cmt Circulated? No
 TOC @ 716 ' by CALC.

7-58 Pulled the Raw pr. & tested csg. to
 500 psi. OK. Frac. OH. w/ 5000 gals gelled wtr
 w/ 1000 SAND. Swab + RTP.
 B- 4/11/49 (O/W/G)
 A- 24/10/394 (O/W/G)

4-74 Acid. OH 3726-3804 w/ 500 Gals 15% NEA.
 Set PMG UNIT. RTP PMG.
 B- WNF.
 A- 25/6/265 (O/W/G)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OD 15 Thd
 Gr. Csg
 set @ 3726 ' w/ 250 sx
 Cmt Circulated? NO
 TOC @ 960 ' by CALC.

PBD 3804
 TD 3886

WELL DATA SHEET

LEASE & WELL NO. H. W. Andrews #2 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 660 FEET FROM North LINE AND 660 FEET FROM East LINE
 SECTION 11, T20S, R36E Unit A COUNTY Lea OPERATOR Amerada Hess

CE _____
 KDB to CE _____
 DF 3583

Date Completed 1-19-36
 Initial Formation Blanchard
 From: 3760 to 3895 GOR 1271
 Initial: Production ☒ 1416 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd _____ psi _____
 Completion Data: _____

12 1/2" OD Surface Pipe
 set @ 184' w/ 150 sx
 Cmt. Circulated? yes
 by CALC.

Acid w/ 2000 gal reg. Acid.

Subsequent Workover or Reconditioning:

9 5/8" OD 36" Thd
 Cr. _____ Csg _____
 set @ 2333' w/ 500 sx
 Cmt. Circulated? No
 TOC @ 858' by CALC.

1/67 - Spool 30 sx plug 3895-3801. Acid OH
w/ 500 gal 15% NEA.

3/65 - String shot OH. Acid w/ 1000 gal 15% NEA

8/75 - String shot OH. Acid w/ 2000 gal 15% NEA

12/77 - String shot OH. Trt w/ 4000 gal 15% NEA
& 3000 gal wtr w/ 165 gal seal-free. Test 5680/5600.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

7" OD 24" Thd
 Cr. _____ Csg _____
 set @ 3760' w/ 100 sx
 Cmt. Circulated? No
 TOC @ 3145' by CALC.

3 PB w/ cnd to 3801', 30 sx.

PBD 3801
 TD 3895

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #3 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 1980 FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE
 SECTION 11, T20S, R36E Unit H COUNTY Lea OPERATOR Amerada Hess

CE _____
 KDB to CE _____
 DF 3574

Date Completed Oct. 21, 1936
 Initial Formation Grayburg
 From: 3803 to 3290 GOR 1779
 Initial: Production ☒ 353 bopd ☐ bupd
 Or: Injection ☐ bupd ☐ psi
 Completion Data:
Comp OH natural.

12 1/2 " OD Surface Pipe
 set @ 200 ' w/ 200 sz
 Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

8 5/8 " OD _____ Tnd
 Gr. _____ Csg
 set @ 2355 ' w/ 500 sz
 Cmt Circulated? NO
 TOC @ 1236 ' by CALC.

8/66 - Ran GR/N. String shot OH 3803-3890'.
 Acid OH w/ 1000 gal 15% NEA. Scale enbr.

3/69 - String shot OH. Acid w/ 1200 gal 15% NEA.

10/72 - Selective Perf'd OH. Perf Csg @ 3753,
 3760, 3766, 3772, 3777, 3782, 3792, 3798, 3799 w/ 2 spf.
 Acid all w/ 1500 gal 15% NEA.

11/75 - String shot OH. Acid perf to OH w/ 4000 gal
 15% NEA.

12/79 - C/O to 3890' String shot OH; Csg, C/O to
 TD. Acid all w/ 10500 gal 20% NEA. 12000 gal
 WF-20. Ppg acc. Water. T/A.

6/81 - Set CIBP @ 3801'. Test 480/766w.

12/84 - Ran PPI pkr & selectively acid an. set
 pkr w/ 4 Bbls. 15% NEA. Total 1500 gal.

10/85 - Clamp off rods. mo Ppg. (und. T/A.

3/89 - Set CIBP @ 3727' cap w/ 38' cmt.
 Fluid. POK w/ hq. T/A.

PBD 3689

CIBP @ 3727' cap w/ 38' cmt.

3753'
 3760'
 3766'
 3772'
 3777'
 3782'
 3792'
 3798'
 3799'

6 5/8 " OD _____ Tnd
 Gr. _____ Csg
 set @ 3803 ' w/ 100 sz
 Cmt Circulated? NO
 TOC @ 2868 ' by CALC.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

CIBP
 @ 3801'

PBD 3689
 TD 3890

Inhibited water

WELL DATA SHEET

LEASE & WELL NO. H. W. Andrews #1 FIELD/POOL Eumant Queen DATE 6-20-90
 LOCATION 660 FEET FROM North LINE AND 660 FEET FROM West LINE
 SECTION 12, T20S, R36E Unit D COUNTY Lea OPERATOR Amecanda Hess

CE 3564
 KDB to CE
 DF to CE 3576

12 1/2" OD Surface Pipe
 set @ 184' w/ 150 sx
 Cmt. Circulated? Yes
 CALC.

9 5/8" OD 36 # Thd
 Cr. Csg
 set @ 2336' w/ 500 sx
 Cmt Circulated? NO
 TOC @ 861' by CALC.

Date Completed 1-15-36
 Initial Formation Granbuds
 From: 3760 to 3895 GOR 1271
 Initial: Production ☒ 815 bopd 6 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

Acid OH 3760-3895 w/ 200 gal acid.

Subsequent Workover or Reconditioning:

5/46 - PBF/3901-3971 w/ 200 gal plastic. Did not
hold. D/O to 3894. PBF/3894-3865 w/ 30 gal plastic.
PBF/32 gal Hydronic F/3868-3846. Put on
900 lbf system

12/53 - PB to 3722 w/ unknown device. (OCD
records do not show PB means). Perf 3100-68.
3280-3346, 3354-3420, 3430-3496.

3354-3420

3430-96'

PB 3722'

Per OCD records, well was PB to 3722', and method, unknown.

7" OD 24 # Thd
 Cr. Csg
 set @ 3740' w/ 100 sx
 Cmt Circulated? NO
 TOC @ 3145' by CALC.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

PBD 3722
 TD 3495

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #8 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 589 FEET FROM North LINE AND 4549 FEET FROM East LINE
 SECTION 12, T20S, R36E Unit D COUNTY Lea OPERATOR Amerade Hess

CE 3566
 KDB to CE
 DF to CE 3576

Date Completed 4-27-48
 Initial Formation Granbury
 From: 3740 to 3833 GOR 602
 Initial: Production ☒ 360 bopd 40 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

20" OD Surface Pipe
 set @ 177' w/ 225 sx
 Cmc. Circulated? Yes

13 3/8" OD 48 1/2 Thd
 Gr. Csg
 set @ 2324' w/ 2500 sx
 Cmc Circulated? Yes
 TOC @ surf by

Set 5 1/2" csg @ 8646'. Cont'd w/ 100 sx. Perf
8550-8600' w/ 200 holes. Test for prod. Set Retr @
8530'. Sgd below w/ 50 sx. Left 15 sx on top of 1st.
 D/O to 8603'. Acid pump w/ 1000 gal 152. Swb. Acid w/
2000 gal 152. Swb down. Shot csg @ 8253, 7950, 7885' w/ 20 sx nitro.
 Shot csg @ 7750'. Set Retr csg @ 7520-7517'. Cmc loose. P/W 5 1/4"
 csg. D/O to 5250'. Acid w/ 1000 gal acid. PB w/ 50 sx cont'd 5270'
 to 5102'. D/O to 5223'. PB to 5200' w/ 50 sx. D/O to 5250'.
 Perf 5200-5250' w/ 400 holes. Test. Unproductive. Shot
160 gals nitro in OH. C/O to 5250'. Acid w/ 500 gal acid.
 Swb. 100 gal subm wtr. PB f/ 5250' to 5135' w/ 35 sx cont'd.
 Set Retr @ 3950'. PB to 3886' w/ 20 sx. C/O to
3900'. Perf 3891-96' w/ 4 spt. Swb. Set Retr @ 3841'.
 Sgd w/ 48 sx. D/O to 3884'. Perf 3875-3883' w/ 32 holes.
 Acid w/ 500 gal 152 acid. Perf 3740-43'. Acid w/ 150 gal
152 Acid.

10/54 - Set Retr @ 3865'. Sgd pump w/ 75 sx cont'd.
 Perf 3800-28' w/ 4 spt. Acid w/ 500 gal 152. Test
 Prod 5680/198 w

12/69 - Strong shot prod 3740-3828'. Acid w/ 1000 gal
152 NFA.

11/73 - Perf 3740-92, 3814-16, 3821-26, 3837-39 &
3848-49. Acid w/ 3500 gal 152

8/74 - Acid perf w/ 7500 gal 152 NFA.

6/76 - C/O to PETD. Strip perf from 3750-3850'
 Acid w/ 3000 gal 152 NFA.

8/79 - Shot 3773-3839' w/ 21-23 gm. g/lss jet shots.
 Acid w/ 6500 gal. NFA.

Present Inj. ☐ bupd @ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

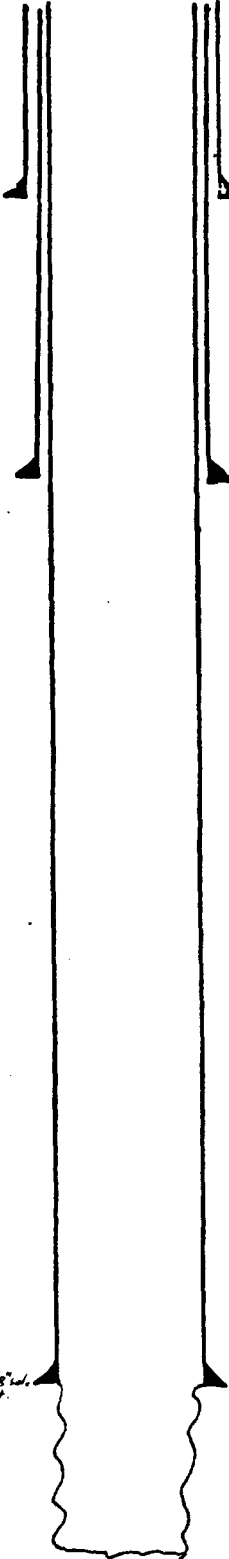
8 3/8" OD 32 3/4 Thd
 Gr. Csg
 set @ 5176' w/ 900 sx
 Cmc Circulated? No
 TOC @ 2325' by T.S.

PB w/ 35
 SX. 5250'-
 5133'.

cut csg @ 7517' & pulled above
 Shot csg @ 8253, 7950, 7885'
5 1/2" 17# csg. Set @ 8646'
 Cont'd w/ 100 sx. TOC @
7785' by T.S.
 PB 3865'

WELL DATA SHEET

LEASE & WELL NO. H. W. Andrews #5 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 1980 FEET FROM North LINE AND 660 FEET FROM West LINE
 SECTION 12, T20S R36E UNIT E COUNTY Lea OPERATOR Amesada Hess



CE _____
 KDB to CE _____
 DF ~~XXXX~~ 3568

12 1/2" OD Surface Pipe
 set @ 199' w/ 200 sx
 Cmt. Circulated? yes

8 5/8" OD _____ Thd _____
 Gr. _____ Csg _____
 set @ 2346' w/ 700 sx
 Cmt Circulated? yes
 TOC @ 549F' by CALC.

6 5/8" OD 20 Thd _____
 Gr. _____ Csg _____
 set @ 3809' w/ 100 sx
 Cmt Circulated? NO
 TOC @ 2873' by CALC.

Date Completed 12-29-34
 Initial Formation Grayburg
 From: 3808 to 3890 GOR 500
 Initial: Production ☒ 199 bopd - bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:
Acid w/ 2000 gal. acid. Ranced w/ 2000 gal

Subsequent Workover or Reconditioning:

3 6 1/2" - Ran GR/N. String shot OH. Acid w/ 1200
gal 15% HCl.
8/71 - Free pit OH w/ 10000 gal 15% acid & 21000
10-20-84. C/O to TD. Test 118 bopd.
11/73 - Perf OH 3831-38 & 3852-60 w/ 19pt.
Acid w/ 2500 gal 15% HCl.
10/75 - Perf OH 3820-36 & 3850-60 w/ 19pt.
Acid OH w/ 7000 gal 15% HCl.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data: _____

7 7/8" w/
210'

PBD _____
 TD 3890

WELL DATA SHEET

LEASE & WELL NO. W.P. Bird Gas Com #1 FIELD/POOL Emmet Gas DATE 6-20-90
 LOCATION 2315.5 FEET FROM North LINE AND 2310 FEET FROM West LINE
 SECTION 12, T20S, R36E Unit F COUNTY Lea OPERATOR Amerada Hess

CE _____
 KOB to CE _____
 DF ~~3568~~ 3568

8 5/8" OD Surface Pipe
set @ 959' w/ 500 ex
 Cnt. Circulated? Yes

Date Completed 4-25-55
 Initial Formation Penrose
 From: 3260 to 3370 000 11 MMCF CAOF
 Initial: Production ☒ bopd _____ bopd _____
 Or: Injection ☐ bopd @ _____ psi

Completion Data:

Acid OH 3260-3370' w/ 100 gal 15% f
frac w/ 20000 gal oil w/ 20000 #3d.
CAOF 11 MMCF

Subsequent Workover or Reconditioning:

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OD 15.5 # Thd _____
 Cr. _____ Csg. _____
 set @ 3260 w/ 976 ex _____
 Cnt. Circulated? No
 TOC @ 997 by TS _____

TD 3370'

WELL DATA SHEET

LEASE & WELL NO. W.P. Byrd "A" #1 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 1980 FEET FROM South LINE AND 1980 FEET FROM West LINE
 SECTION 12, T20S, R36E Unit K COUNTY Lea OPERATOR Amerada Hess



CE 3557
 KDB to CE
 DF to CE 3569

12 1/2" OD Surface Pipe
 set @ 182' w/ 200 sz
 Cmt. Circulated? Yes

8 5/8" OD 32 # Thd
 Gr. _____ Csg
 set @ 2382' w/ 800 sz
 Cmt Circulated? Yes
 TOC @ surf by calc.

3745-90 w/ 1 spf

6 5/8" OD 20 # Thd
 Gr. _____ Csg
 set @ 3799' w/ 100 sz
 Cmt Circulated? NO
 TOC @ 2864 by calc.

PB w/ cement to 3840'

PBD 3840
 TD 3850

Date Completed 4-15-37
 Initial Formation Granburg
 From: 3799 to 3880 GOR 389
 Initial: Production ☒ 2017 bopd _____ bopd
 Or: Injection ☐ _____ bopd @ _____ psi
 Completion Data:

Comp. Natural OH 3799-3880

Subsequent Workover or Reconditioning:

7/55- Spad OH w/ 50% cement. D/O to 3855'
Totd w/ 6000 gal. oil & 6000 # sd. Test 2780/3880

4/60- Spad OH w/ 50 sz latex cement. D/O to
3815'. Frac w/ 3000 gal oil & 3000 # sd. Test
Flow 7380/158WPD GOR 2505.

5/73- D/O to 3855', Spot 500 gal acid.
Spad OH w/ 75 sz cement. D/O to 3840'. Spot 500
gal acid. Perf OH 3812, 3812, 3826, 3830, 3836.
Perf csg @ 3745-90 w/ 1 spf. Tt all w/ 500 gal 152
acid, 150 Bbl. 150 oil & 10000 # 10/20 sd. C/O hole
Frac w/ 19500 # sd in 450 BD.

8/77- String shot perf 3745-90' OH F/ 3799-
3840'. Acid w/ 4500 gal MOD 202. Test 1040/
908WPD.

Present Inj. ☐ _____ bopd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bopd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #4 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 1980 FEET FROM South LINE AND 660 FEET FROM West LINE
 SECTION 12, T20S, R36E Unit 2 COUNTY Lea OPERATOR Amerada Hess

CE _____
 KDB to CE _____
 DF ~~3569~~ 3569

Date Completed 10-31-36
 Initial Formation Grayburg
 From: 3783 to 3885 GOR 732
 Initial: Production ☒ 511 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

12 1/2" OD Surface Pipe
 set @ 198 ' w/ 200 sx
 Cmt. Circulated? yes

Acid OH w/ 2000 gal Hg Acid

8 5/8" OD _____ Thd
 Gr. _____ Csg
 set @ 2345 ' w/ 700 sx
 Cmt Circulated? yes
 TOC @ surf ' by CALC.

Subsequent Workover or Reconditioning:

5/37 - Acid w/ 2000 gal reg. acid. Test 57280 GOR 2000
3/40 - Acid w/ 500 gal reg. acid.
10/71 - Flood OH w/ 23500 gal oil & 31500 #10/20 sd.
C/O to TD.
10/78 - Per OH w/ 3799-3842. Acid OH 3787-3885
w/ 5000 gal 15% HCL. Test 798=156W.
5/89 - C/O to TD 3885. String shot OH 3783-3885.
Acid OH. w/ 1500 gal 15% HCL. Test 4680/106W
18 mcf/gpd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF/D

Remarks Or Additional Data:

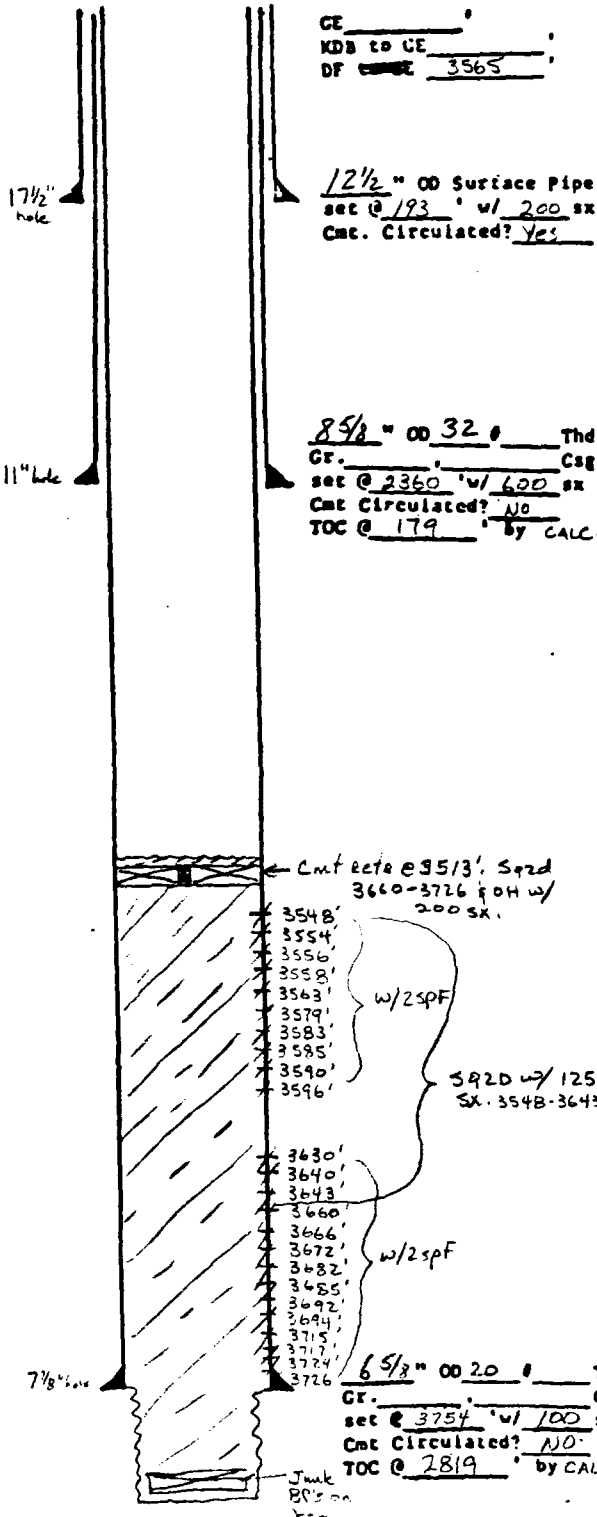
6 5/8" OD 20 Thd
 Gr. _____ Csg
 set @ 3783 ' w/ 100 sx
 Cmt Circulated? NO
 TOC @ 2819 ' by CALC

OH 3783-3885'

PBD _____
 TD 3685

WELL DATA SHEET

LEASE & WELL NO. H. W. Andrews #6 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 660 FEET FROM SOUTH LINE AND 660 FEET FROM West LINE
 SECTION 12, T20 S, R36 E Unit M COUNTY Lea OPERATOR Amerada Hess



Date Completed 3-28-37
 Initial Formation Grimm
 From: 3754 to 3623 GOR 5333
 Initial: Production ☒ 180 bopd bupd
 Or: Injection ☐ bupd psi
 Completion Data:

Comp OH 3754-3873 Natural

Subsequent Workover or Reconditioning:

5/37 - Acid OH w/ 2000 gal reg. acid. Test
120 bopd 60R 1833

4/72 - Perf OH 3774-3804 w/ 1 spf, 3836-52
w/2 spf, 3858-60 w/1 spf, C/O to TD, Free OH
w/420 Rbl, Lse oil & 31500 # 10-10 sd & 15000 gal Acid
C/O to TD. Test 7000 wtr. Sand bot of hole 3873' w/
200 bbis Injectrol and 25 sx. cmt. Pump test
100% wtr. T/A.

8/75 - Set CIBP @ 3750' w/ 10' cmt on top. Perf
3630, 3640, 3643, 3660 3666, 3672, 3682, 3685 3692,
3694, 3715, 3717, 3724, 3726, w/ 2 spf. Acid w/ 3000
gal 15% S.W.B test dm. Set CIBP @ 3656' w/ 132 cmt
on top. Perf 3542, 3554, 3556, 3558, 3563, 3579, 3583,
3585, 3590, 3596' w/ 2 spf. Acid w/ 3500 gal 15% HCl.
Now Commercial. T/A.

