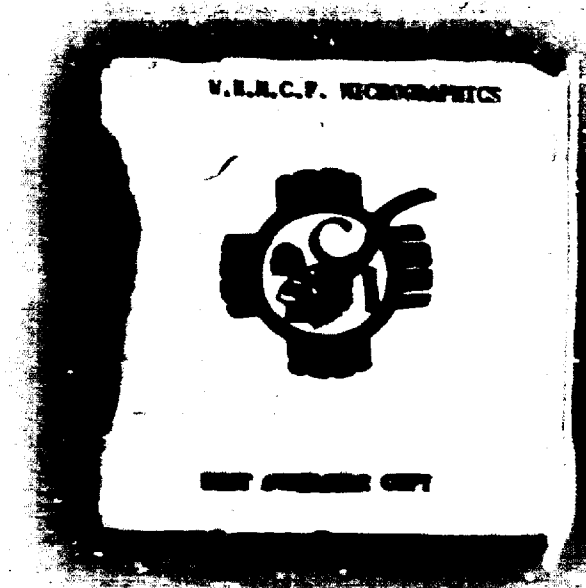


Case No
3420

Large Exhibits



Yates Pet. Corp.
#1 Marathon State A.M.
Sec 16, T-18-S, R-26-E
Eddy County, New Mexico

Standard Oil Co. of Texas
#1 Paul Perry Unit
Sec 15, T-18-S, R-26-E
Eddy County, New Mexico

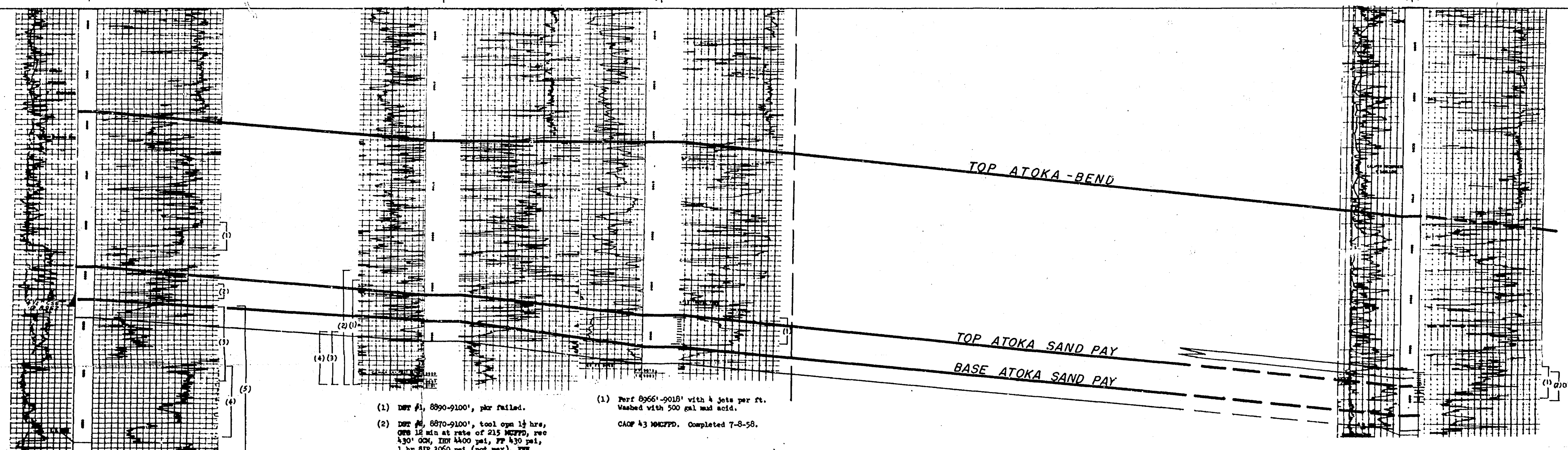
Standard Oil Co. of Texas
#1 C. R. Martin
Sec 15, T-18-S, R-26-E
Eddy County, New Mexico