3/77 - D/O to 3656. Patch BP to 3736'. Sgnd Perf
3547-3643' w/ 125 sx. D/O & C/O to BP @ 3740. Patched
BP into OH. Set retn @ 3513'. Sgnd OH w/ 200 sx.
Ckd cement top in CSS @ 3512'. Well T/A'd.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

PBD 5512
 TD 3873

WELL DATA SHEET

LEASE & WELL NO. H.W. Andrews #14 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 760 FEET FROM South LINE AND 660 FEET FROM West LINE
 SECTION 12, T20S, R36E Unit M COUNTY Lea OPERATOR Amerada Hess

CE 3559
 KDB to CE
 DF to CE 10

Date Completed 2-14-77

Initial Formation Gravels
 From: 3724 to 3882 GOR 600
 Initial: Production ☒ 60 bopd 92 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

1 3/4" "OO Surface Pipe
 set @ 235 ' w/ 250 sx
 Cmt. Circulated? Yes

Perf 3896-3906'. Acc'd w/ 250 gal 15% said
 w/ 100sx. Perf 3784-3807', 3828-36, 3842-
 32 w/ 250sf. Acc'd w/ 3500 gal 15% nea.

Subsequent Workover or Reconditioning:

8 5/8" "OO 24 " Thd
 Gr. Csg
 set @ 2388 ' w/ 1200 sx
 Cmt Circulated? Yes
 TOC @ surf ' by

12/79 - C/O to P8TD. Acc'd perf w/ 7200 gal
 20% NEFA. 8000 gal gel wtr. Test 28 BOP, 112 B.W.

3784-3807 w/250sf

3828-36 w/250sf

3842-82' w/250sf.

PBD 3886'

3896-3906. Said w/100sx

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

5 1/2" "OO 14 " Thd
 Gr. Csg
 set @ 3913 ' w/ 325 sx
 Cmt Circulated? NO
 TOC @ 2180 ' by CALC.

PBD 3886
 TD 3922

WELL DATA SHEET

LEASE & WELL NO. W. P. Byrd 'A' #2 FIELD/POOL Emmie Monument DATE 6-20-90
 LOCATION 660 FEET FROM SOUTH LINE AND 1980 FEET FROM West LINE
 SECTION 12, T20S, R36E Unit A COUNTY Lea OPERATOR Amerada Hess

17 1/2" h/d
 11" h/d
 7 7/8" h/d

CE _____
 KDB to CE _____
 DF 3564

12 1/2" OD Surface Pipe
 set @ 192 w/ 200 sx
 Cmt. Circulated? Yes
 by CALC.

8 5/8" OD 32 # Thd
 Gr. _____ Csg
 set @ 2364 w/ 600 sx
 Cmt. Circulated? NO
 TOC @ 183 by CALC.

3788-94 w/1spf

6 5/8" OD 20 # Thd
 Gr. _____ Csg
 set @ 3796 w/ 100 sx
 Cmt. Circulated? NO
 TOC @ 2861 by CALC.

PBD

TD 3875

Date Completed 8-13-37
 Initial Formation Gravelly
 From: 3796 to 3875 COR 304
 Initial: Production ☒ 733 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

Completed OH 3796-3875 natural.

Subsequent Workover or Reconditioning:

9/54 - Fine OH w/ 6000 gal oil + 6000 # sl.
 C/O to TD. Test 149 bopd / DB w/ 1966 gal

6/67 - String shot OH. Acid w/ 500 gal 15% NEA

3/70 - Acid w/ 1000 gal 15% NEA. Frac'd w/ 1500 gal gel w/ 22200 # 20/40 gel.

12/73 - Perf OH f/ 3805-3846'. Acid w/ 4000 gal 15% NEA.

3/78 - Perf csg @ 3788-3794' w/ 1 spf. Perf OH f/ 3798-3846'. C/O to TD. Acid w/ 4000 gal 15% NEA.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. W.P. Byrd #6 FIELD/POOL Lunice Monument DATE 6-20-90
 LOCATION 660 FEET FROM South LINE AND 1980 FEET FROM East LINE
 SECTION 12, T20S, R36E UNIT 0 COUNTY Lea OPERATOR Amerada Hess

17 1/2" h-lc
 11" h-lc
 7 7/8" h-lc

CE 3550 '
 KDB to CE _____
 DF to CE _____

12 1/2" OD Surface Pipe
 set @ 187 ' w/ 200 sx
 Cmt. Circulated? Yes
 CALC.

8 5/8" OD 32 ' Thd
 Gr. _____ Csg
 set @ 2392 ' w/ 400 sx
 Cmt. Circulated? No
 TOC @ 938 ' by CALC.

6 5/8" OD 20 ' Thd
 Gr. _____ Csg
 set @ 3779 ' w/ 100 sx
 Cmt. Circulated? No
 TOC @ 2844 ' by CALC.

PBD 3825 '
 TD 3870 '

Date Completed 5-2-37
 Initial Formation Grayhura
 From: 3779 ' to 3870 ' GOR 433
 Initial: Production ☒ 1732 bopd _____ bupd
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

Completed natural OH 3779 - 3870'

Subsequent Workover or Reconditioning:

4/57 - Ran GR-N log. Spd OH w/ 75 sx DOC
 D/P to 3825'. Acid w/ 250 gal 6% MCA. Free
 trt w/ 5000 gal REF. oil & 5000 # sd. Test
 Flow 96 bbl / 32 bbl TD hrs. GOR = 1065.

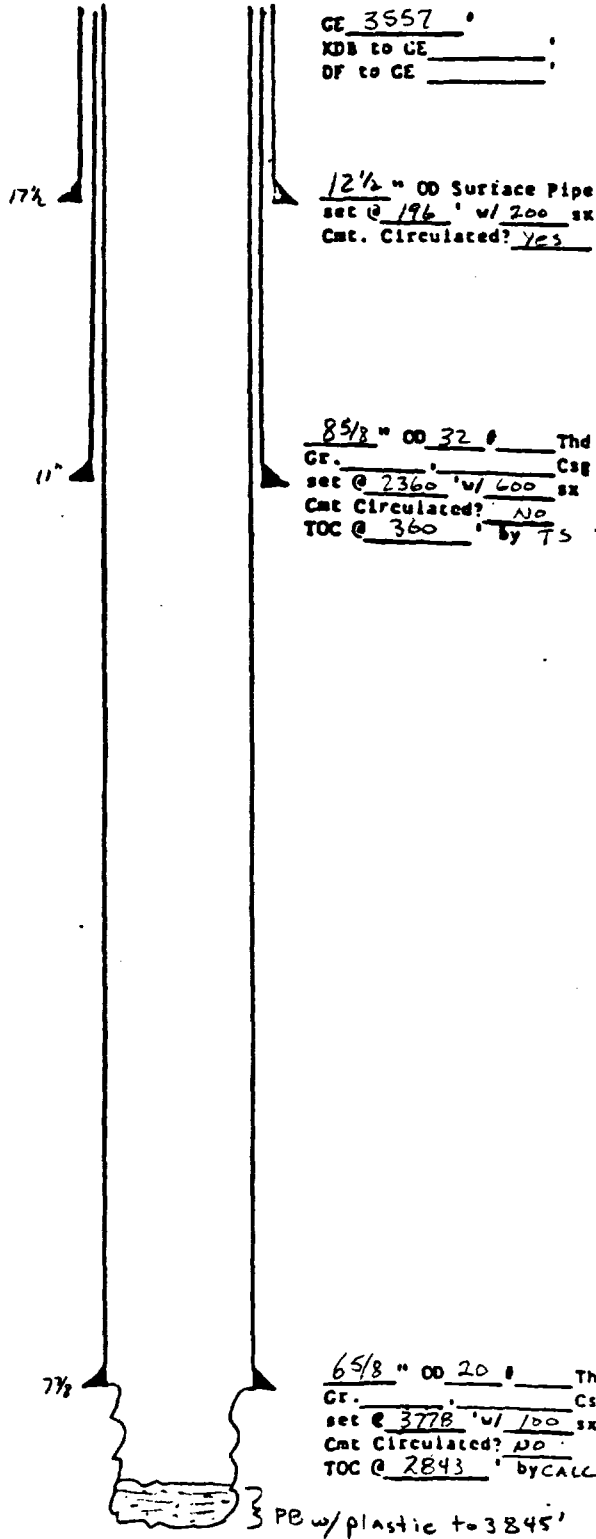
Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

3 PB w/ DOC to 3825'

WELL DATA SHEET

LEASE & WELL NO. STATE 2 #1 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE
 SECTION 13, T20S, R36E Unit A COUNTY Lea OPERATOR Amerada Hess



CE 3557'
 KDB to CE _____'
 DF to CE _____'

12 1/2" OD Surface Pipe
 set @ 196' w/ 200 sx
 Cmt. Circulated? Yes

8 5/8" OD 32 # _____ Thd
 Gr. _____ Csg
 set @ 2360' w/ 600 sx
 Cmt Circulated? NO
 TOC @ 360' by TS

6 5/8" OD 20 # _____ Thd
 Gr. _____ Csg
 set @ 3778' w/ 100 sx
 Cmt Circulated? NO
 TOC @ 2843' by CALL

3 PB w/ plastic to 3845'

PBD 3845'
 TD 3865'

Date Completed 5-21-37
 Initial Formation Grayburg
 From: 3778' to 3865' GOR 3.7
 Initial: Production ☒ 2570 bopd _____ bopd _____
 Or: Injection ☐ _____ bopd _____ psi
 Completion Data:

Comp. OH Natural

Subsequent Workover or Reconditioning:

8/48- CK for Csg. It. OK. C/O to TD. PA to
3850' w/ 184 gal. plastic. Sub. 90% wti. PB to
3840 w/ 15 gal. Tally seal. Trt OH w/ 1000 gal
tes acid spot 15 gal. gully seal 3850-40'. Acid
w/ 3000 gal reg. acid.

3/52- DID to 3852. PB w/ 97 gal plastic to
3845'.

Present Inj. ☐ _____ bopd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

WELL DATA SHEET

LEASE & WELL NO. Orcutt D. #1 FIELD/POOL Eunice Monument DATE 6-18-90
 LOCATION 660 FEET FROM North LINE AND 1980 FEET FROM East LINE
 SECTION 13 - T-20S - R-36E Unit B COUNTY Lea OPERATOR Chevron

CE 3556
 KDB to CE _____
 DF to CE _____

Date Completed 4-37
 Initial Formation Grayburg
 From: 3770 to 3876 GOR _____
 Initial: Production ☒ 782 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

10 3/4 " OD Surface Pipe
 set @ 234 ' w/ 200 sx
 Cmt. Circulated? Yes

4-37 Flowed 397 BD @ 758 MCFG
in 12 hrs @ 40 min. from OH interval.
3770 - 3876 Completed Natural.

10-43 Acidz OH from 3770-3876 w/ 1000
Gals 15% HCL to increase gas prod.
to maintain flow. B4: 52 BOPD @ 10 BWPD
After: 98 BOPD @ 72 BWPD w/ no chg
in GOR of 100.

Subsequent Workover or Reconditioning:

75/8 " OD 364 Thd
 Gr. _____ Csg _____
 set @ 2429 ' w/ 330 sx
 Cmt Circulated? No
 TOC @ 1010 ' by CALC

11-43 Perf 3722-33 @ 3669-80 (22 holes)
Well would not flow - PAW/CMT @ 3876-
3866 to shut-off wtr. Well would
flow intermittently.

2-44 Installed gas lift valves - Flowed
45 BD @ 315 BW.

6-51 PB w/ hydromite f/ 3866-3815 flowed
only gas. Acidz w/ 1000 15% HCL.
Flowed 15 BD, 14 BW, 405 MCF.

4-52 PB w/ hydromite f/ 3815 to
3810 B-4 @ BD, 432 BW. After 12 BD
12 BW.

4-53 Install Prg Equip. B-4 7 BD, 2 BW,
After 17 BD, 8 BW.

6-56 SQD parts 3669-3733 to reduce
GOR - swabbed OH - dry. Acidz w/ 1000
Gals 15% Nrg. B4-14 BD, 0 BW. After
31 BD, 0 BW, 661 MCF.

11-86 Well went f/ 15 BD, 1 BW to 0 BD,
72 BW. found SQD parts 3669-3733,
leaking. Did not sqz. for PBTD @ 3813.
PB w/ hydromite to - 3797 then to
3782. Last Prod 0 BD, 7 BW.

4-87 Shut In.

2-88 CID to 3866 Ran @ cmt'd 4"
liner, ran CAL-OK perf 3745-92. Acidz
w/ 1000 Gals 15% HCL IPH - 1 BD, 22 BW,
@ 757 M.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

2-88 Added parts 3822-23 Acidz w/ 1000
Gals 15% HCL, no increase in
production.

TOL @ 3605

* 3669-3680 ' } SQD w/ }
 (10 holes) } 121 sx. cmt. }
 * 3722-3733 ' }
 (12 holes) }

± 3754-54 ' }

± 3762-68 ' }

5 1/2 " OD 17 Thd

Gr. _____ Csg _____
 set @ 3780 ' w/ 175 sx
 Cmt Circulated? NO
 TOC @ 1834 ' by CALC
3820-26

PB 3842 ' }
 4" Liner @ 3842 TOL
 @ 3605 ' }

PBD 3842 ' }
 TD 3876 ' }

DUAL

WELL DATA SHEET

LEASE & WELL NO. H. T. Orcutt D #2 FIELD/POOL Eunice Monumt DATE 6-18-90
 LOCATION 1980 FEET FROM North LINE AND 1980 FEET FROM East LINE
 SECTION 13 - T-20 S - R-36 E Unit G COUNTY Lea OPERATOR Chevron

CE 3553'

KDS to CE _____
DF to CE _____Date Completed 5-11-37Initial Formation Grayburg

From: 3764 to 3876 GOR

Initial: Production ☒ 258 bopd 0 bupdOr: Injection ☐ bupd @ _____ psi

Completion Data:

5-37 Acidz w/ 2000 Gals
Acidz w/ 3000 Gals103/4" " OD Surface Pipe
set @ 236 ' w/ 175 sz
Cmt. Circulated? Yes

Subsequent Workover or Reconditioning:

1944 - Ran GI valves B4 - No flow, After
63 BD, 15 BW1948 - C/O Valves6-53 Installed P.E. B4-34 BD, 8 BW,
After 53 BD, 5 BW.4-56 Ran G.P./C.N.L. Perforated Eunmont
(3315-3462) Acidz + fraced w/ 8000 Gal
gelled crude + 8000 #50 @ 1 1/2 RPM
(3366-3462) Fraced (3348-3315) w/
8000 Gal gelled crude + 8000 #50,
Eunmont IP# 3.8 MCF, Now Drilled
w/ Grayburg.4-74 Acidz w/ 1000 Gals 15% HCL
B4-7 BD, 28 BW, After 9 BD, 27 BW.5-83 Fished tbg to repair. Reran valves
w/ Grayburg side closed.6-83 Acidz w/ 4000 Gals 10% HCL
Eunmont not. ng 549 MCFPD.10-87 Eunmont Aug. 430 MCFPD.1-88 Eunmont Aug. 130 MCFPD.2-88 Well Logged up w/ H₂O - Hollow
rods not pumping well off. Possible
tbg leak.4-88 St.Present Inj. ☐ bupd @ _____ psi Date _____Present Prod. ☐ bopd _____ bupd Date _____

GAS _____ MCFPD

Remarks Or Additional Data:

2 5/8" " OD 8 Thd
Gr. 26.4 Csg
set @ 2427 ' w/ 400 sz
Cmt Circulated? No
TOC @ 706 ' by CALC3315-22
3328-48 } 2 SPF
3366-90 } Eunmont
3442-62 } GAS

sliding sleeve @ 3693'

on/off tbg divider @ 3708'

Anchor Seal w/ 6K tension

@ 3710'

Packer @ 3710'

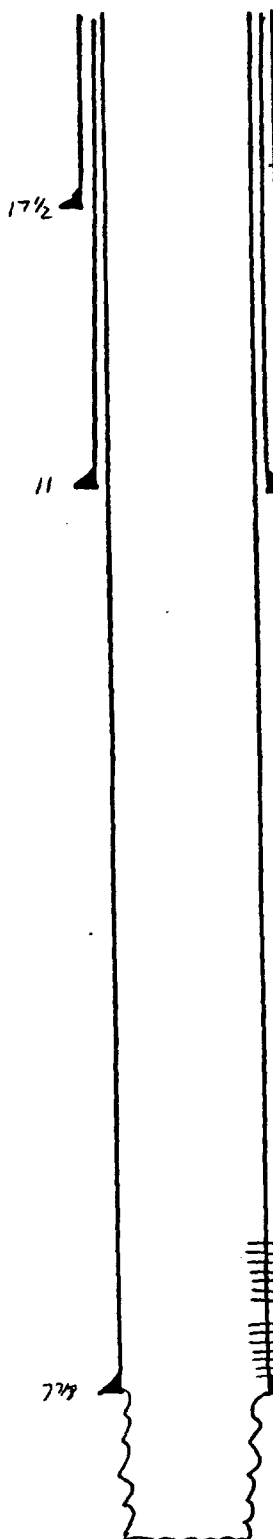
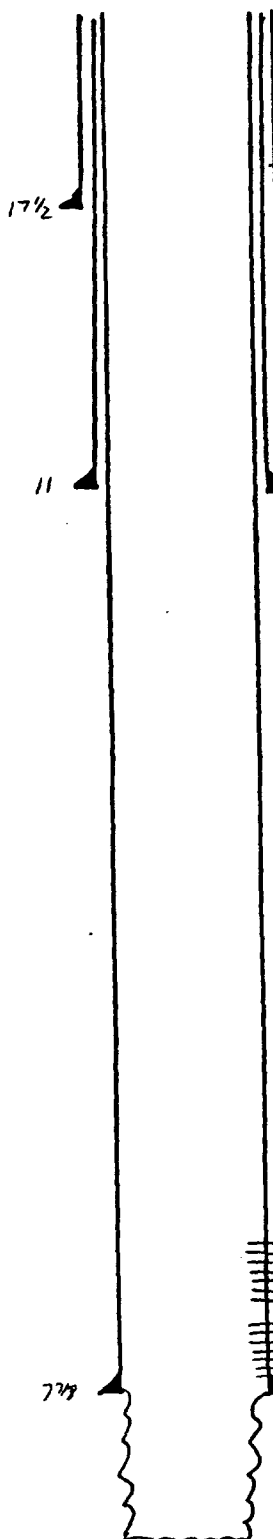
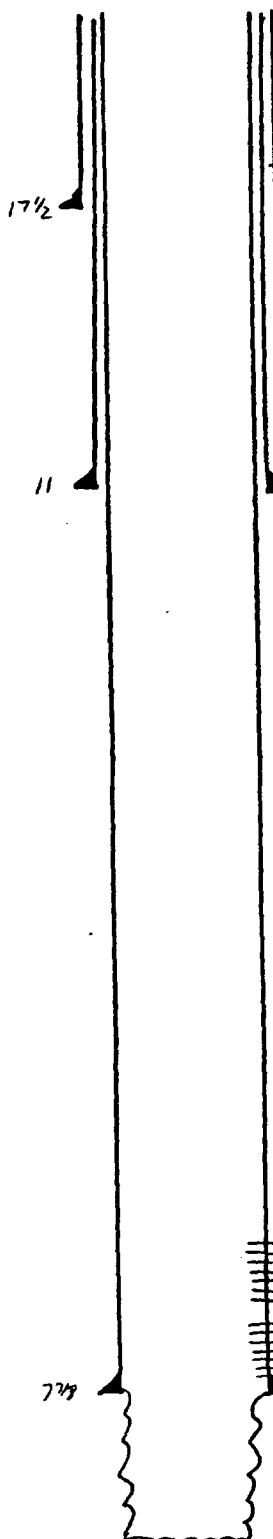
5 1/2" " OD 10 Thd
Gr. _____ Csg
set @ 3764 ' w/ 175 sz
Cmt Circulated? No
TOC @ 1828 ' by CALC2 3/8" 10 RD SN @ 3773'

sliding sleeve @ 3803'

PBD
TD 3878

WELL DATA SHEET

LEASE & WELL NO. STATE Z #2 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 1980 FEET FROM North LINE AND 660 FEET FROM EAST LINE
 SECTION 13, T20S, R36E Unit H COUNTY Lea OPERATOR Amerada Hess

17 1/2' 
 11' 
 7 7/8" 

DF # 3555
 KOB to CE _____
 DF to CE _____

12 1/2" OD Surface Pipe
 set @ 191' w/ 200 sx
 Cmt. Circulated? _____

8 5/8" OD 32 # _____ Thd
 Gr. _____ Csg
 set @ 2386' w/ 600 sx
 Cmt Circulated? NO
 TOC @ 300' by TS

3738-56'
3766-80' w/ 2 spf.

6 5/8" OD 20 # _____ Thd
 Gr. _____ Csg
 set @ 3732' w/ 100 sx
 Cmt Circulated? NO
 TOC @ 2847' by calc.

Date Completed 5-17-37
 Initial Formation Granburg
 From: 3782 to 3867 COR 914
 Initial: Production ☒ 672 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

Trid OH 3782-3867 w/ 2000 gal Reg Acid

Subsequent Workover or Reconditioning:

7/68 - Acid OH w/ 500 gal 3AF + 3000 gal 15% NEA.

7/72 - Perf open hole @ select intervals. Perf Csg
@ 3738-56 + 3766-80 w/ 2 spf. Trid OH w/ 1500 gal 15%
NEA and 55 gal Baroid H-35. C/o to TA.

12/84 - String shot OH. Acid pump 3738-70 w/
2000 gal 15% NEFA. Acid OH w/ 1000 gal 15% NEFA.

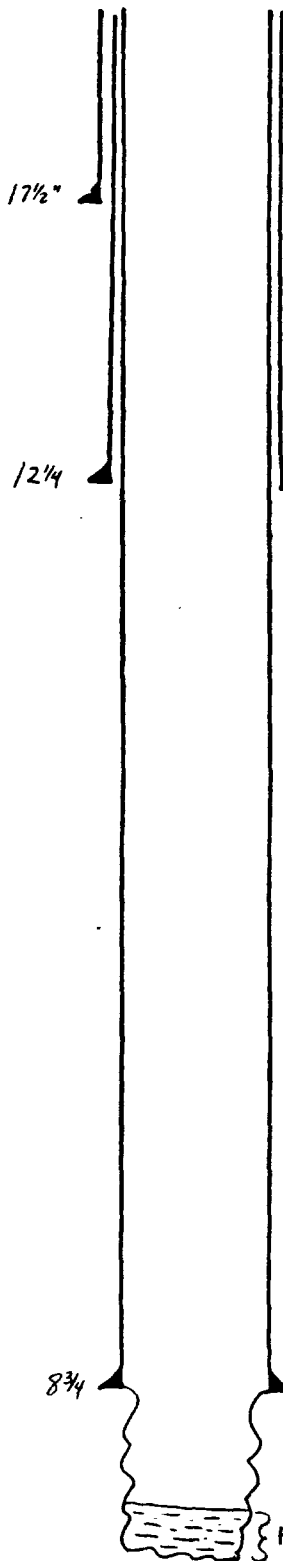
Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

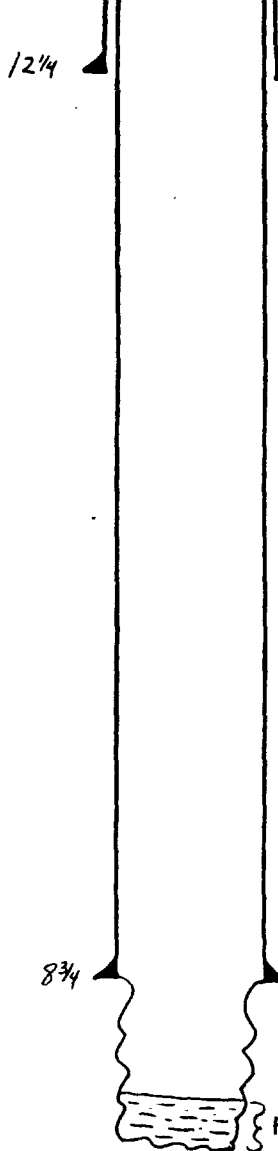
Remarks Or Additional Data: _____

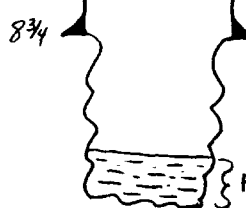
PBD _____
 TD 3867

WELL DATA SHEET

LEASE & WELL NO. STATE 'A' #5 FIELD/POOL Eunice Monument DATE 6-21-90
 LOCATION 1980 FEET FROM South LINE AND 660 FEET FROM EAST LINE
 SECTION 13, T20S R36E Unit I COUNTY Lea OPERATOR Mobil Producing, Texas, NM.

17 1/2" 
 1/378" OD Surface Pipe
 set @ 165' w/ 125' sz
 Cmt. Circulated? Yes
 CALC.

12 1/4" 
 9 5/8" OD 36' Thd
 Gr. _____ Csg
 set @ 2400' w/ 450' sz
 Cmt Circulated? No
 TOC @ 1072' by CALC.

8 3/4" 
 7" OD 24' Thd
 Gr. _____ Csg
 set @ 3776' w/ 50' sz
 Cmt Circulated? No
 TOC @ 3469' by CALC
 (-100 @ 3640, 171' cmt above top of unit).

PB to 3793' w/ 101 gal.
 Latex Cmt.
 PBD 3793
 TD 3275

Date Completed 3-18-37
 Initial Formation Granbury
 From: 3776 to 3875 GOR
 Initial: Production ☒ 995 bopd 5 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

Completed On Natural

Subsequent Workover or Reconditioning:

3/59 - PB OH to 3793' w/ 101 gal. Latex cmt.
Trtd OH w/ 100 gal 15% acid + 5000 gal 15c oil
w/ 42 pps sd. Test 4380/06 w/ 37 mcf.

Present Inj. ☐ bupd @ psi Date _____
 Present Prod. ☐ bopd bupd Date _____
 GAS _____ MCFPD

Remarks Or Additional Data: _____

WELL DATA SHEET

LEASE & WELL NO. STATE M # 2 FIELD/POOL Eumia Measurement DATE 6-21-90
 LOCATION 1980 FEET FROM South LINE AND 1980 FEET FROM EAST LINE
 SECTION 13, T20S, R36E Unit J COUNTY Lea OPERATOR Amerada Hess

17 1/2'

CE 3555
 KDB to CE
 DF to CE

12 1/2" OD Surface Pipe
 set @ 196' w/ 200' sx
 Cmt. Circulated? yes
 CALC

8 5/8" OD 32 # Thd
 Gr. Csg
 set @ 2436' w/ 600' sx
 Cmt Circulated? NO
 TOC @ 305' by TS

7 7/8'

PBD
 TD 3865'

Date Completed 5-22-37
 Initial Formation Granular
 From: 3778 to 3865 GOR 992
 Initial: Production 446 bopd bupd
 Or: Injection ☐ bopd @ psi
 Completion Data:

Acid OH 3778-3865 w/ 2000 gal reg Acid.
Swb. Reced OH w/ 3000 gal reg acid.

Subsequent Workover or Reconditioning:

8/55 - Acid OH w/ 500 gal 15% LST acid. Free
set w/ 15000 gal oil & 15000 # 34. Test 1780/2266 w.
GOR 226

6/66 - String shot OH. Acid OH w/ 2000 gal 15% NEA.

11/77 - Spud OH w/ 2000 gal cement. DID to 3810'.
Perf OH selectively. Acid w/ 2000 gal 15% NEA.
Swb 100% wtr. Run T.C.P. / Radio survey. Set
middle perfor @ 3803'. Spud OH F/ 3807-3810' w/ 1000 gal
DID to 3800'. Perf OH. Acid w/ 150 gal 15% NEA.

4/78 - Pon w/ rods & tbg. T/A.

6/87 - DID C/D to 3865'. Perf OH selectively.
Acid OH w/ 1500 gal 15% NEFA. Put on pump.
Test 080/ 490 BOPD.

11/87 - Change status to T/A. (Shut in)

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

Remarks Or Additional Data:

6 5/8" OD 20 # Thd
 Gr. Csg
 set @ 3778' w/ 100' sx
 Cmt Circulated? NO
 TOC @ 2843' by CALC

WELL DATA SHEET

LEASE & WELL NO. H.S. RECORD #2 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 1650 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 15 - T20S-R36E Unit G COUNTY LEA OPERATOR PENROCK OIL

CE 3569
 KDB to CE _____
 DF to CE _____

Date Completed 11-28-52
 Initial Formation Eumont Queen
 From: 3883 to 3714 COR TSTM
 Initial: Production ☒ 48 bopd ☐ 0 bopd
 Or: Injection ☐ bopd ☐ psi
 Completion Date: _____

10 3/4" OD Surface Pipe
 set @ 305' w/ 100 ex
 Cmt. Circulated? No

TI 38' CAG.

(13 1/8" hole)

Acid. w/ 5000 gals. 15% HCl Acid.
Placed on rod-pump to test.

Subsequent Workover or Reconditioning:

B-55 Acid. ON w/ 500 GALS 15% Acid. Excl.
w/ 10,000 GALS oil. w/ 1 PPM SAND.
A- 6/10/10 (O/WK)
A- 40/10/30 (O/WK)

3-84 Pulled P&R. Pulled stick log. Ran P&R.
+ Acidized w/ 2000 GALS. 15% NAF HCL. Ran
2 1/2" log. R.T.P.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

5 1/2" OD 15.5 # Thd
 Gr. _____ Csg. _____
 set @ 3883' w/ 600 ex
 Cmt Circulated? No
 TOC @ 683' by TS

(7 1/8" hole)

PBD _____
 TD 3914'

WELL DATA SHEET

LEASE & WELL NO. H.S. RECORD #1 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 1650 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
 SECTION 15 T20S-R36E Unit H COUNTY LEA OPERATOR PENROC OIL

DF 3594
 KDB to CE
 DF to CE

Date Completed 8-9-46
 Initial Formation Queen
 From: 3605 to 3904 GOR
 Initial: Production ☒ 100 bopd 0 bupd
 Or: Injection ☐ bopd 0 psi
 Completion Data:

1-40 Well originally drilled to 1300' as dry hole,
before being deepened to Eumont.

8-46 Acid on w/ 2000 GALS. 15 to NEA.

Subsequent Workover or Reconditioning:

8 5/8" 00 32 Thd
 Gr. 005 Csg
 set @ 305 w/ 165 sx
 Cmt Circulated? yes
 TOC @ Surf. by Circ.
(11 1/4" hole)

8-59 C/O to 3903'. Ran wtr. locater survey.
Wtr. entry @ 3885'. Dumped 30 lb cement on
btm. DO to 3880' para Ran tbg. to 3880' w/
PKR. @ 3550'. RTP Flowing.
B- 10/0/61 (O/W/G)
A- 43/3/107 (O/W/G)

3-84 Pull P+R. Dumped Acid down tbg. RTP.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

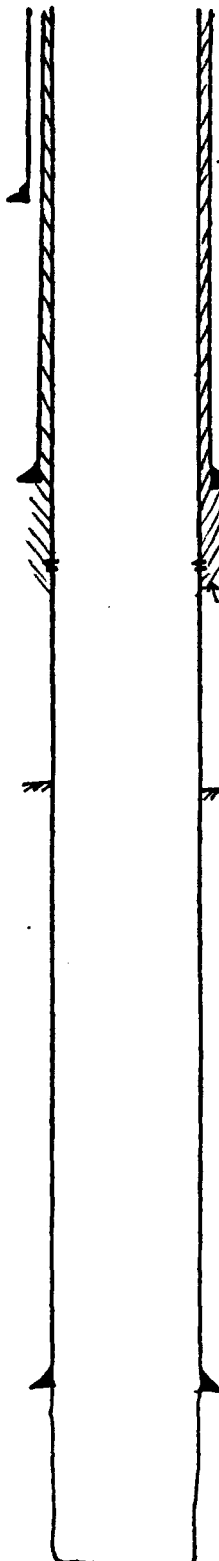
Remarks Or Additional Data:

5 1/2" 00 15.5 Thd
 Gr. 005 Csg
 set @ 3605 w/ 600 sx
 Cmt Circulated? yes
 TOC @ Surf. by CALC.
(7 5/8" hole)

PBD
 TD 3904

WELL DATA SHEET

LEASE & WELL NO. EUNICE MONUMENT UT. #20 FIELD/POOL EUNICE MONUMENT DATE 6-22-90
 LOCATION 2310 FEET FROM SOUTH LINE AND 990 FEET FROM EAST LINE
 SECTION 24 - T20S-R36E Unit I COUNTY LEA OPERATOR GREENHILL PET.



CE 3549
 KDB to CE _____
 DF to CE _____

13 " OD Surface Pipe
 set @ 249 ' w/ 200 sx
 Cnt. Circulated? yes-circ.
 (15 1/2" hole)

95/8 " OD 45 # 8 Thd
 Gr. _____ Csg
 set @ 1108 ' w/ 400 sx
 Cnt Circulated? No
 TOC @ 139 ' by calc.
 (12 3/4" hole)

Perf'd @ 1158 ' w/ 2 SFP
 Sp'd w/ 1000 sx. cnt.
 to surface. Tested OK.

TOC calc. @ 1873 '

7 " OD 24 # 10 Thd
 Gr. _____ Csg
 set @ 3717 ' w/ 300 sx
 Cnt Circulated? No
 TOC @ 1873 ' by ALC
 (8 3/4" hole)

Date Completed 1-24-38
 Initial Formation GARYANRG
 From: 3717 ' to 3866 ' GOR 1986
 Initial: Production ☒ 184 bopd _____ bupd
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data:

Acid. w/ 5000 gals 15% HCl Acid.
DPN to 3866'

Subsequent Workover or Reconditioning:

6-65 C/O to 3846 ' Acid. OH w/ 500 gals.
NEA. Acid. w/ 750 gals in 3 stages.
RAN OH PKR & set @ 3719 ' to reduce GOR. RT.

B-69 SI well.

6-84 Set RBP @ 3005 ' spot 2 sx sand on top
 Perf 7 " @ 1158 ' w/ 2 SFP. Set CICK @ 1058 '
 Cnt - squeeze w/ 500 sx CLASS H cnt. Tested.
 Did not hold. Set CICK @ 1058 ' Cntd. w/ 964 gals.
 Floccack, 400 sx CLASS H' cnt. Cnt. circulated
 to surf. Sp'd w/ addtl 110 sx CLASS H' & 546
 gals. Floccack, wor. Doc. Tested sp. to 600
 psi for 30 min. OK. SI well - uneconomic.

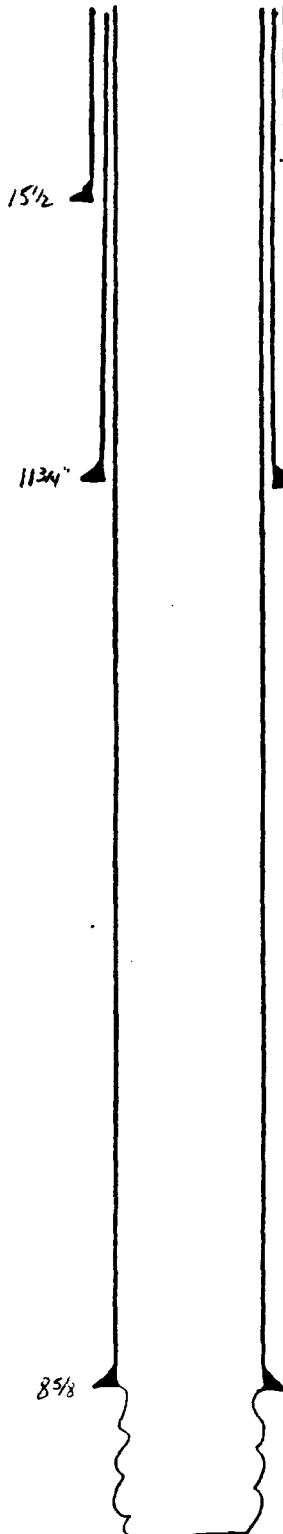
Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

PBD
 TD 3866

WELL DATA SHEET

LEASE & WELL NO. Eunice Monument Unit #27 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 330 FEET FROM South LINE AND 330 FEET FROM East LINE
 SECTION 24, T20S, R36E Unit P COUNTY Lea OPERATOR Greenhill Petro. Corp.



CE 3546
 KDB to CE _____
 DF to CE _____

13 " OD Surface Pipe
 set @ 251 ' w/ 300 sx
 Cnt. Circulated? Yes
 CMC _____

9 5/8 " OD 40 # Thd
 Gr. _____ Csg
 set @ 1126 ' w/ 400 sx
 Cnt. Circulated? Yes
 TOC @ surf. ' by CALC

7 " OD 24 # Thd
 Gr. _____ Csg
 set @ 3738 ' w/ 300 sx
 Cnt. Circulated? No
 TOC @ 1736 ' by CALC

PBD _____
 TD 3861

Date Completed 8-17-37
 Initial Formation Grayburg
 From: 3738 ' to 3861 ' GOR _____
 Initial: Production ☒ 290 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd @ _____ psi
 Completion Data: _____

Trd OH w/ 3000 gal acid. Reacted w/ 3000 gal reg acid.

Subsequent Workover or Reconditioning:

10/37- Trd OH w/ 2000 gal reg. acid.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

WELL DATA SHEET

LEASE & WELL NO. EMSU #102 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 660' FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE
 SECTION 25 - T20S - R36E Unit A COUNTY Lea OPERATOR CHEVRON

CE 3545
 KDB to CE _____
 DF to CE _____

Date Completed 6-18-37
 Initial Formation GRAYBURG
 From: 3724 to 3855 GOR 1475
 Initial: Production ☒ F288 bopd 0 bwpd
 Or: Injection ☐ bopd 0 psi
 Completion Data:

10 3/4" OD Surface Pipe
 set @ 271' w/ 35 sz
 Cmt. Circulated? yes-calc.

Acidz. w/ 2000 Gals. 15% HCl

Subsequent Workover or Reconditioning:

7 1/2" OD 22 # 10 1/2 Thd
 Gr. _____ Csg _____
 set @ _____ w/ 225 sz
 Cmt Circulated? Yes
 TOC @ Surf. by calc.

1-25-40 Acidz. w/ 500 gals. OH 3724-3855'
6-6-57 CIO to TD. Frac OH 3745-3855' w/
12,000 gals. 1% oil w/ 1 PPG sd. Acidz. OH 3781-3855'
w/ 2500 gals. 15% acid. FRAC OH 3781-3855' w/
2100 gals. 1% oil w/ 1 PPG sd. Comm. around pkr.
CIO + re-frac OH w/ 10,000 Gals. oil.
7-23-74 Acidz. w/ 500 gals. 15% NEA.
9-9-76 Acidz. OH w/ 4000 gals. 15% NEA.
8-30-83 Acidz. OH w/ 1000 gals. 15% NEA.
5-87 x-o w/h. CIO to TD @ 3855' w/ foam.
Deepen well to 3885'. Log w/ GR-CNL-
CEL-CAL, LTDC 3898'. RTP.
6-90 CIO + deepen well to 4011'. Log well.
Acidz. OH w/ 2750 gals. 15% NPPHCL ACID
in 3 stages. Swab + RTP.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☒ bopd 1 bwpd 1 Date 5-20-90
 GAS 51 MCFPD

Remarks Or Additional Data:

5 1/2" OD 17 # 10 1/2 Thd
 Gr. _____ Csg _____
 set @ 3724' w/ 150 sz
 Cmt Circulated? NO
 TOC @ 1750 by calc.

4 3/4" open hole

PBD 4011
 TD 4011

WELL DATA SHEET

LEASE & WELL NO. L.W. White NCTA 7 FIELD/POOL Eumont (YTRQ) DATE 6-19-90
 LOCATION 990 FEET FROM North LINE AND 660 FEET FROM East LINE
 SECTION 25-T-20S-R-36E Unit A COUNTY LEA OPERATOR Chevron

CE 3542
 KOB to CE _____
 DF to CE _____

Date Completed 9-21-80
 Initial Formation Quartz Pentose
 From: 3364 to 3668 GOR 418 MCF
 Initial: Production ☒ bopd 9 bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

8 5/8" OD Surface Pipe
 set @ 411' w/ 300 ex
 Cmt. Circulated? Yes

9-21-80 Perf 5 1/2" 14# CS9 w/
3-1/2" D-phase burrless descent,
JHPF 3364-66' 3382-84' 3513-75'
3535-37' 3563-65' 3596-98' 3621-23'
3644-46" E 3666-68' Spot Acids
w/ 300 Gals Acids w/ 2350 Gals 15%
 NEFE Max Pkts 3400# MIN press 1000#.
Frac dn tbg w/ 14000 Gals 70 Quality Foam, 1700

Subsequent Workover or Reconditioning:
20140 50. Frac dn tbg w/ 64000
Gals 70 Quality foam, 61000# # 20140 50.

5-87 CIBP set @ 3640'

3364-66'
 3382-84'
 3513-15'
 3535-37'
 3563-65'
 3596-98'
 3621-23'
 CIBP @ 3640'
 3644-46'
 3666-68'

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

PBD 3709
 TD 3750

5 1/2" OD 14 # _____ Thd
 Gr. _____ Csg. _____
 set @ 3750' w/ 1200 ex
 Cmt Circulated? Yes
 TOC @ Surf by ES CALC

WELL DATA SHEET

LEASE & WELL NO. EMSU #103 FIELD/POOL Eunie Monument DATE 6-19-90
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 25 - T20S - R36E Unit B COUNTY LEA OPERATOR CHEVRON

CE 3540
 KDB to CE _____
 DF to CE _____

Date Completed 8-6-37
 Initial Formation GRAYBURG
 From: 3720 to 3866 GOR 496
 Initial: Production ☒ 1344 bopd ☐ bopd
 Or: Injection ☐ bopd ☐ psi
 Completion Data:

13 " OD Surface Pipe
 set @ 290 ' w/ 250 sz
 Cmt. Circulated? yes

8-37 Acid. w/ 2000 Gals. HCl.

Subsequent Workover or Reconditioning:

9 5/8 " OD _____ The
 Gr. _____ Csg
 set @ 2515 ' w/ 300 sz
 Cmt Circulated? NO
 TOC @ 1284 ' by CALC.

8-56 Acid. w/ 3000 gals. 15% HCl Acid.
4-78 Acid. w/ 9000 gals. 20% HCl, 9000# 100-
 Mesh sand & 6000# mesh balls.
10-85 X-O well, C/O to TD @ 3866'. Ran GR-CCL-CNL.
 Acidified w/ 5000 gals. 15% HCl w/ 1500# GELS
 for block. RTP.
5-88 C/O to TD & deepen to 4005'. Ran GR-CNL-
 CCL-CAL log. RTP.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☒ 5 bopd 18 bopd Date 5-17-90
 CAS 22 MCFPD

Remarks Or Additional Data:

7 " OD 22 The
 Gr. _____ Csg
 set @ 3720 ' w/ 300 sz
 Cmt Circulated? NO
 TOC @ 1623 ' by CALC.

6 1/8" O.H.

PBD 4005
 TD 4005

WELL DATA SHEET

LEASE & WELL NO. EMSL #104 FIELD/POOL Elmwood Monument DATE 6-19-90
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 25 - T20S-R36E Unit C COUNTY LEA OPERATOR CHEVRON

CE 3553
 KDS to CE _____
 DF to CE _____

10 3/4" OD Surface Pipe
 set @ 249' w/ 200 sx
 Cmt. Circulated? yes

7 5/8" OD 26.4 # B Thd
 Gr. _____ Csg _____
 set @ 1131' w/ 600 sx
 Cmt Circulated? yes
 TOC @ Surf. by CALC.

Date Completed 9-17-37
 Initial Formation GRAYB&RG
 From: 3718 to 3853 COR _____
 Initial: Production ☒ 1200 bopd 0 bupd
 Or: Injection ☐ bopd 0 psi
 Completion Data: _____

Natural.

Subsequent Workover or Reconditioning:

B-49 Acidz. OH w/ 5000 Gals. 15% NEA.
4-50 Acidz. OH w/ 5000 Gals. 15% NEA
4-62 Under-reamed OH from 42H" to 6" 3737-
3848' Ran 4 1/2" liner 3632-3850' AND CMT.
 w/ 30 SX. Perf. 3807-19. Acidz. w/ 500 gals.
 Commu. w/ liner top. Set. liner top w/ 30 SX.
 Perf'd 3807-19 + 3819-23. Acidz. w/ 2350
 gals. 15% NEA. B-780198W
 A-18501102BW
3-88 C/O to 3866'. DPH to 4053'. Ran GR-CNL-
 CCL log. String reamed 3841-4053'. Acidz. w/
 500 gals. 15% NEFA. RTP.
 B-280111BW/5MCF6PD.
 A-480184BW/31MCF6PD.
2-89 MIPU. Add perfs 3824-30, 3796-3800, 3750-52,
 + 3724-28' (32 holes). Acidz. perfs 3796-3830' w/
 600 Gals. 15% NEFAHCl. Acidz. perfs 3724-3752' w/
 400 Gals. 15% NEFAHCl. Swab well + RTP.
 B-680139BW/131MCF6PD
 A-19801113BW/71MCF6PD.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ 6 bopd 118 bupd Date 5-20-90
 GAS 35 MCFPD

Remarks Or Additional Data: _____

5 1/2" OD 17 # 10 Thd
 Gr. _____ Csg _____
 set @ 3718' w/ 800 sx
 Cmt Circulated? yes
 TOC @ Surf. by CALC.

4 1/2" 13.4# FS Hydril
 Liner. Cmt'd. "in-place"
 w/ 20 SX. + 30 SX.

PBD 4053
 TD 4053

3 7/8" O.H.

6" OH.

3632'

WELL DATA SHEET

LEASE & WELL NO. EM5LL #105 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 660 FEET FROM NORTH LINE AND 990 FEET FROM WEST LINE
 SECTION 25 - T20S - R36E Unit D COUNTY LEA OPERATOR CHEVRON

CE 3550
 KDS to CE _____
 DF to CE _____

13 " OD Surface Pipe
 set @ 228 ' w/ 160 sz
 Cnt. Circulated? yes

9 5/8 " OD 36 # 8 1/2 Thd
 Gr. _____ Csg _____
 set @ 1132 ' w/ 250 sz
 Cnt Circulated? _____
 TOC @ 190 ' by CALC.

7 " OD 22 # 10 1/2 Thd
 Gr. _____ Csg _____
 set @ 3740 ' w/ 300 sz
 Cnt Circulated? _____
 TOC @ 1633 ' by CALC.

6 1/8" O.H.

PBD 4050
 TD 4050

Date Completed 11-5-37
 Initial Formation GRAYBURG
 From: 3760 to 3852 COR _____
 Initial: Production ☒ 66 bopd 0 bupd
 Or: Injection ☐ bopd 0 psi
 Completion Data: _____

11-37 Acidz. w/ 2000 GALS. 50% solution. Acidz.
3775-3850 w/ 6000 GALS. 50% solution.

Subsequent Workover or Reconditioning:

9-47 Acidz. w/ 1000 GALS. 15% Acid.
3-60 Acidz. OH w/ 5000 GALS. 15% Acid.
6-72 Acidz. OH w/ 500 GALS. NEA. Re-Acidz.
 OH w/ 3000 GALS. 15% NEA w/ 1300 GALS.
5-80 Fish rods & stuck tubing
5-88 X-O WH. C/O to TD & deepen to 4050
 Acidz. w/ 3500 GALS. 15% NEA HCL. SWAB & RTP.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ 7 bopd 8 bupd Date 5-15-90
 GAS 38 MCF PD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. EMSL #106 FIELD/POOL Eumice Monument DATE 6-19-90
 LOCATION 1980 FEET FROM NORTH LINE AND 990 FEET FROM WEST LINE
 SECTION 25 - T20S - R36E UNIT E COUNTY LEA OPERATOR CHEVRON

CE 3547
 KDS to CE _____
 DF to CE _____

Date Completed 11-5-37
 Initial Formation GRAYBURG
 From: 3760 to 3852 GOR
 Initial: Production ☒ 66 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

13 " OD Surface Pipe
 set @ 226 ' w/ 160 sx
 Cmc. Circulated? Yes

11-37 Acidz. w/ 2000 Gals. Acid

9 5/8 " OD 36 # 8 Thd
 Gr. _____ Csg
 set @ 1130 ' w/ 250 sx
 Cmc Circulated? No
 TOC @ 188 ' by calc.

Subsequent Workover or Reconditioning:

6-49 Acidz. w/ 1000 Gals. 15% Acid
10-56 Acidz. w/ 3000 Gals. 15% Acid Set Model
ID Pkr. @ 3687'. Perf. Eumont @ 3481-90'.
3526-81', 3537-41'. + 3560-76' w/ 4 JHPF. Acidz.
 w/ 500 Gals. N.A.
8-79 TA'd Eumont GAS
5-80 Attempt to pull rods + tbg. unsuccessful.
4-82 Recorded tbg. + rods. clo to 3847'.
 FRAC OH w/ 12,000 gal. brine w/ 1819 sd.
 Squeezed perf's 3481-3576' w/ 100 sx. cent.
3-88 X-O w/ H. clo to TD + deeper to 4135'.
 Log w/ GR-CNL-CCL (LTD 4140'). Swab-test
 zone 5. FER = 2 BPH 0.70 oil. RTP.

3481-76 } Eumont perf's
3526-31 } (4 JHPF)
3537-41 }
3560-76 } SQZ'D w/ 100 SX.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ B bopd 25 bupd Date 5-21-90
 GAS 36 MCF PD

7 " OD 22 # 10 Thd
 Gr. _____ Csg
 set @ 3740 ' w/ 300 sx
 Cmc Circulated? No
 TOC @ 1633 ' by calc.

Remarks Or Additional Data:

6 1/8 " O.H.

PBD 4135
 TD 4135

WELL DATA SHEET

LEASE & WELL NO. EMSU #107 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 25 - T20S - R36E UNIT F COUNTY LEA OPERATOR CHEVRON

CE 3548 '
 XDB to CE 10 '
 DF to CE '

Date Completed 8-12-37
 Initial Formation GRAY BARK
 From: 3721 ' to 3850 ' COR
 Initial: Production ☒ 79 bopd @ 0 psi
 Or: Injection ☐ bopd @ psi
 Completion Data:

10 3/4" OD Surface Pipe
 set @ 260 ' w/ 200 sz
 Cnt. Circulated? yes - calc.

B-37 Acdz. w/ 3000 GALS. ACID.

Subsequent Workover or Reconditioning:

7 1/8" OD ' Thd
 Gr. ' Csg
 set @ 1154 ' w/ 600 sz
 Cnt. Circulated? YES
 TOC @ Surf. ' by CALC.

7-51 Acdz. w/ 3000 GALS. 15% NCA.
11-50 Acdz. w/ 5000 GALS. 15% NCA.
1-59 Removed OH PFR.
8-63 Acdz. OH w/ 1000 GALS. ACID
10-85 C/O to 3850'. RAN GR-CNL-CCU. Acdz.
 w/ 3000 gals. 15% HCl + 800# GRS. Chem. Sp. mfg.
7-88 x-0 WH. C/O to TD + deepen to 4650'.
 RAN GR-CNL-CCU-PDL logs. RTP.
B-4 80, 56 BW, 37 MCFPD.
A-10 80, 213 BW, 90 MCFPD.

Present Inj. ☐ bopd @ psi Date
 Present Prod. ☒ 2 bopd 262 bopd Date 5-5-90
 GAS 24 MCFPD

Remarks Or Additional Data:

5 1/2" OD 17 ' Thd
 Gr. ' Csg
 set @ 3722 ' w/ 800 sz
 Cnt. Circulated? yes
 TOC @ Surf. ' by CALC.

4 3/4" O.H.

PBD 4058
 TD 4058

WELL DATA SHEET

LEASE & WELL NO. EMSU #108 FIELD/POOL Eunice Monument DATE 6-19-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 25 - T20S - R36E Unit G COUNTY Lea OPERATOR CHEVRON

CE 3535
 KDB to CE _____
 DF to CE _____

Date Completed 6-29-37
 Initial Formation GRAY BLK
 From: 3730 to 3850 GOR 338
 Initial: Production ☒ 888 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

12 1/2" OD Surface Pipe
 set @ 291' w/ 200 sx
 Cmt. Circulated? YES

6-37 Acid. w/ 2000 Gals. Acid

Subsequent Workover or Reconditioning:

9 5/8" OD _____ Thd
 Gr. _____ Csg
 set @ 2524' w/ 500 sx
 Cmt. Circulated? NO
 TOC @ 639' by CALC.

3-44 Acid. w/ 5000 Gals. 20% HCl
4-57 Acid. w/ 2000 Gals. 15% Acid
6-80 Acid. w/ 5000 Gals. 15% HCl w/ 200#
GRS & 100# RAE. in 400 Gals. 30# G.W.
4-87 X-O WH. Up to TD & Weepers to 3710'. RAN
 GR-CAL-CEL for set PER @ 3675' & tested csg. OK
 RAN 7" BEV. ISN inj. PER @ 3678'.
 PWOT @ 720 BWSPP @ 0 PSI.
5-90 MIPN. POH w/ PER. Deepened well to 4037'.
 RAN inj. string. set PER @ 3678'. Tested
 csg. for 30 min. OK. PWOT.

Present Inj. ☒ 590 bupd @ 25 psi Date 5-20-90
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

7" OD 22" ID Thd
 Gr. _____ Csg
 set @ 3730' w/ 275 sx
 Cmt. Circulated? NO
 TOC @ 1798' by CALC.

Remarks Or Additional Data:

PBD 4037
 TD 4037

WELL DATA SHEET

LEASE & WELL NO. NEW #1 FIELD/POOL EUNICE MONUMENT DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
 SECTION 26 - T20S - R36E Unit A COUNTY LEA OPERATOR PHILLIPS PET.

GE 3564

KDB to GE

DF to GE

Date Completed 1-26-38Initial Formation GranburgFrom: 3696 to 3850 CORInitial: Production ☒ 141 bopd ☐ bupdOr: Injection ☐ bupd ☐ psi

Completion Data:

Acid. w/ 1000 GALS. 15% HCl.13 3/8" OD Surface Pipe
set @ 193 w/ 200 sxCmt. Circulated? yes - circ.(17 1/2" hole)9 5/8" OD 36" 8" Thd
Gr. 1265 w/ 250 Csgset @ 1265 w/ 250 sxCmt. Circulated? NOTOC @ 846 by CALC.(12 1/2" hole)

Subsequent Workover or Reconditioning:

2-40 Set EXNER PUDGE OH PKR @ 3754' RTP.4-40 Acid. down h. w/ 1500 gals. NEA. Flashed
w/ oil. swabbed & flowed well.11-71 MIPU. Checked TD w/ bailer @ 3850' Ttd.OH w/ 500 gals. 28% NEA. Swabbed. Equippedto pump. A- 53 BQ. 7 BW. 41 MCFPD.4-82 Pull P.E. RAD GRK/CL/CM loss. Perf'd OH w/1 SPF using 3 3/4" TORADO 90-gram perf charges @3701-07, 3714-16, 3730-30, 3729-41, 3774-80,3785-95, + 3802-19' (68 total shots) Set PKR @3580' + Acid. w/ 5000 gals. NEA/HCl Acid. Swab+ RTP. A- 10 BQ. 40 BW. N.M.P.9-87 Close TD. Deepen w/ 6 1/4" bit 3850' to 3890'Lagged OH w/ 62-CL/CL. Perf'd OH 3840-80w/ 5 SPF. Acid. OH 3696-3850' w/ 3000 gals. 15%NEA/HCl in 4 steps. Flow OH w/ 28.50% gas. Very goodw/ 29,000 # 20/60 + 7500 # 12/20 sd. Swab + RTPA- 4 BQ. 40 BW. 68 MCFPD.Present Inj. ☐ bupd @ _____ psi Date _____Present Prod. ☐ bopd _____ bupd Date _____

GAS _____ MCFPD

Remarks Or Additional Data: _____

7" OD 24" 10" Thd
Gr. 3696 w/ 400 Csgset @ 3696 w/ 400 sxCmt. Circulated? NOTOC @ 1237 by CALC.(8 3/4" hole)

PBD

TD 3890

WELL DATA SHEET

LEASE & WELL NO. FEDERAL 'D' #9 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM WESTLINE
 SECTION 26 T20S - R36E Unit C COUNTY LEA OPERATOR WARRIOR INC.

DF 3578
 KDB to CE _____
 DF to CE _____

Date Completed 4-21-55
 Initial Formation EUMONT Queen
 From: 3870 to 3910 COR 40
 Initial: Production ☒ 254 bopd 137 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

8 5/8" OD Surface Pipe
 set @ 1385' w/ 900 ex
 Cmt. Circulated? YES-CALC.
 (12 1/4" hole)

Acid. on w/ 1000 Gals. 15% LST Acid.
Frased w/ 25,000 gals. oil w/ 1 PM sand.

Subsequent Workover or Reconditioning:

5-66 RAN log 3400' to TD. Part 1 @ 3728, 3759,
3757, 3777, 3795, 3806, 3813, & 3821' w/ 15 PF.
RAN dual PER. Set btm PER @ 3860'. Acid. on
3870' to 3910' w/ 1000 gals. 15% NEA. Set plug
in PER. Set top PER @ 3863'. Acid. new PER's
w/ 1000 gals. 2 1/2% NEA. Re-set top PER @ 3707'
Frased PER's 3728-3821' w/ 20,000 gals. 20% acid
with 10,000 # 20/40 SD. POH w/ PER's & RTP.

6-82 Pull P.E. Acid. parts w/ 1500 gals
15% NEA. RTP.

3728'
 3739'
 3757'
 3777'
 3795'
 3806'
 3813'
 3821'

} Eumont parts
 1 JHPF
 (8 holes)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OD 15.5 # Thd
 Gr. _____ Csg. _____
 set @ 3870' w/ 800 ex
 Cmt Circulated? yes
 TOC @ Surf. by 78 CALC.

(7 7/8" hole)

PBD _____
 TD 3910'

WELL DATA SHEET

LEASE & WELL NO. FEDERAL 'D' #4 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 660 FEET FROM WEST LINE
 SECTION 26 T20S R36E Unit D COUNTY LEA OPERATOR WARRIOR INC.

PF 3585
 KOB to CE _____
 DF to CE _____

Date Completed 10-19-54
 Initial Formation EUMONT Green
 From: 3898 to 3947 COR _____
 Initial: Production ☒ 326 bopd ☐ bopd
 Or: Injection ☐ bopd ☐ psi
 Completion Date: _____

9 5/8" OD Surface Pipe
 set @ 328 ' w/ 300 ex
 Cmt. Circulated? YES-ALC.
 (13 3/4" hole)

Acid. Perfs 3898-3947' w/ 500 gals. 15%
LSI Acid. Frac w/ 20,000 gals. oil & 20,000
lbs. sand. RAN PERV on 2 1/2" Hg. + set PERV
3891'

Subsequent Workover or Reconditioning:

1-73 Pulled PER + Hg. PLAGE well on
rod pump.

11-82 MIPU. Pull P.E. Acidized perfs 3898-
3947' w/ 1200 gals. 15% NEA. EST.

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

Perfs 3898-3947'
4 JHPF
(196 holes)

7 " OD 23 # Thd
 Cr. _____ Csg. _____
 set @ 3980 ' w/ 800 ex
 Cmt Circulated? YES
 TOC @ Surf. by WCAU.

(8 3/4" hole)

PBD 3973
 TD 3980

WELL DATA SHEET

LEASE & WELL NO. FEDERAL 'D' #2 FIELD/POOL EUMONT DATE 6-22-90
 LOCATION 1980 FEET FROM NORTH LINE AND 660 FEET FROM WEST LINE
 SECTION 26 - T20S - R36E Unit E COUNTY LEA OPERATOR WARRICK Inc.

CE 3581
 KDB to CE
 DF to CE

Date Completed 8-21-54
 Initial Formation EUMONT QUEEN
 From: 3804 to 3910 GOR 1STM
 Initial: Production DF316 bopd 5 bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

9 5/8" OD Surface Pipe
 set @ 317' w/ 300 ex
 Cmt. Circulated? YES-CALC.

(1 3/4" hole)

Perf'd 3804-98' + 3910-64' (592 holes).
Acid. each set w/ 500 gals. 15% LST Acid.
Frac. dam. casing w/ 20,000 gals. oil w/ 22,500
lbs. sand. Ran 100 + PKV. PKV set @ 37NB.

Subsequent Workover or Reconditioning:

1-73 Pulled PKV. Placed well on rod-pump

6-82 MIPU. Acid. Perfs 3804-3910' w/
1200 gals. 15% NaHCl. RTP.

3804-98' } Perfs
 4 JHPF
 (592 holes)
 3910-64'

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd psi Date
 GAS MCFPD

Remarks Or Additional Data:

7" OD 23 # 8 Thd
 Gr. Csg.
 set @ 3990' w/ 800 ex
 Cmt. Circulated? YES
 TOC @ Surf. by 38 CALC.

(1 3/4" hole)

PBD 3982'
 TD 3990'

WELL DATA SHEET

LEASE & WELL NO. FEDERAL 'D' #8 FIELD/POOL EUMONT DATE 6-22-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 26 - T20S - R36E UNIT F COUNTY LEA OPERATOR WARRIOR, INC.

DF 3574
 KDB to GE _____
 DF to GE _____

8 5/8" OD Surface Pipe
set @ 1403' w/ 1000 ex
 Cmt. Circulated? Yes

(12 3/4" hole)

Date Completed 4-5-55
 Initial Formation Queen
 From: 3896 to 3940 COR 2401
 Initial: Production 270 bopd 303 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Date: _____

Acid. OH 3896-3940' w/ 1000 gals 15% LST
Acid. Frac OH w/ 25,000 gals. oil w/ 1 ppv sand.

Perf'd 3200-10' + 3228-44' (104 holes). Acid.
perfs w/ 500 gals. 15% LST Acid. Frac w/ 10,000 gals.
oil w/ 1 ppv sand. Uncommercial gas prod.
Set PKR below perfs @ 3781' + flowed oil
completion.

Subsequent Workover or Reconditioning:

3-62 Pulled OKR. RAN Pump & rods. PLAC
well on pump.

4-67 Pulled P.E. RAN log. Perf'd 3726', 3742',
3751', 3760', 3794', 3826' + 3841' w/ 1 JHFF
Set RAB @ 3840' + PKR @ 3688'. Acid new perfs
w/ 15% HCL-500 gals. Frac w/ 30,000 gals. gelled
with 15,000 # 20/40 sd + 15,000 # 10/20 sd. Pulled
RBI + PKR. RTP.

11-82 Pull P.E. AcidE perfs 3728-3821' w/
1500 gals. 15% NEA. Pulled per + RTP.

3200-10' Eumont Gas perfs
 unproductive
3228-44' (No record of spouting
 @ OGD.)

3726'
3742'
3751'
3760'
3794'
3826'
3841'

Perfs 1 JHFF
 (7 holes)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data: _____

5 1/2" OD _____ Thd
 Gr. _____ Csg.
set @ 3896' w/ 800 ex
 Cmt Circulated? NO
 TOC @ 1181 by TS

PBD _____
 TD 3940'

WELL DATA SHEET

LEASE & WELL NO. NEW #2 FIELD/POOL Eunice Monument DATE 6-22-90
 LOCATION 330 FEET FROM EAST LINE AND 1980 FEET FROM NORTH LINE
 SECTION 26 - T20S - R36E Unit H COUNTY LEA OPERATOR PHILLIPS PET.

CE 3552
 KDB to CE 10
 DF to CE

Date Completed 4-6-38
 Initial Formation MONUMENT (Queen)
 From: 3701 to 3810 GOR 4460
 Initial: Production ☒ 180 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:

13 " OD Surface Pipe
 sec @ 197 ' w/ 200 sz
 Cnt. Circulated? yes-CALC
 (17 1/4" hole)

Acids w/ 1000 GAL. 15% HCl Acid.

95/8 " OD 36 " Thd
 Cr. 1236 ' w/ 250 sz
 sec @ 1236 ' w/ 250 sz
 Cnt. Circulated? no
 TOC @ 498 ' by CALC
 (12 1/2" hole)

Subsequent Workover or Reconditioning:

3-40 Set PKR @ 3768' to reduce GOR.
Acids: 3768' to 3810' TD w/ 1000 gal. 15%
HCl. Swab + RTP Flowing 130 BOPD + 355 MCF/D.
3-40 Acids. OH 3768-3810' w/ 500 GAL 15% NEA.
Flowed 16 BOPD + 155 MCF/D.
7-40 Acids. w/ 750 gal. LST Acid. Flowed
34 BOPD + 1.6 MMCF/D.
12-40 Pulled P.C. Re-ran th. Set EXNER Dodge
OH PKR @ 3786 w/ side-door chg above.
Well Flowed 44 BOPD + 350 MCF/D from pay @
3755-60' only.
12-46 Set CIBP @ 3688'. Perf'd 3540-3670' w/
520-1/2" holes. Ran 2" CUE thg. w/ PKR + Set PKR
@ 3518'. Swab-tested gas parts. Acids. w/
250 gallons 15% NEA. Swabbed. ADF = 3.8 MMCF/D.
11-80 MIPU. Acids. parts 3540-3670' w/ 2500
gals. NEHCL Acid. Pulled PKR. Ran th. O.E. to 3662'
+ Swabbed well-in. A - 010/55 MCF/D.
9-87 PCH w/ P.C. Drilled out BRPKR @ 3785' +
deepened to 3881'. Perf'd OH 3735-40' + 3815-60'.
Acids. OH w/ 3000 gals. 15% NEHCL. Eval
OH w/ 40,000 gals. Gelled wtr. w/ 29,000 # 20/80
3d + 65,000 # 12/10 Sand. RTP.
A - P 5480/B BW/ 124 MCF/D

Queen parts:
3540-3670'
 (520 holes)

7 " OD 24 " Thd
 Cr. 3701 ' w/ 400 sz
 sec @ 3701 ' w/ 400 sz
 Cnt. Circulated? no
 TOC @ 1242 ' by CALC.
 (8 3/4" hole)

6 1/4" OH
 Gvb/SA

PBD 3881
 TD 3881

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF/D

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. FEDERAL 'D' #12 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 990 FEET FROM NORTH LINE AND 330 FEET FROM EAST LINE
 SECTION 27 - T20S - R36E Unit A COUNTY LEA OPERATOR WARRIOR, INC.

CE 3581
 KOB to CE 10
 DF to CE _____

8 5/8" OD Surface Pipe
 set @ 334 ' w/ 250 ex
 Cmt. Circulated? yes - CMC
 (12 1/4" hole)

Date Completed 3-17-78
 Initial Formation EUMONT PENROSE
 From: 3867 to 4109 COR 1250
 Initial: Production ☒ B bopd 2 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

RANGE-N 4110-3000'. Perf'd Penrose w/
 1-5/8" JHPF @ 4109, 4100, 4069, 4067, 4065, 4061,
 4041, 3988, 3982, 3976, 3966, 3962, 3903, 3896, 3887,
 3879, + 3867' (17 holes). Acid. Parts w/ 3000
 gals. 15% NEFCHL. Frac w/ 30,000 gals. gel +
 35,500 lbs. SAND. (Parts 4041-4109). Acid. + Frac
 3867-3988 w/ 3500 gals. 15% NEA + 40,000 gals.
 Variagel w/ 50,500 lbs. SAND. PUMP ON ROD PUMP.

Subsequent Workover or Reconditioning:

10-78 Recomplete to T Rivers:

MIPU. Perf'd @ 3180', 3327', 3347', 3357', 3419',
 3420', 3422', 3628', + 3641' w/ 1 5/8" JHPF (7 holes)
 Set CIBP @ 3800'. Set PLV @ 3110'. Acid. w/
 1500 gals. 15% NEA w/ 12 balls. Surfactant + RTP
 MCFPD, 50 MCFPD.

3-80 Pull P.C. D.O. CIBP @ 3800'. RAN CBLT
 PN logs. Re perf'd Green @ 3950-4067'.
 Acid. w/ 6000 gals. FE Acid w/ 160,000 SCE NL
 Flowed BACK + RTP.

3180'

3327'

3347'

3357'

3419'

3420'

3422'

3628'

3641'

3867'

3879'

3887'

3896'

3903'

3962'

3966'

3976'

3982'

3988'

4041'

4061'

4065'

4067'

4069'

4100'

4109'

PBD 4115
 TD 4123

4 1/2" OD 10.5 # STD C Thd
 Gr. J-55 Csg.
 set @ 4123 ' w/ 1150 ex
 Cmt Circulated? yes
 TOC @ Surf by MC circ.
 (7 7/8" hole)

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. FEDERAL 'D' #3 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 1980 FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE
 SECTION 27-T20S-R36E Unit H COUNTY LEA OPERATOR WARRIOR INC.

DF 3592
 KDB to CE _____
 DF to CE _____

Date Completed 9-18-54
 Initial Formation Queen/Penrose
 From: 3912 to 4000 COR 726
 Initial: Production 293 bopd 250 bupd
 Or: Injection ☐ bupd @ _____ psi

Completion Data:

Perf'd 7" @ 3912-4000'

Acid. perfs w/ 1000 gals. 15% HFA.

9 5/8" OD Surface Pipe
sec @ 305' w/ 300 ex
 Cmt. Circulated? yes - calc.

(1 3/4" h/c)

Subsequent Workover or Reconditioning:

1-73 Placed on rod pump.

10-74 Filed intent to deepen. No record in
old records showing work done.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

Perfs 3912-4000'

PBD 4001
 TO 4075

7" OD 23 # 8 1/2 Tnd
 Cf. _____ Csg. _____
 sec @ 4075' w/ 800 ex
 Cat Circulated? yes
 TOC @ surf by 88 calc.

(8 3/4" h/c)

WELL DATA SHEET

LEASE & WELL NO. HOBBS FED. #2 FIELD/POOL EUNICE MOUNTAIN DATE 6-25-90
 LOCATION 1980 FEET FROM SOUTH LINE AND 660 FEET FROM WEST LINE
 SECTION 18 - T20S-R37E Unit L COUNTY LEA OPERATOR PHILLIPS PET.

DF 3573

KDB to CE _____
 OF to CE _____

13 " OD Surface Pipe
 set @ 251 ' w/ 250 sx
 Cmt. Circulated? YES-CALC.

(17 1/4" hole)

9 5/8 " OD 36 " Thd
 Cr. _____ Csg _____
 set @ 1084 ' w/ 300 sx
 Cmt Circulated? NO
 TOC @ 199 ' by CALC.

(12 1/4" hole)

7 " OD 24 " Thd
 Cr. _____ Csg _____
 set @ 3766 ' w/ 400 sx
 Cmt Circulated? NO
 TOC @ 1307 ' by CALC.

6 1/8" O.H. (8 3/4" hole)

Date Completed 6-12-37
 Initial Formation CLAYBURG
 From: 3766 ' to 3865 ' GOR 1031
 Initial: Production ☒ 1212 bopd 0 bupd
 Or: Injection ☐ bupd @ _____ psi

Completion Data:

Acidz. w/ 1000 gal. 15% HCl Acid.
 Acidz. w/ 4000 gal. 15% HCl Acid.

Subsequent Workover or Reconditioning:

6-76 C/O to TD. Perf. OH 3846-70' (W.M.)
C/O 11' & RTP. A-17 BOPD/44 BWPB/MCFPD.

9-81 C/O to TD. Run GR/GAL/CAL 101. Perf.
OH w/ 90 gal. chgs @ 3774-76', 3780-82,
3786-88', 3792-96', 3800-12', 3816-26', 3830-38,
3840-46', & 3850-54'. Acidz. OH w/ 5000
gal. 15% NEFC-HCl. RTP.
A-35 BOPD/119 BWPB/18 MCFPD.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

PBD
 TD 3865

WELL DATA SHEET

LEASE & WELL NO. Hobbs Fed. #3 FIELD/POOL EUNICE MONUMENT DATE 6-25-90
 LOCATION 660 FEET FROM SOUTH LINE AND 660 FEET FROM WEST LINE
 SECTION 18 - T20S-R37E Unit M COUNTY LEA OPERATOR PHILLIPS PET.

DF 3573
 KDB to CE _____
 DF to CE _____

Date Completed 6-28-37
 Initial Formation GRAYBANK
 From: 3760 to 3870 GOR 1119
 Initial: Production ☒ 670 bopd 0 bupd
 Or: Injection ☐ bopd 0 psi
 Completion Data:

13 " OD Surface Pipe
 set @ 251 ' w/ 250 sx
 Cmt. Circulated? yes-CALC.
 (17 1/4" hole)

Acidz. w/ 9000 gals. 15% NEA.
Acidz. w/ 1000 gals. 15% NEA.
Acidz. w/ 3000 gals. 15% NEA.

95/8 " OD 36 " 8 " Thd
 Gr. _____ Csg _____
 set @ 1080 ' w/ 300 sx
 Cmt. Circulated? No
 TOC @ 195 ' by CALC.
 (12 1/4" hole)

Subsequent Workover or Reconditioning:

9-72 Acidz. OH w/ 500 gals. 15% NEA.
9-81 MIFU. PAM CALCICAL 14. Part'd OH
3772-78', 3780-86', 3790-3873', + 3826-44'
w/ 90-gr. charges. Set OK. @ 3720' + Acidz.
w/ 5000 gals. 15% NEA. HCL. RTP.
A- 28 BO, 20 BWPD.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☒ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

7 " OD 24 " 10 " Thd
 Gr. _____ Csg _____
 set @ 3760 ' w/ 400 sx
 Cmt. Circulated? NO
 TOC @ 1301 ' by CALC.

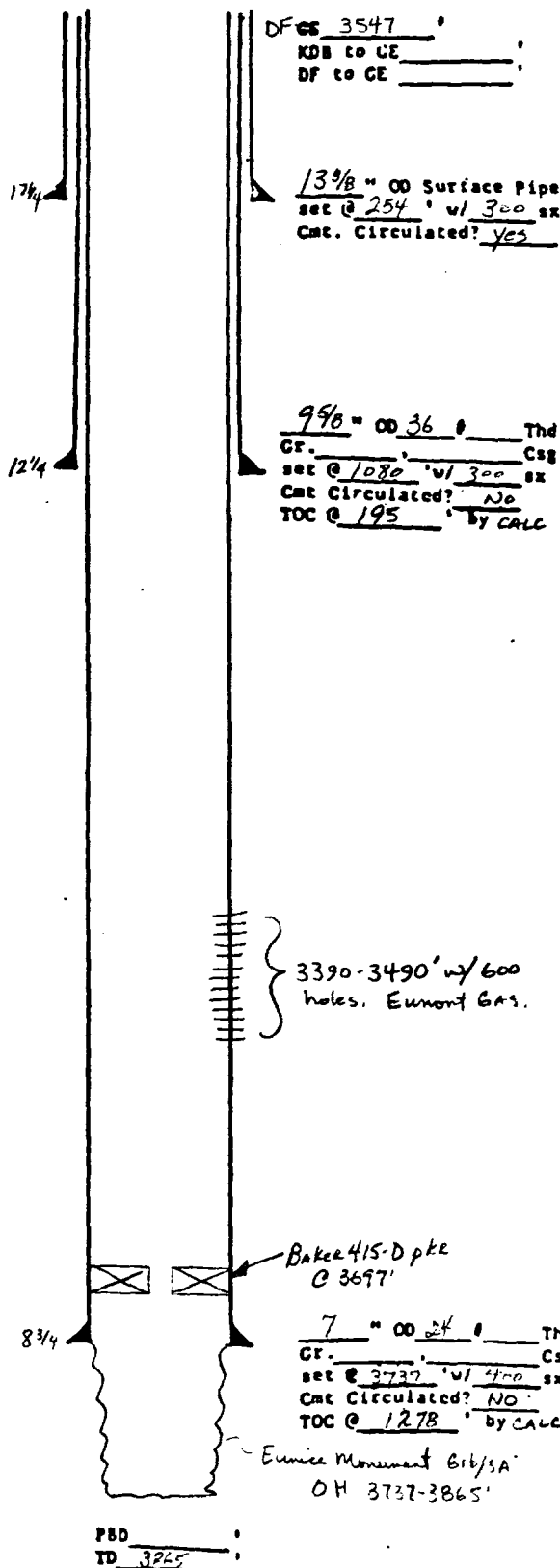
6 1/8 " OH
 (8 1/4" hole)

PBD 3870 '
 TD 3870 '

DUAL

WELL DATA SHEET

LEASE & WELL NO. Hobbs Federal #4 FIELD/POOL Eumont Y7RQ Gas/ Eunice Monument DATE 6-25-90
 LOCATION 660 FEET FROM SOUTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 18, T20S, R37E UNIT N COUNTY Lea OPERATOR Phillips Petro. Corp.



DF GS 3547
 KOB to CE
 DF to CE

13 3/8" OD Surface Pipe
 set @ 254' w/ 300 sx
 Cnt. Circulated? yes

9 5/8" OD 36 Thd
 Gr. Csg
 set @ 1080' w/ 300 sx
 Cnt Circulated? No
 TOC @ 195' by CALC

3390-3490' w/ 600
 holes. Eumont Gas.

Baker 415-D pke
 @ 3697'

7" OD 24 Thd
 Gr. Csg
 set @ 3737' w/ 400 sx
 Cnt Circulated? NO
 TOC @ 1278' by CALC.

Eunice Monument 6 1/2" SA
 OH 3737-3865'

PBD
 TD 3825

Date Completed 7-7-39
 Initial Formation Grayburg
 From: 3737' to 3865' GOR 695
 Initial: Production ☒ 832 bopd bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

Acid OH w/ 1000 gal reg acid. Reacid w/
 2000 gal reg acid

Subsequent Workover or Reconditioning:

12/54 - Test 7" cap OK. Perf Queen's @ 3390-
 3490 w/ 600 holes. Acid job w/ 300 gal 15%
 2500 gal Acid Petro. Inc. w/ 1/2" sd/2d. Queen's
 Test 7400 mcf/day. Dual Eumont Gas/Eunice Monument.
 Baker 415-D pke @ 3697'.

6/72 - Acid Eumont gas perf w/ 500 gal 15% Reg.
 Acid. Restore O.I./gas prod.

4/82 - Acid OH w/ 5000 gal 15% AFEA. Grubbs
 test 6.180/2780/ 602 4500.

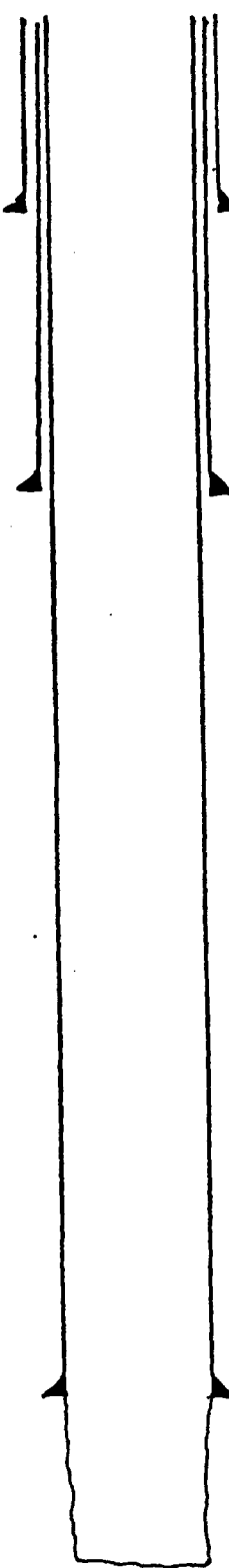
2/83 - RU. Loc. very small hole @ 1676-1706'. Too
 small to affect operations. Put back to production.
 6169 test - 1480/680/602 1264. Queen test 1778 mcf/gal
 @ 80/0 BOPD.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCF PD

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. EUNICE MONUMENT UH #2 FIELD/POOL EUNICE MONUMENT DATE 6-25-90
 LOCATION 660 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 19 - T20S-R37E Unit C COUNTY LEA OPERATOR GREENHILL PET.



DF 3545
 KDB to CE _____
 DF to CE _____

Date Completed 6-8-39
 Initial Formation GRAY SHALE
 From: 3689 to 3870 GOR 1630
 Initial: Production ☒ 335 bopd 3 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data: _____

10 3/4 " OD Surface Pipe
 set @ 134 ' w/ 150 sx
 Cmt. Circulated? yes - CAL.
 (12 1/4 ")

Acid 2. w/ 1000 gals. 15% NEA
Acid 2. w/ 2000 gals. 15% NEA
Acid 2. w/ 1000 gals. 15% NEA
Acid 2. w/ 3000 gals. 15% NEA

7 5/8 " OD 26.40 Thd
 Gr. _____ Csg
 set @ 1155 ' w/ 210 sx
 Cmt Circulated? NO
 TOC @ 124 ' by CAL.
 (9 5/8 ")

Subsequent Workover or Reconditioning:

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

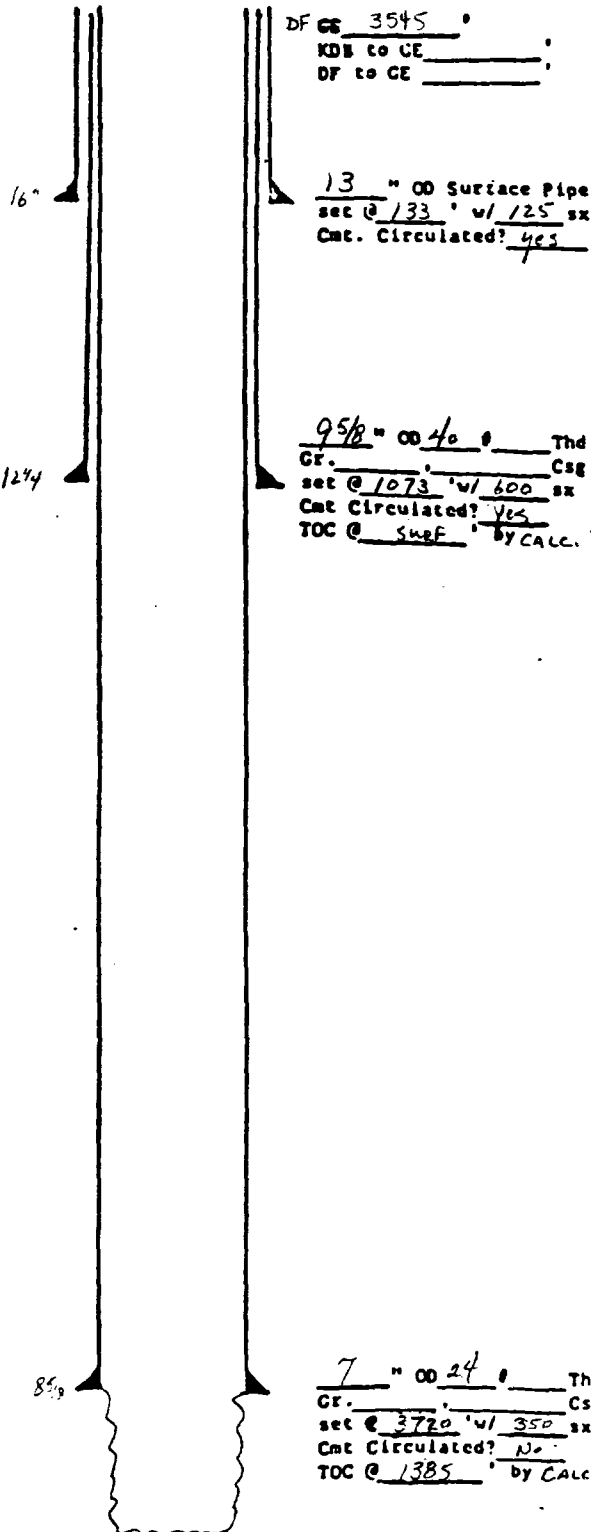
5 1/2 " OD 17 " 10 1/2 Thd
 Gr. _____ Csg
 set @ 3689 ' w/ 150 sx
 Cmt Circulated? NO
 TOC @ 2029 ' by CAL.
 (6 3/4 ")

Remarks Or Additional Data:

PBD 3870
 TD 3870

WELL DATA SHEET

LEASE & WELL NO. Eunice Monument Unit #1 FIELD/POOL Eunice Monument DATE 6-25-90
 LOCATION 660 FEET FROM North LINE AND 660 FEET FROM West LINE
 SECTION 19, T20S, R37E UNITED COUNTY Lea OPERATOR Greenhill Petro. Corp.



DF CS 3545
 KDS to CE _____
 DF to CE _____

13 " OD Surface Pipe
 set @ 133 ' w/ 125 ' sx
 Cmt. Circulated? yes

9 5/8 " OD 40 # Thd
 Gr. _____ Csg
 set @ 1073 ' w/ 600 ' sx
 Cmt Circulated? yes
 TOC @ SWF ' by CALC.

7 " OD 24 # Thd
 Gr. _____ Csg
 set @ 3720 ' w/ 350 ' sx
 Cmt Circulated? No
 TOC @ 1385 ' by CALC.

Date Completed 6-20-37
 Initial Formation Grayburg
 From: 3720 to 3878 GOR 1270
 Initial: Production ☒ 169 bopd 9 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

Tt'd OH w/ 2000 gal reg. acid. Tt'd w/ 4000 gal
reg. acid. Shot OH interval 3839-3878' w/ 100 gals
nitro. Tt'd OH w/ 6000 gal Reg. acid.

Subsequent Workover or Reconditioning:

2/75- Perf OH. f/ 3737-3828' Spot 500 gal X-100
in OH. Acid w/ 4000 gal 15% HCl. Test 1080,
228 w/ 60R 22.

10/76- C/O to TO. Tt'd w/ 110 gal Reg. perm. etc.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

PBD _____
 TD 3878

WELL DATA SHEET

LEASE & WELL NO. NEW MEXICO H'ST. (NCT-3) #25 FIELD/POOL EUMONT Y-SR-Q DATE 6-25-70LOCATION 992 FEET FROM NORTH LINE AND 957 FEET FROM WEST LINESECTION 19 - T205-R37E Unit D COUNTY LEA OPERATOR TEXACOCE 3535

KDB to CE

DF to CE

Date Completed 2-2-54Initial Formation QueenFrom: 3382 to 3550 2412 MCF/D.Initial: Production ☒ bopd 0 bupdOr: Injection ☐ bupd 0 psi

Completion Data:

8 5/8" OD Surface Pipe
set @ 1080' w/ 800' sx
 Cmt. Circulated? yes-call.

(11" hole)

Acid w/ 500 gal. 15% HCl
Frased w/ 16,000 gal. 1% crude w/
2 ppm sand.

Subsequent Workover or Reconditioning:

2-74 Cnt SALT + iron sulfide from top. T-10.
w/ Xylene + PARAFFIN dispersant. RTP.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF/D

Remarks Or Additional Data:

5 1/2" OD N 0 Thd
 Cr. _____ Csg. _____
 set @ 3382 w/ 450 sx
 Cmt Circulated? No
 TOC @ 982 by CALL.

(7 7/8" hole)

PBD 3550
 TD 3550

WELL DATA SHEET

LEASE & WELL NO. Eunice Monument Unit #11 FIELD/POOL Eunice Monument DATE 6-25-90LOCATION 2310 FEET FROM NORTH LINE AND 330 FEET FROM West LINESECTION 19, T20S, R37E UNITE COUNTY Lea OPERATOR Greenhill Petro. Corp.

17"

DF GE 3544 *
KDB to GE _____
OF to GE _____

Date Completed 2-28-38
Initial Formation Grayburg
From: 3625 to 3865 COR 388
Initial: Production ☒ 501 bopd _____ bupd _____
OR: Injection ☐ _____ bupd @ _____ psi
Completion Data: _____

Acid OH w/ 2000 gal reg acid.

13 " OD Surface Pipe
set @ 135 ' w/ 125 sx
Cmt. Circulated? Yes
CALC.

Subsequent Workover or Reconditioning:

9 5/8 " OD 40 # _____ Thd
Gr. _____ Csg
set @ 1087 ' w/ 300 sx
Cmt Circulated? No
TOC @ 286 ' by CALC.

7/76 - SI due to uneconomic. Held for
sec. day recovery

4/78 - C/O to TD. Set cmt relv @ 3757'. Sealed
OH w/ 10000 gal injectal @ 75 sx cmt. PBD 3750'.
Perf OH f/ 3630 - 3727'. Acid OH 3625-3750' w/
2000 gal 15% HCl. Frac'd w/ 25000 gal gel wtr @
30000 # 20/40 sd. Put on prod.

3/80 - SI - uneconomic to prod.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
Present Prod. ☐ _____ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data: _____

7 " OD 24 # _____ Thd
Gr. _____ Csg
set @ 3625 ' w/ 500 sx
Cmt Circulated? No
TOC @ 1623 ' by CALC.

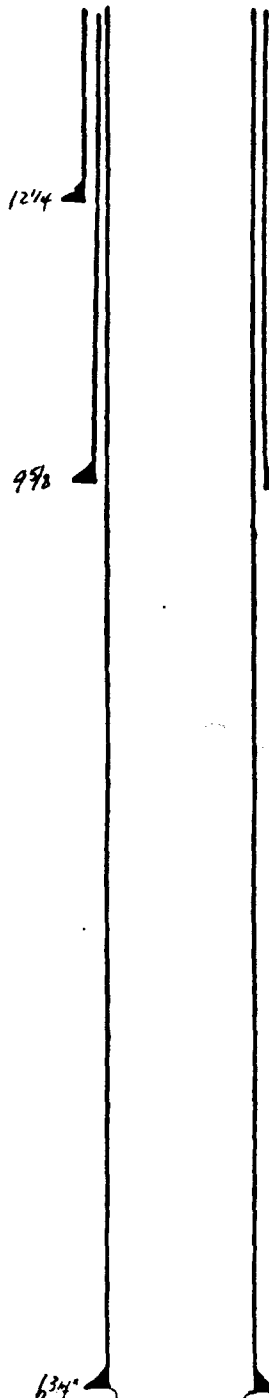
PB 3750'

PB w/ 10000 gal Injectal @ 75 sx cmt.

PBD 3750 :
TD 3865 :

WELL DATA SHEET

LEASE & WELL NO. Furnice Measurement Unit #12 FIELD/POOL Furnice Measurement DATE 6-25-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM West LINE
 SECTION 19, T20S, R37E UNIT EE COUNTY Lea OPERATOR Greenhill Petro. Corp.

1244' 
 993'
 634'
 10 3/4" OD Surface Pipe
 set @ 137' w/ 125' sx
 Cmt. Circulated? Yes
 CALC.

DF 3540
 KDB to CE _____
 DF to CE _____

Date Completed 8-26-39
 Initial Formation Granular
 From: 3675 to 3825 GOR 1900
 Initial: Production ☒ 89 bopd _____ bupd _____
 Or: Injection ☐ _____ bupd _____ psi
 Completion Data:

Acid OH w/ 1000 gal reg. acid. Reacted w/
3000 gal reg. acid. Reacted w/ 7000 gal reg. acid.

Subsequent Workover or Reconditioning:

12/58 - Fract. OH w/ 20000 gal 1st oil &
20000 # sd. Test 2580/65 BW/ 60K 960.

4/62 - C/O to 3850'. 592d OH w/ 100 gal cement
1015 gal Kerosene. Dump 1st Latex. Acid OH w/
200 gal gel acid 200 # naph. & 1500 gal LSTNCA.
Test 480/39 BWPD. PBD 3791'.

4/72 - T/A. Unsuccessful

1/89 - Still SI.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
 Present Prod. ☐ _____ bopd _____ bupd Date _____
 CAS _____ MCFPD _____

Remarks Or Additional Data:

5 1/2" OD _____ Thd _____
 Cr. _____ Csg _____
 set @ 3675 w/ 160 sx
 Cmt Circulated? NO
 TOC @ 1905 by CALC.

PBD 3791'

PBW/ 100 SA Cmt & 1015 gal Kerosene
 w/ 1st Latex on top.

PBD 3791'
 TD 3865'

WELL DATA SHEET

LEASE & WELL NO. New Mexico 'H' St. Net-4 #27 FIELD/POOL Eumont 9.7R. Q DATE 6-25-90
 LOCATION 1653 FEET FROM SOUTH LINE AND 969 FEET FROM WEST LINE
 SECTION 19, T20S, R37E UNIT L COUNTY Lea OPERATOR Texaco

GE 3532

KDB to GE _____

DF to GE _____

Date Completed 4-7-54Initial Formation Queen Eumont GasFrom: 3358 to 3550 2957 mcpd.Initial: Production ☐ bopd ☐ bupdOr: Injection ☐ bupd ☐ psi

Completion Data:

8 5/8 " OD Surface Pipe
 set @ 1100 ' w/ 700 ex
 Cnt. Circulated? yes

Acid OH 3358-3550' w/ 500 gal 10% acid
Fractured OH w/ 5000 gal oil + 5000 # sd.

Subsequent Workover or Reconditioning:

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

7 7/8"

5 1/2 " OD 14 # Thd
 Gr. _____ Csg. _____
 set @ 3358 ' w/ 750 ex
 Cnt. Circulated? yes
 TOC @ surf ' by FF CALC.

OH 3358-3550'

TD 3550'

WELL DATA SHEET

LEASE & WELL NO. EUNICE MONUMENT UT. #21 FIELD/POOL Eunice Monument DATE 6-25-90
 LOCATION 330 FEET FROM NORTH LINE AND 2310 FEET FROM EAST LINE
 SECTION 19 T20S-R37E Unit L COUNTY LEA OPERATOR GREENHILL PET.

DF 3549
 KDB to CE _____
 DF to CE _____

Date Completed 4-19-39
 Initial Formation GRAYBURG
 From: 3668 to 3874 COR 6720
 Initial: Production ☒ 238 bopd 2 bupd
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:

10 3/4" OD Surface Pipe
 set @ 119 ' w/ 125 sx
 Cmt. Circulated? YES-CALC.
 (12 1/4")

Acid. w/ 1000 gals. 15% ACP.
Acid. w/ 2000 gals. 15% ACP.
Acid. w/ 2000 gals. 15% ACP.

Subsequent Workover or Reconditioning:

7 5/8" OD 26 Thd
 Cr. _____ Csg
 set @ 1246 ' w/ 200 sx
 Cmt Circulated? NO
 TOC @ 264 ' by CALC.
 (9 5/8")

5-48 Acid. well w/ 1000 gals. 15% NEA.
Set OH PKC @ 3772' to reduce GOR.
Acid. 3772-3874' w/ 9000 gals. 15% NEA
A- F 17 BOPD & 7 BWPD.
5-55 Frased OH 3668-3874' w/ 10,000
gals. gelled w/ w/ 1 PPM sand. Placed on
rod pump.
B- 6 BOPD/16 BWPD/300 MCFPD.
A- 41 BOPD/2 BWPD/129 MCFPD.
3-70 Well SZ pending WF response.
2-72 Return to producing status.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD

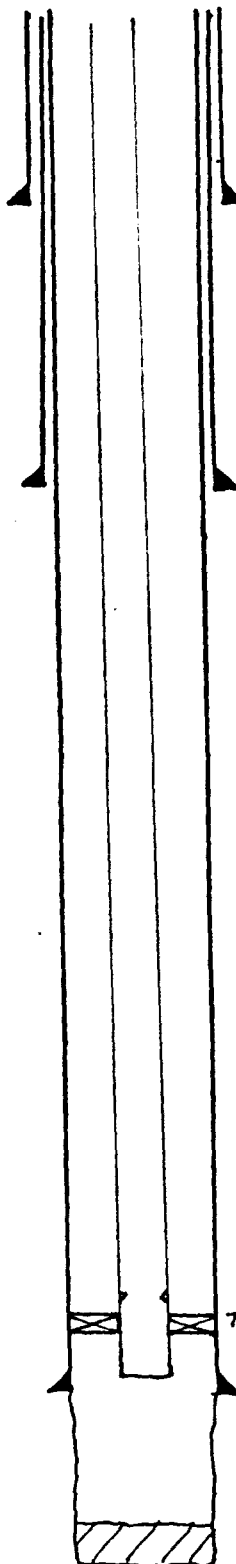
Remarks Or Additional Data:

5 1/2" OD 17 Thd
 Cr. _____ Csg
 set @ 3668 ' w/ 150 sx
 Cmt Circulated? NO
 TOC @ 2008 ' by CALC.
 (6 3/4")

PBD 3874 :
 TD 3874 :

WELL DATA SHEET

LEASE & WELL NO. EUNICE MONUMENT U. #28 FIELD/POOL Eunice Monument DATE 6-25-90
 LOCATION 330 FEET FROM SOUTH LINE AND 330 FEET FROM WEST LINE
 SECTION 19 - T20S - R37E Unit M COUNTY LEA OPERATOR GREENHILL PET.



CE 3543 '
 KDB to CE _____
 DF to CE _____

Date Completed 6-23-37
 Initial Formation GRAYBULL
 From: 3710 ' to 3873 ' GOR PRO.
 Initial: Production 480 bopd 0 bwpd
 Or: Injection ☐ bwpd 0 psi
 Completion Data:

13 " OD Surface Pipe
 set @ 137 ' w/ 125 sz
 Cmt. Circulated? yes - MC.
(16")

Acid. w/ 1650 gal. 15% HCl Acid.
Acid. w/ 3000 gal. 15% HCl Acid.

Subsequent Workover or Reconditioning:

9 5/8 " OD 40 # Thd
 Gr. _____ Csg
 set @ 1091 ' w/ 650 sz
 Cmt Circulated? yes
 TOC @ Surf. by CALC.
(12 1/4")

8-50 Acid. OH w/ 1000 gal. NGA
12-54 Frased OH w/ 6000 gal. gelled 162
oil w/ 1000 gal. AS Prod. 50 BOPD / 1000
7-68 Acid. OH w/ 2000 gal. 15% NGA.
2-69 Scale-inhibition gelled.

Date N/A - OH was PA w/ cmt. to 3837'.
PKR set @ 3689'.
(No record of pulling packer)

7" PKR. @ 3689'

7 " OD 24 # 10 " Thd
 Gr. _____ Csg
 set @ 3710 ' w/ 250 sz
 Cmt Circulated? No
 TOC @ 2042 ' by CALC.
(8 5/8")

Present Inj. ☐ bwpd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bwpd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

PBD 3837 '
 TD 3873 '

WELL DATA SHEET

LEASE & WELL NO. EUNICE MONUMENT UT. #34 FIELD/POOL EUNICE MONUMENT DATE 6-25-90
 LOCATION 660 FEET FROM WEST LINE AND 660 FEET FROM NORTH LINE
 SECTION 30 T20S-R37E UNIT D COUNTY LEA OPERATOR GREENHILL PET.

CE 3544KDS to CE _____
DF to CE _____Date Completed 4-26-37Initial Formation GRAYBURGFrom: 3725 to 3850 COR 5472Initial: Production ☒ 212 bopd ☐ bupdOr: Injection ☐ bupd @ _____ psi

Completion Data:

Acidz. w/ 1000 gals. 15% Acid.Acidz. w/ 2000 gals. 15% Acid.Acidz. w/ 5000 gals. 15% Acid.13 " OD Surface Pipe
set @ 164 ' w/ 160 sx
Cmt. Circulated? YES-CAU.(16" hole)

Subsequent Workover or Reconditioning:

9 5/8 " OD 36 " Thd
Gr. _____ Csg _____
set @ 1051 ' w/ 400 sx
Cmt Circulated? YES-CAU.
TOC @ surf. by CAU.(11" hole)Present Inj. ☐ bupd @ _____ psi Date _____
Present Prod. ☐ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data:

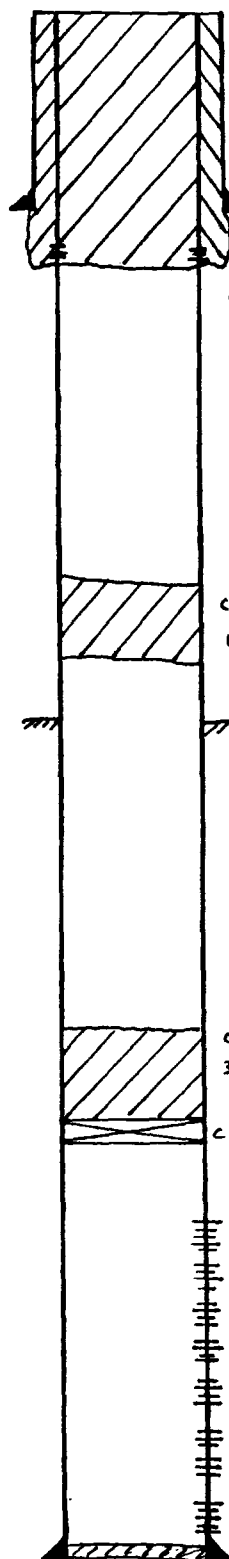
7 " OD 24 " Thd
Gr. _____ Csg _____
set @ 3725 ' w/ 300 sx
Cmt Circulated? NO.
TOC @ 1723 ' by CAU.(8 5/8" hole)PBD 3850 :
TD 3850 :

VI. Plugged &
Abandoned Wells

P&A

WELL DATA SHEET

LEASE & WELL NO. REED-SANDERSON Unit #21 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 1980 FEET FROM NORTH LINE AND 1980 FEET FROM WEST LINE
 SECTION 10 - T20S - R36E Unit F COUNTY LEA OPERATOR CONOCO



CE 3604'
 KOB to CE
 DF to CE

8 5/8" OD Surface Pipe
 set @ 313' w/ 225' ex
 Cmt. Circulated? Yes
 Perf'd @ 363' (45 slots)
 Cmt'd to surf. w/ 97 sx.

CMT. PLUG
 1336'-1432'

TOC @ 1180' by T.S.

CMT. PLUG
 3644'-3785'

C18PE 3785'

3816-28'
 3844-60'
 3865-78'
 3884-98'
 3902-20'
 3942-46'
 3951-55'
 3968-90'

PBD
 TO 4000'

5 1/2" OD 14' Thd
 Gr. set @ 3999' w/ 1420' ex
 Cmt. Circulated? NO
 TOC @ 1180' by TS

Date Completed 12-10-56
 Initial Formation Green
 From: 3816 to 3990 COR 108
 Initial: Production 0 bopd 0 bopd
 Or: Injection 0 bopd 0 psi
 Completion Data:

Perf'd @ 3816-28', 3844-60', 3865-78', 3884-98',
 3902-20', 3942-46', 3951-55', 3968-90' (TO-TM)
 of 412 holes). Acids: 3844-3920' w/ 1000 gal 15%
 Acid + 12,000 gallons oil w/ 1 PPG SD. Acids 3816-28' w/
 500 gal Acid + FRAC w/ 4000 gal oil w/ 1 PPG SD. Acids
 3942-90' w/ 1000 gal Acid + FRAC w/ 6000 gal oil
 w/ 1 PPG SD.

Subsequent Workover or Reconditioning:

1-57 Taken into Reed-Sanderson Unit.
 4-78 SI well - uneconomic.
 1-90 P+A well. Set C18PE @ 3785'. Tested csg.
 to 500 psi. OK. Set cmt. plug 3783' to 3544'.
 Spotted cmt 1432' to 1336'. Perf'd @ 363'
 w/ 4 SPF. Imp'd. 97 SX. Class C' cmt. + circ.
 cmt. to surface. Cut off WH + install dry
 hole marker. WELL P+A'd.

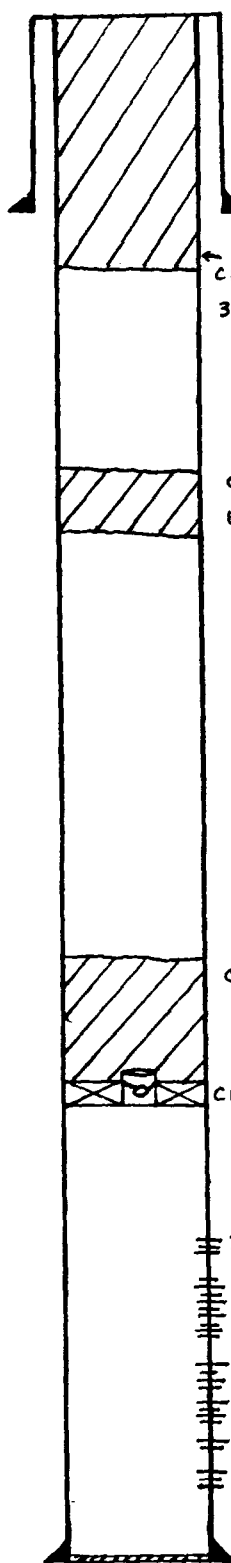
Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bopd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

P&A

WELL DATA SHEET

LEASE & WELL NO. REED SANDERSON Ut. #24 FIELD/POOL EMMONT DATE 6-21-70
 LOCATION 2310 FEET FROM SOUTH LINE AND 2310 FEET FROM WEST LINE
 SECTION 10 - T20S-R36E Unit K COUNTY LEA OPERATOR CONOCO



DF 3595
 KOB to CE _____
 DF to CE _____

8 5/8" OD Surface Pipe
 set @ 300 w/ 300 sx
 Cmt. Circulated? yes

CMT. PLUG
 350' - SURFACE

CMT. PLUG
 1344' - 1440'

CMT. PLUG
 3420' - 3661'

CICR @ 3661'

3838-44'
 3856-79'
 3882-86'
 3903-13'
 3918-30'
 3946-48'
 3958-62'

PBD
 TD 4030

5 1/2" OD 14 # Thd
 Cg. _____ Csg. _____
 set @ 4029 w/ 2300 sx
 Cmt Circulated? yes
 TOC @ surf. by calc.

Date Completed 12-31-57
 Initial Formation Queen
 From: 3838 to 3962 COR 947
 Initial: Production ☒ 8 bopd ☐ 0 bupd
 Or: Injection ☐ 0 bopd ☐ 0 psi
 Completion Data:

Perf'd 3838-44' 3856-79' 3882-86' 3903-13'
3918-30' 3946-48' + 3958-62'
 Acid. w/ 1000 Gals. 15% NEA
 Frac w/ 16,000 gals. 150 crude w/ 1 PPA sand.

Subsequent Workover or Reconditioning:

6-67 Converted to WI for Reed-Sand. WF Unit.
 Pulled P.E. RAN 2 3/8" cmt-lined th. + inj.
 packer. Set PKR @ 3707'. PWT @ 371 BWEP
 @ 1000 psi.

4-74 Shut-in as uneconomic WIW.
 12-82 Set CICR @ 3661' + displaced hole w/
 PKR. fluid. PWH. well Temp. AbAND.

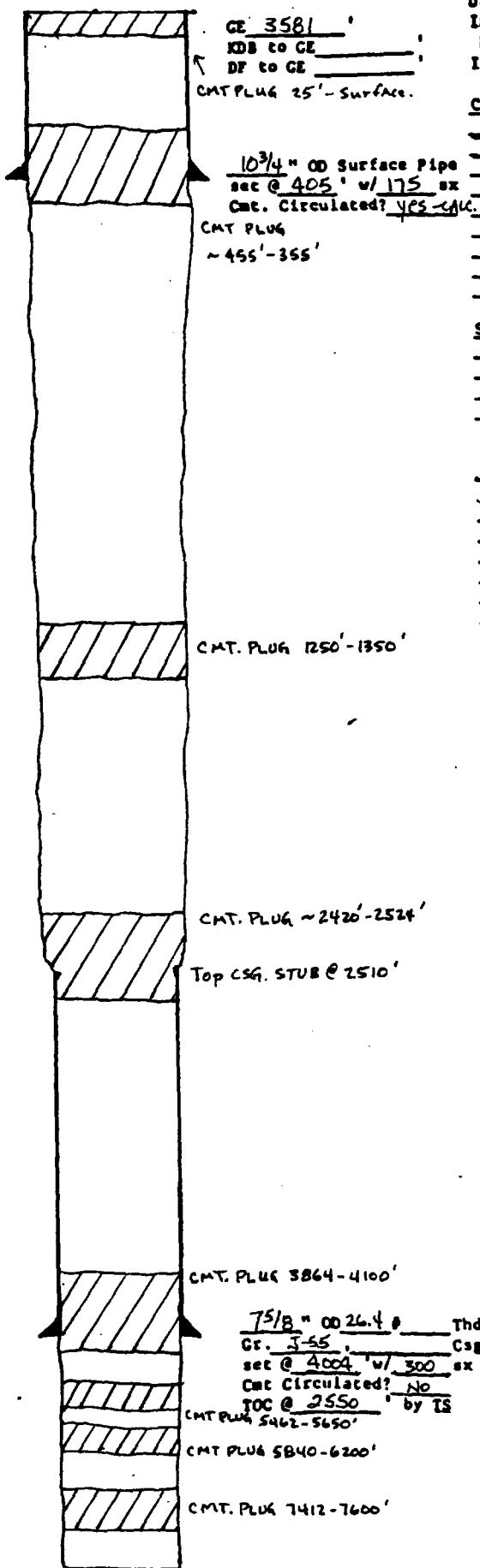
12-89 P+A'd well: Spotted 25 sx cat on top
 of CICR 3661' to 3420'. Spot 10 sx cat 1440' to
 1344'. Spotted 40 sx. cat. 350' to surface.
 Cut off w/H. Install dry hole marker.
 Well now P+A'd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. SANDERSON 'B-1' FED. #9 FIELD/POOL UNDESIGNATED DATE 6-21-90
 LOCATION 660 FEET FROM SOUTH LINE AND 1980 FEET FROM EAST LINE
 SECTION 10 - T20S - R36E, Unit 0 COUNTY LEA OPERATOR CONOCO



Date Completed 6-25-63
 Initial Formation Undesignated
 From: to COR
 Initial: Production ☐ bopd bupd psi
 Or: Injection ☐ bupd @ psi
 Completion Data:
 DST'd Abo pay + SAN ANDRES.
 Cored Queen 3766' to 3935'

Subsequent Workover or Reconditioning:

6-63 TA'd well w/o any completion.

11-71 Filled 7 5/8" csq. w/ 10" mud to ~ 2650'.
 Cut 7 5/8" csq. @ 2510' + pull. Set 50 sq. cmt
 plug @ 2524'. Set 35 sq. cmt. plug @ 1350' and
 a 50 sq. cmt. plug @ 10 1/4" slot. Placed 10 sq.
 plug @ surface. Cut off oil + install dry
 hole marker. Well PTA'd.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCFPD

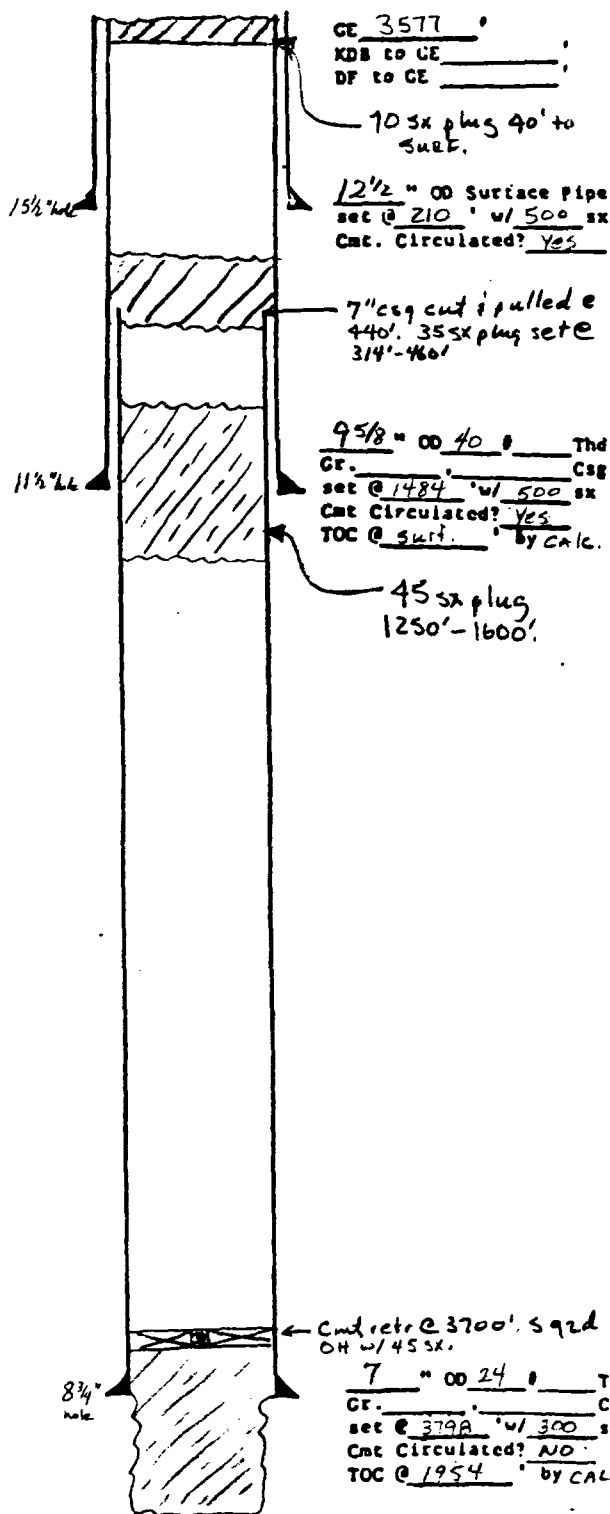
Remarks Or Additional Data:

P#A

Plug & Abandoned

WELL DATA SHEET

LEASE & WELL NO. Mary J. Byrd #2 FIELD/POOL Eunice Monument DATE 6-20-90
 LOCATION 2310 FEET FROM North LINE AND 1650 FEET FROM EAST LINE
 SECTION 11, T20S R36E Unit G COUNTY Lea OPERATOR Arco



Date Completed 10-19-36
 Initial Formation Groggburg
 From: 3798 to 3896 GOR
 Initial: Production ☒ 137 bopd 0 bupd
 Or: Injection ☐ bupd 0 psi
 Completion Data:
Acid OH w/ 2000 gal rex acid

Subsequent Workover or Reconditioning:

7/62 - Well SF due to low prod.
9/74 - Set ret @ 3700'. Sqrd OH w/ 45 sx cnt
Cut 7\" csg @ 440'. Pulled. Load hole w/ 9\" mud.
Spot 45 sx plug @ 1250-1600'. Spot 35 sx across
460'-314'. Spot 10 sx plug 40' to surf. Install
DRY Hole marker. WELL P&A'd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

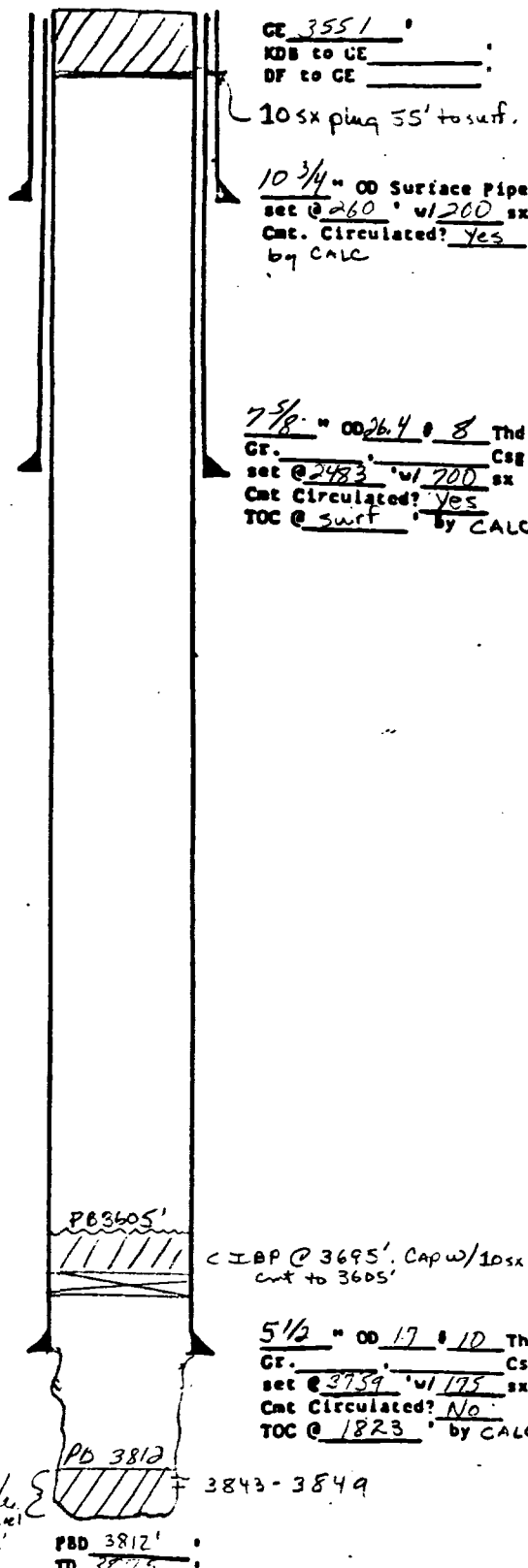
Remarks Or Additional Data: _____

PBD SURF. _____
 TD 3896

P/A'd

WELL DATA SHEET

. EMSU 891 WIC

LEASE & WELL NO. Graham State Net H #2 FIELD/POOL Kumice Monument DATE 6-19-90LOCATION 660 FEET FROM South LINE AND 660 FEET FROM West LINESECTION 13-T-20S-R-36E UNIT M COUNTY Lea OPERATOR Chevron

CE 3551

KDB to CE

DF to CE

10 sx plug 55' to surf.

10 3/4" OD Surface Pipe
 set @ 260' w/ 200' sx
 Cnt. Circulated? Yes
 by CALC

7 1/8" OD 26.4 # 8 Thd
 Gr. Csg
 set @ 2483' w/ 700' sx
 Cnt. Circulated? Yes
 TOC @ surf by CALC

PB 3605'

C I BP @ 3695'. Cap w/ 10sx
 cut to 3605'

PB 3812'

3843-3849

PBW/
 hydromulc
 & pea gravel
 to 3812'

PBD 3812'

TD 3875'

Date Completed 9-18-37
 Initial Formation Granular
 From: 3670 to 3875 GOR 873
 Initial: Production ☒ 1800 bopd .8% bupd
 Or: Injection ☐ bupd @ psi
 Completion Data:

9-18-37 Acidz w/ 2000 Gals 1490
 Test B4 No Flow swabbed dry.
 Test After 450 BALS in 6 hrs 73 1/2
 BALS 1st AC. Max. TBG Press. 1750 #.
 Max. Csg. Press. 1950 #.

Subsequent Workover or Reconditioning:

1-40 Set Packer @ 3780'.
 Test B4 50 BOPD 974000 cu. ft ggs.
 After 51 1/2 BOPD 164000 cu. ft. ggs.
 6-57 Perfs @ 3849-3843'.
 10-57 Pulled lbs = PKR. Ran 2-1/8" + bg
 w/ PKR @ 3774'. Treated OH formation
 w/ 13,860 Gals refined oil w/ 1/2 # SD
 per Gal. Ran 2-1/8" + bg w/ PKR @ 3768'.
 Swabbed.
 10-64 CRD fill up @ 3863'. Dump 15
 Gals pea gravel. CRD fill up @ 3846'.
 Dump 8 Gals 8-12 frac SD CRD fill up
 @ 3839'. Dump 16.8 gals hydromulc CRD
 fill up @ 3828'. Dump 16.8 gals hydromulc
 CRD fill up @ 3812'. Ran 2-3/8" + bg w/ 2 1/4"
 X 12'.

10-64 Shut-IN well

2-66 P&H, C I BP @ 3695'.
 Circulated w/ mud. Spotted
 10 sx cmf plug on top of BP. Tested
 Csg. plug w/ 500 # OK. Spotted 10 sx
 cmf plug from 55' to surface.
 Cleaned out location, installed dry
 hole marker.

Present Inj. ☐ bupd @ psi Date
 Present Prod. ☐ bopd bupd Date
 GAS MCF PD

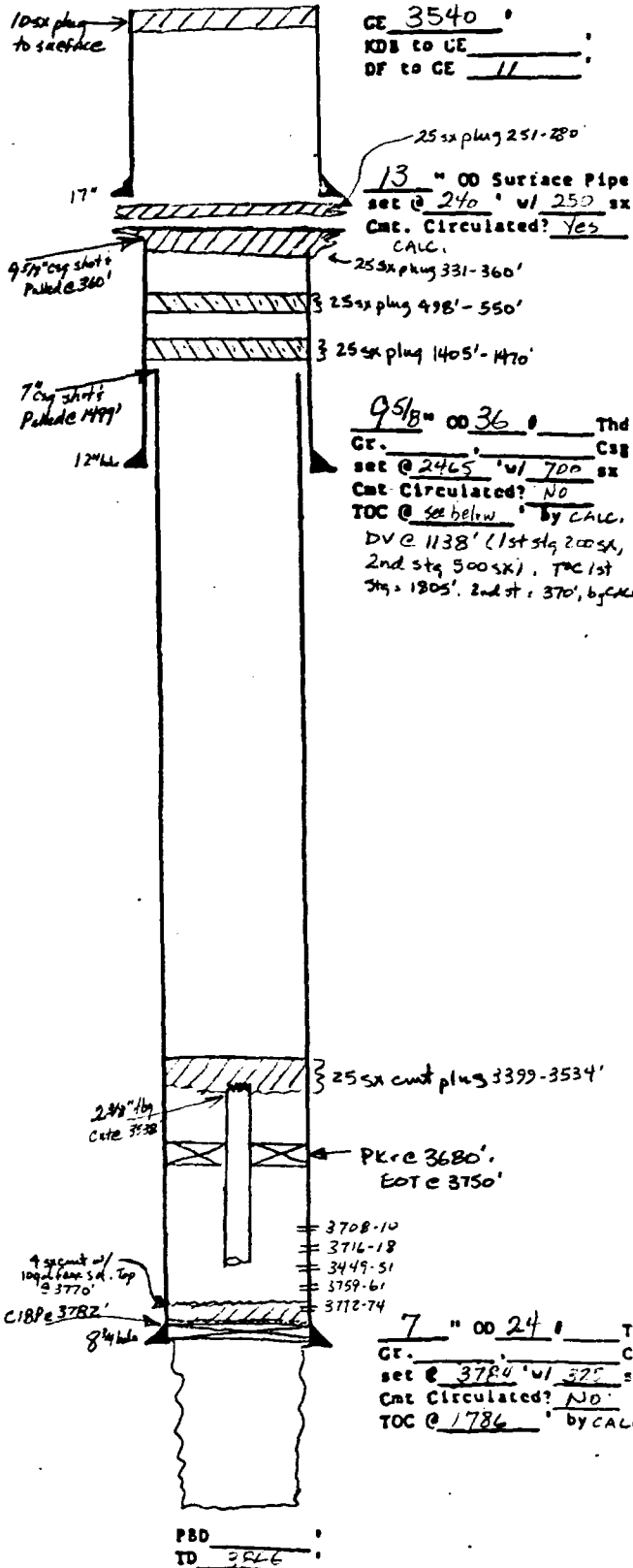
Remarks Or Additional Data:

F.H'd

Replacement well will be
EMS# 892

WELL DATA SHEET

LEASE & WELL NO. STATE 'K' #2 FIELD/POOL Furnice Monument DATE 6-25-90
LOCATION 660 FEET FROM SOUTH LINE AND 1980 FEET FROM WEST LINE
SECTION 13, T20S, R36E UNIT N COUNTY Lea OPERATOR Texaco



Date Completed 8-23-37
Initial Formation Granular
From: 3784 to 3866 COR 1157
Initial: Production ☒ 1296 bopd bupd
OR: Injection ☐ bupd @ psi
Completion Data:

Acid OH w/ 2000 gal Res. Acid

Subsequent Workover or Reconditioning:

7/50 - Acid OH w/ 1000 gal Res. Acid
1953 - well SE uneconomic
2/62 - Set CIBPE 3782', Perf. csg @ 3772-74
3759-61, 3749-51, 3716-18, 3708-10, w/ 4.5" p. Test
indicates gas in common Pump 30 gal/sec down to
BP. Said 'btm set 2' 4.5" and w/ Welox 500 c.c.
cut top 3770'. Per the per Set p.c. @ 3680'. EOT @
3750'. Install p.c. equip. Test 2800/162 BW/60K 929
11/64 - SI well 'production' reconditioned well
12/66 - Cut off 2" plug @ 3538'. Set 25 SX plug
from 3534-3799'. Shot 7" casing @ 1490' & pulled
Set 25 SX plug 1470-1405'. Set 25 SX plug 550' to 498'
Shot 7 5/8" @ 360' & pulled. Set 25 SX plug 360-331'
Set 25 SX plug 280-251'. Set 10 SX plug in 13" to
sum. in EOT Per'd 12-30-66. Salvaged
3538' & 2" plug, 1499' & 7" casing @ 360' & 9 5/8" casing.

Present Inj. ☐ bupd @ psi Date
Present Prod. ☐ bopd bupd Date
GAS MCFPD

Remarks Or Additional Data:

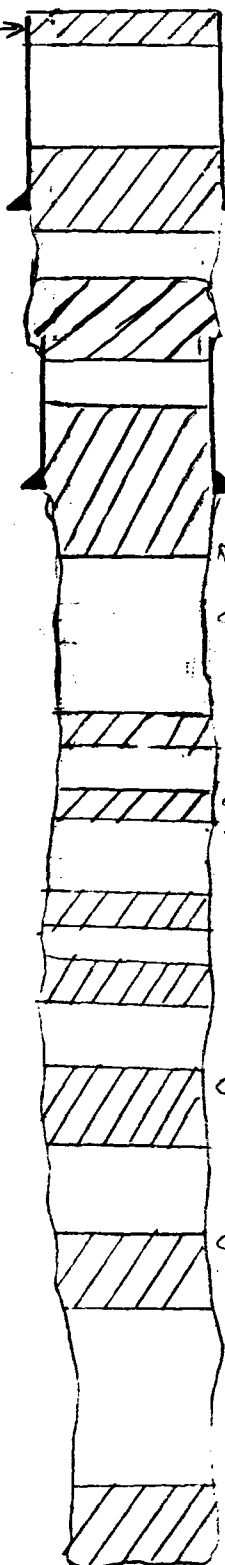
PJA

PJA

WELL DATA SHEET

LEASE & WELL NO. Sanderson 'A14' #10 FIELD/POOL Undesignated DATE 6-22-90
 LOCATION 810 FEET FROM North LINE AND 660 FEET FROM East LINE
 SECTION 14-T-20S-R-36E Unit A COUNTY Lea OPERATOR Conoco

CMT Plug @ Surface
 10 SX



DF @ 3568'
 KDB to CE
 DF to CE

CMT Plug @ 277-377'
 60 SX
 13 3/8\"/>

← cut & pulled 9 5/8\"/>

9 5/8\"/>

CMT Plug @ 5060-5150'
 35 SX

CMT Plug @ 5350-5760'
 150 SX

CMT Plug @ 6590-6690'
 36 SX

CMT Plug @ 6830-7030'
 72 SX

CMT Plug @ 7130-7230'
 36 SX

CMT Plug @ 7600-7700'
 36 SX

CMT Plug @ 8090-8250'
 60 SX

CMT Plug @ 9300-9444'
 54 SX

PBD
 TD 9444'

Date Completed (11-20-59) Dry hole
 Initial Formation Devonian
 From: _____ to _____ GOR _____
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bopd @ _____ psi

Completion Data:
 DST'd 31A-3920-4024, Delmar 4170-4342, 4645-4760, Abo 7130-7682, Deannan 7407-8107, 9365-9380, 9417-94. New Commercial.

Subsequent Workover or Reconditioning:

11-59 Temporary Abandoned, Cut
 Plugs set @ 9350-9444 w/54 SXS, 8090-8250 w/60 SXS, 7600-7700 w/36 SXS, 7130-7230 w/36 SXS, 6830-7030 w/72 SXS, 6590-6690 w/36 SXS, 5350-5760 w/150 SXS, 5150-5060 w/35 SXS. Recut 5150-5060 w/35 SXS. Well PB into 9 5/8\"/>

12-61 Well plugged, cut & pulled 800 ft 9 5/8\"/>

PJA'd

Present Inj. ☐ bopd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. REED 'B-22' #2 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 660 FEET FROM EAST LINE
 SECTION 22 - T20S - R36E UNIT A COUNTY LEA OPERATOR CONOCO

CE 3578
 KDB to CE _____
 DF to CE _____

Date Completed 11-20-55
 Initial Formation EUMONT Green
 From: 3893 to 3774 GOR _____
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bopd _____ psi
 Completion Data:

8 5/8" OD Surface Pipe
 set @ 360' w/ 225 ex
 Cmt. Circulated? yes - calc.

Perf'd 4006-18' + Acid. w/ 1000 gals. 15% NEA Frac
 w/ 6000 gals. oil w/ 1 PM sand. Tested + squeezed w/
75 sacks cement. Perf'd 3956-74' (72 holes). Treated
 w/ 1000 gals 15% NEA + 6000 gals oil w/ 1 PM sand. Perf'd 3893-
3902' + 3914-50' (116 holes). Treated w/ 1000 gals Acid + 8000
gals oil w/ 1 PM sand. These perforations were squeezed w/ 100 lbs. conf.
 Perf'd 3893-3902 + 3914-50' (180 holes). Treated w/ 1000 gals. Acid
 + 20,000 gals oil w/ 1 PM sand. Perf'd 3726-60' (136 holes). Treated w/

Subsequent Workover or Reconditioning:

COMPLETION CONT'D -

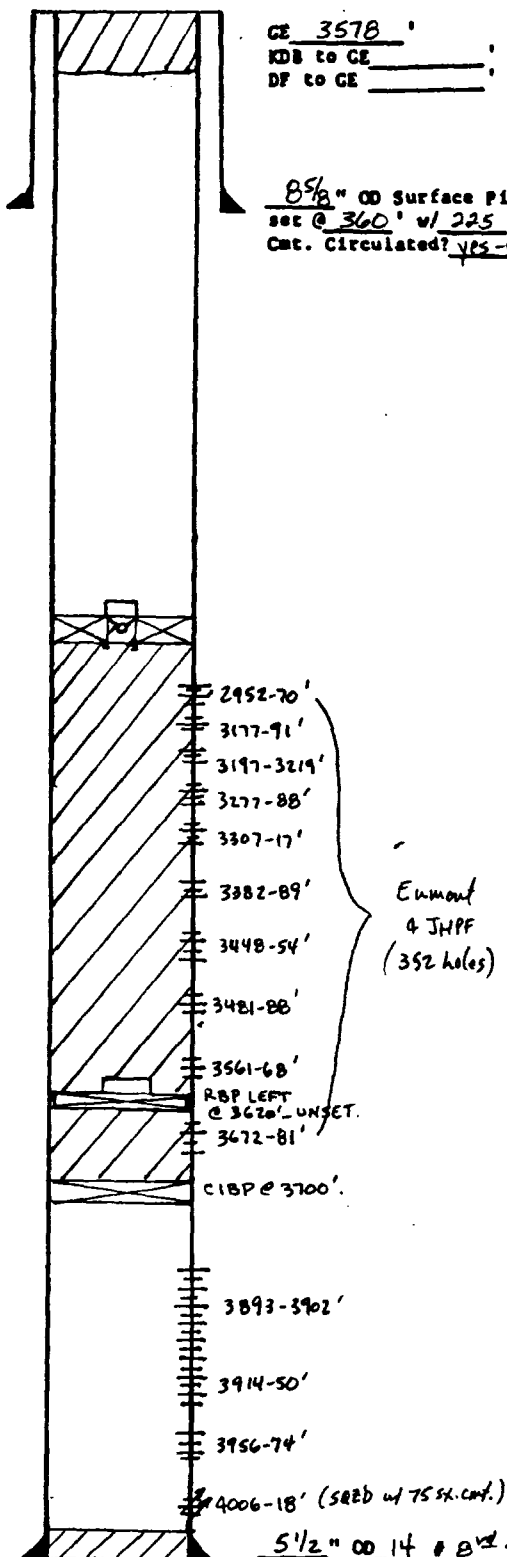
1000 gals. Acid + 8,000 gals oil w/ 1 PM sand.
1-36 well Treated - uneconomic oil or gas.

10-56 Recompleted to upper Eumont.
 Set CIBP @ 3700'. Perf'd @ 3672-81' w/ 4 SFE
NO GAS. Perf'd 3561-68' w/ 4 SFE. No GAS. Perf'd
3481-88' w/ 4 SFE. No GAS. Perf'd 3452-70' 3177-91'
3197-3219' 3277-88' 3307-17' 3382-87' 3448-54'
 w/ 4 SFE (352 holes). Set RAB @ 3343. PER @
3248. Treated 3277-3317' w/ 500 gals Acid. Frac w/
5000 gals oil w/ 1 PM sand. Set RAB @ 3250. PER
 @ 3130. Treated 3177-3219' w/ 500 gals Acid. Frac w/
7000 gals oil w/ 1 PM sand. Could not pull RAB
 Pushed down to 3620' and left in hole.
A-265 MCFPD.

7-66 PTA'd well. Pulled for Set 5 1/2" BLR.
 CIBP @ 2897'. Cmt. w/ 100 lbs. class A conf. below
 rtar. Set 105x plug at surface. Cut off
 WH & install dry hole marker. Well PTA'd.

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCFPD _____

Remarks Or Additional Data:



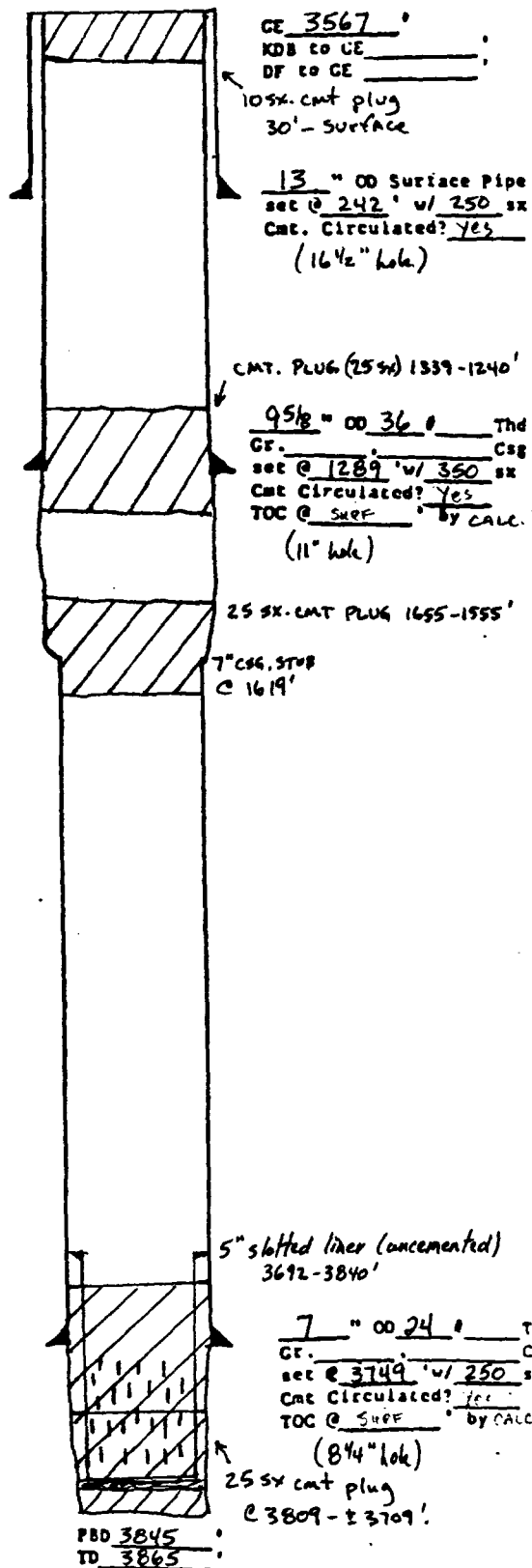
PBD
 TO 4030

5 1/2" OD 14 # B Thd
 Gr. J-55 Csg.
 set @ 4029' w/ 1425 ex
 Cmt Circulated? yes
 TOC @ Surf. by calc.

P&A

WELL DATA SHEET

LEASE & WELL NO. SCHAFER STATE #1 FIELD/POOL EUMONT DATE 6-21-90
 LOCATION 660 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINE
 SECTION 26 - T20S - R36E Unit B COUNTY LEA OPERATOR ELLIOTT OIL



Date Completed 5-13-38
 Initial Formation MONUMENT (GRAYBURG)
 From: 3749 to 3865 COR
 Initial: Production ☐ bopd _____ bupd _____
 Or: Injection ☐ bupd @ _____ psi
 Completion Data:
 PB w/ cement 3865' to 3845'.
 Acid w/ 1000 GALS 15% ACID - 50% SOLN.
 Acid w/ 3000 GALS 15% ACID - 50% SOLN.

Subsequent Workover or Reconditioning:

9-39 CID to 3840'. Set 148' of 5" perforated
 liner 3692' to 3840'. A - F 25 BX / 75 BX.

6-67 Well ST - uneconomic.

12-75 P&A well:

Spotted 25 SX. cmt. @ 3809'. Spotted
 25 SX cmt. @ 1635'. After pulled 7" csg.
 from 1619'. Spotted 25 SX. cmt. @ 1339'.
 Spotted 10 SX. in top of surface csg. Cut
 off wtl & installed dry hole marker

Present Inj. ☐ bupd @ _____ psi Date _____
 Present Prod. ☐ bopd _____ bupd Date _____
 GAS _____ MCF PD _____

Remarks Or Additional Data:

WELL DATA SHEET

LEASE & WELL NO. SCHAFER STATE #2 FIELD/POOL EUMONT DATE 6-22-70LOCATION 2310 FEET FROM NORTH LINE AND 1650 FEET FROM EAST LINESECTION 26 - T20S-R36E Unit G COUNTY LEA OPERATOR ELLIOTT OIL

CE 3567'
KOB to CE
DF to CE
CMT PLUG 40' to surface.

8 5/8" OD Surface Pipe
set @ 1294' w/ 250 ex
Cmt. Circulated? NO - CMC.
(11" hole) (T1385' cmt.)
CMT PLUG @ 1264-1344'

CMT PLUG @ 1790-1860'
7" casing @ 1830'

CMT PLUG @ 3670-3748'

7" OD 22" Thd
Gr. _____ Csg. _____
set @ 3723' w/ 300 ex
Cmt Circulated? NO
TOC @ 1879' by MCALC.

(8 1/4" hole)

Date Completed 8-9-46
Initial Formation MONUMENT (Green)
From: 3867' to 3936' COR
Initial: Production ☒ P 30 bopd _____ bupd _____
Or: Injection ☐ _____ bupd @ _____ psi

Completion Data:
PB to 4032'. Acids w/ 500 gals. Acid @ 1700 psi.
Bridged hole @ 3992'. PB w/ gravel to 3982'. PB
w/ CMC seal to 3948' + w/ plastic to 3936'. Set pkr
@ 3867' + Acid. w/ 3000 gals. 15% NEA.

Subsequent Workover or Reconditioning:

B-50 Shot OH 3748-68' w/ open-hole cone
shot. RTP

7-67 SI well - uneconomic.

6-71 Well P+A'd:
Spotted 25 SKs cmt @ 3748'. Spotted 25 SKs
cmt @ 1860' across 7" stub after recovering
1830' of 7" casing. Spotted 25 SKs cmt across
8 5/8" shoe. Spotted 10 SKs cmt @ surface.
Cut off WH + installed dry hole marker.
Well now P+A'd.

Present Inj. ☐ _____ bupd @ _____ psi Date _____
Present Prod. ☐ _____ bopd _____ bupd Date _____
GAS _____ MCFPD _____

Remarks Or Additional Data:

VII. Data on
Proposed Oper-
ations

DATA ON PROPOSED OPERATION
OF
EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B

1. Proposed average and maximum daily rate and volume of fluids to be injected:

Average Daily Rate of 666 BWP
Maximum Daily Rate of 800 BWP

2. System is closed

3. Proposed average and maximum injection pressures:

Average injection pressure of 350 psi
Maximum injection pressure of 740 psi*

4. The source of injection fluids will be from the existing six EMSU San Andres water supply wells, produced water from the existing Eunice Monument South Unit Penrose/Grayburg/San Andres producers and produced water from the proposed Eunice Monument South Unit Expansion Area B Penrose/Grayburg/San Andres producers.
5. The make-up water from the San Andres formation to be used as injection fluid is compatible with the produced water from the Unit wells (see attached water analysis).

* Until a fracture gradient is determined, maximum injection pressure will be based on a .2 psi/foot gradient.

RESULT OF WATER ANALYSES

TO: Mr. Elvin Allen
P. O. Box 670, Lea St. Office, Hobbs, NM

LABORATORY NO. 690274
SAMPLE RECEIVED 6-29-90
RESULTS REPORTED 7-5-90

COMPANY Chevron U.S.A., Inc. LEASE Eunice Monument West Unit
FIELD OR POOL Eunice-Monument
SECTION BLOCK SURVEY T-21 S&R-36E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from EMSU water supply well #459. 6-29-90
NO. 2 Raw water - taken from EMSU water supply well #460. 6-29-90
NO. 3 Raw water - taken from EMSU water supply well #461. 6-29-90
NO. 4 Filtered water - taken @ EMSU water station. 6-29-90

REMARKS: 1. Section 5 2. Section 8 3. Section 9 4. Section 4

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0169	1.0186	1.0185	1.0174
pH When Sampled				
pH When Received	6.79	6.67	6.64	6.85
Bicarbonate as HCO ₃	720	738	702	933
Supersaturation as CaCO ₃	55	25	20	30
Undersaturation as CaCO ₃	--	--	--	--
Total Hardness as CaCO ₃	4,000	4,350	4,475	4,100
Calcium as Ca	1,090	1,140	1,210	1,110
Magnesium as Mg	310	365	352	328
Sodium and/or Potassium	5,250	6,959	6,452	6,083
Sulfate as SO ₄	2,987	2,933	2,987	2,827
Chloride as Cl	8,309	11,221	10,511	9,659
Iron as Fe	1.3	1.6	1.8	0.12
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	18,665	23,356	22,214	20,930
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	186	212	133	186
Resistivity, ohms/m at 77° F.	0.465	0.350	0.375	0.415
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The objective herein is to evaluate compatibility between the supply and produced waters represented for both the purpose of mixing for injection and also injecting into the Grayburg/San Andres interval. A careful study of all these waters has revealed no evidence of any incompatibility between any combination of these waters. We see no evidence reflected in the results that would be expected to cause any scaling potential from either calcium carbonate or calcium sulfate, no evidence of any precipitation that would occur, and no other implication of any deterioration of water quality that might result from the

Continued on Page 2

RESULT OF WATER ANALYSES

TO: Mr. Elvin Allen
P. O. Box 670, Lea St. Office, Hobbs, NM

LABORATORY NO. 690274 (Page 2)
SAMPLE RECEIVED 6-29-90
RESULTS REPORTED 7-5-90

COMPANY Chevron U.S.A., Inc. LEASE Eunice Monument West Unit
FIELD OR POOL Eunice-Monument
SECTION BLOCK SURVEY T-20 S&R-36E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Produced water - taken from Conoco's Sanderson "A" #16. 6-29-90
NO. 2 Produced water - taken from Conoco's Sanderson "A" #13. 6-29-90
NO. 3 Produced water - taken from ARCO's W. P. Byrd #4. 6-29-90
NO. 4 Grayburg/San Andres - 1 & 3 - Section 11; 2 - Section 14

REMARKS: Grayburg/San Andres - 1 & 3 - Section 11; 2 - Section 14

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0197	1.0216	1.0229	
pH When Sampled				
pH When Received	6.83	6.94	6.97	
Bicarbonate as HCO ₃	1,232	1,379	1,769	
Supersaturation as CaCO ₃	50	140	50	
Undersaturation as CaCO ₃	--	--	--	
Total Hardness as CaCO ₃	4,875	5,125	5,425	
Calcium as Ca	890	900	930	
Magnesium as Mg	644	699	753	
Sodium and/or Potassium	6,933	8,128	8,925	
Sulfate as SO ₄	1,840	1,333	813	
Chloride as Cl	12,073	14,381	15,979	
Iron as Fe	0.72	0.88	49.6	
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	23,613	26,820	29,170	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	238	265	318	
Resistivity, ohms/m at 77° F.	0.330	0.292	0.268	
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks mixing of the waters. Also, we are showing no evidence herein that would indicate there would likely be any scaling of any source from the individual waters. It should be clarified that we do show a slight amount of iron sulfide in all the waters with a substantial excess in the produced water from Byrd #4, but these were all present in small "chips" which we interpret to mean that they likely originate from corrosion products at the sample valve and/or location. It is apparent, however, that all the waters and any combination therefrom would be expected to be severely corrosive. We do consider it critical that all of these waters or any combination therefrom be kept as free of air contamination as possible to

Form No. 3 avoid severe aggravation of the already serious corrosiveness and also prevent precipitation of elemental sulfur.

By Waylan C. Martin

Waylan C. Martin, M.A.

VIII. Geologic
Data-Injection
Zone

GEOLOGICAL DATA
INJECTION ZONES
IN THE
PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B

Queen - Approx. depth 3600' - 3900'^{*}, approx. 350 gross feet.

The Queen Formation overlies the Grayburg and is composed of alternating layers of hard dolomite and sand lenses. Porous sands are the producing intervals in the Queen, and are present over the entire unit area. These sands produce oil or gas, depending on their structural position.

Grayburg - Approx. depth 3600' - 4100'^{*}, approx. 400 gross feet.

The Grayburg is a massive dolomite interbedded with thin stringers of low permeability sandstone. The majority of oil production comes from intercrystalline porosity in the dolomite.

The range in depths to the top of the Grayburg is due to steep homoclinal dip to the southwest throughout the expansion area. Along the western and southern flanks the Grayburg top is found at depths of between 3800 - 4100 feet. Along the eastern flank of the proposed area, the Grayburg is at depths of approximately 3600 to 3800 feet.

San Andres - Approx. depth 3700' - 4300'^{*}, approx. 1270 gross feet.

The San Andres is a massive dolomite with intercrystalline porosity, which lies directly below the Grayburg. The contact between the Grayburg and the San Andres is gradational and there is no clear marker for the top of the San Andres which can be traced across the field. The San Andres contributes very little oil production to the field and will serve primarily as a source of injection water. The base of the San Andres (the top of the Glorieta) will be the base of the unitized interval.

There are no known faults cutting through the San Andres and Grayburg which would act as a conduit for gas, oil, or injection water to seep into fresh water horizons above the injection zones in the Grayburg and San Andres.

* Depth depends upon structural position of the well.

GEOLOGIC DATA
FRESH WATER AQUIFERS
IN THE AREA OF THE
PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B
LEA COUNTY, NEW MEXICO

The proposed Eunice Monument South Unit Expansion Area B is located approximately 5 miles southwest of Monument, and is immediately north of Eunice Monument South Unit.

Fresh water zones within the proposed expansion area boundaries are the Quaternary alluvium, Pliocene Ogallala, and the Triassic Chinle and Santa Rosa formations.

The Quaternary aquifers are in recent sediments and are very localized in extent. They are made up of dune sands and sands filling channels or depressions in the underlying Ogallala. The sands are unconsolidated to semiconsolidated, fine- to medium-grained sands. They are found from the surface to depths of approximately 100 feet.

The Pliocene Ogallala aquifer underlies the Quaternary alluvium and is present across the entire area, but is not a major water source. The Ogallala is a calcareous, unconsolidated sand containing some silt, clay, and gravel. The Ogallala is found at approximately 60-125 feet.

The Triassic Chinle and Santa Rosa aquifers are the principal, fresh water bearing zones in this area. They are both fine- to medium-grained sandstones interbedded with red clays and siltstones. Within the proposed expansion area, the Chinle is at a depth of approximately 50 feet. At the south end, the Santa Rosa is at depths of around 650 feet and at the north end is found at 640 feet.

Below the Santa Rosa are un-differentiated Permian and Triassic red beds. These "red beds" consist of red shales and red silty sandstones, and are not known to produce fresh water.

At the base of the Santa Rosa and the un-differentiated Permian and Triassic "red beds" is the Permian Rustler. At the top of the Rustler is an impermeable anhydrite bed, approximately 60-70 feet thick which provides an excellent barrier against contamination from brine waters in the underlying oil-producing formations. The Rustler anhydrite is at a depth of approximately 1025 feet. There are no known fresh water horizons below the Rustler anhydrite.

For the protection of all fresh water zones within the unit boundary, cement will be circulated to surface around casing on all new injection wells.

Reference - Ground Water Report 6, NMBM&G, 1961

STL/afh 06270/01

IX. Proposed
Stimulation
Program

Ref: Item IX of C108

PROPOSED STIMULATION PROGRAM
FOR
TYPICAL INJECTION WELL
EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B
LEA COUNTY, NEW MEXICO

It is proposed to selectively perforate (cased hole) the interval from approximately -100' to -350' subsea and then open this interval by acidizing with approximately 3,000 gallons of 15% HCL Acid.

Open hole completions will be cleaned out to T.D., deepened if necessary to approximately -350' subsea and acidized with approximately 3,000-5,000 gallons of 15% HCL Acid.

X. Wells w/no
Well Logs

EUNICE MONUMENT SOUTH
EXPANSION AREA B
PROPOSED WATER INJECTION WELLS WITH NO AVAILABLE
WELL LOGS

<u>OPERATOR</u>	<u>CURRENT LEASE NAME</u>	<u>WELL #</u>	<u>PROPOSED WELL NAME</u>	<u>WELL #</u>
Conoco Inc.	Sanderson "A"	1	Eunice Monument South Expansion	858
Conoco Inc.	Sanderson "A"	4	Eunice Monument South Expansion	866
Conoco Inc.	Sanderson "A"	11	Eunice Monument South Expansion	872
Conoco Inc.	Reed "B"	1	Eunice Monument South Expansion	899
Conoco Inc.	Reed "B"	5	Eunice Monument South Expansion	914
Amoco Prod. Co.	Gillully "A"	14	Eunice Monument South Expansion	907
Conoco Inc.	U. M. Sanderson B-14	2	Eunice Monument South Expansion	885
Conoco Inc.	U. M. Sanderson B-14	4	Eunice Monument South Expansion	875
Shell	State "E"	4	Eunice Monument South Expansion	879
Arco	W. P. Byrd	3	Eunice Monument South Expansion	860

XI. Fresh Water
Analyzes

P O BOX 1468
MONAHANS TEXAS 79756
PH 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. Elvin Allen
P. O. Box 670, Hobbs, NM

LABORATORY NO. 690276
SAMPLE RECEIVED 6-29-90
RESULTS REPORTED 7-5-90

COMPANY Chevron U.S.A., Inc. LEASE Eunice-Monument West Unit
FIELD OR POOL Eunice-Monument
SECTION 26 BLOCK _____ SURVEY T-20 S&R-36E COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN: _____

NO. 1 Raw water - taken from Tuffy Cooper House Water Well. 6-28-90

NO. 2

NO. 3

NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0023			
pH When Sampled				
pH When Received	7.84			
Bicarbonate as HCO ₃	476			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	47			
Calcium as Ca	12			
Magnesium as Mg	4			
Sodium and/or Potassium	440			
Sulfate as SO ₄	347			
Chloride as Cl	179			
Iron as Fe	3.7			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	1,457			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	5.54			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	0.1			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

XII. Affirmative
Statement

Ref: Item XII of C108

PROPOSED EUNICE MONUMENT SOUTH UNIT EXPANSION AREA B
LEA COUNTY, NEW MEXICO

Chevron U.S.A., Inc. has examined available geological and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIV. Proof of
Notice

Proof of Notice

NMOCD Form C108

Eunice Monument South Unit Expansion Area B

The following address lists (State and Federal Agencies, Surface Land Owners, Offset Operators and Working Interest Owners) represent parties who have been notified of this application for authorization to inject. As return receipts are received, copies will be presented as proof of notification.

EMSU EXPANSION AREA B - STATE & FEDERAL AGENCIES - 4704/07060/02

United States Dept. of Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, NM 88201

ATTN: Mr. Armando Lopez

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504

ATTN: Mr. Floyd Prondo

State of New Mexico
Department of Energy & Minerals
Oil Conservation Division
District 1
P. O. Box 1980
Hobbs, NM 88240

ATTN: Mr. Jerry Sexton

Edward H. Klein Estate
P. O. Box 1502
Hobbs, New Mexico 88240

Delbert Dale & Jimmy T. Cooper
Box 421
Monument, NM 88265

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504

ATTN: Mr. Floyd Prondo

United States Dept. of Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, NM 88201

ATTN: Mr. Armando Lopez

Durham, Inc.
P. O. Drawer 273
Midland, TX 79702

Texaco Producing, Inc.
P. O. Box 46555
Denver, CO. 80201-6555

Elliot Oil Co.
P. O. Box 1355
Roswell, NM 88202

Two States Oil Company
Suite 960
Thanksgiving Tower
Dallas, TX 75201

Greenhill Petroleum
16010 Barker's Point Lane
Suite 325
Houston, TX 77079

Warrior Inc.
c/o Unique Engineering
P. O. Box 5970
Hobbs, NM 88240

Meridian Oil Co.
21 Desta Drive
Midland, TX 79705

Mobil Expl. & Prod. U.S. Inc.
12450 Greenspoint Drive
Houston, TX 77060-1991

Penroc Oil
P. O. Box 5970
Hobbs, NM 88241

Phillips Petroleum Co.
P. O. Box 1967
Houston, TX 77001

Amerada Hess Corporation
P. O. Box 2040
Tulsa, OK 74102

ATTN: Mr. J. C. Hefley

Amoco Production Company
P. O. Box 3092
Houston, TX 77253

ATTN: Mr. J. C. Allen

Arco Oil and Gas Company
P. O. Box 1610
Midland, TX 79702

ATTN: Mr. D. C. Dodd
Mr. J. A. Nicholson

Chevron U.S.A., Inc.
P. O. Box 670
Hobbs, NM 88240

ATTN: Mr. J. C. Prindle

Conoco, Inc.
10 Desta Drive West
Midland, TX 79705

ATTN: Joint Interest Operations

Shell Western E&P, Inc.
P. O. Box 576
Houston, TX 77001

Attn: Mr. J. H. Smitherman