PROPOSED
LOCATION

Mobil Oil Co.
#1 Brainerd Unit
Sec 14, T-18-S, R-26-E
Eddy County, New Mexico

A -5000'

-5000' A'

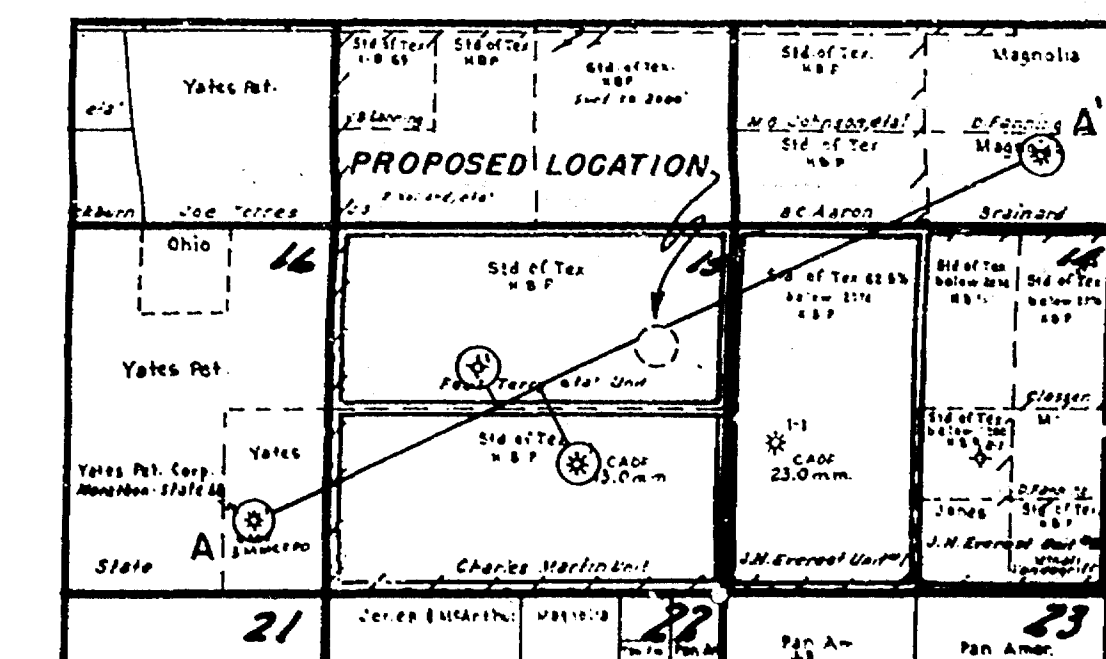


- (1) DWT #6, 8795-8850', tool open 2 hrs, rec 35' at 50 gpm mud, PP 0-0 psi, 90 min at 212 psi.
- (2) DWT #7, 8913-8945', tool open 6 hrs, rec 30' OCM, PP 0-0 psi.
- (3) DWT #8, 8961-9112', tool open 55 min, OCM 3 min at estimated rate of 6.0 GPM, rec 30' at 1, 880' OCM, PP 1088-1137 psi, 45 min at 212 psi.
- (4) DWT #9, 9095-9098', tool open 1 hr, rec 40' mud, PP 13-13 psi, 1 hr at 136 psi.
- (5) Completed 7-6 natural from open hole (DWT) to 930' OCM 3 MCAPP plus 11.5 lb acid.

- (1) DWT #1, 8890-9100', plug failed.
- (2) DWT #2, 8870-9100', tool open 1 1/2 hrs, OCM 15 min at rate of 215 MCAPP, rec 130' OCM, rec 1400 psi, PP 430 psi, 1 hr at 212 psi (not mud), PP 4130 psi.
- (3) DWT #3, 8991-9100', tool open 1 1/2 hrs, OCM 7 min at rate of 260 MCAPP, rec 231' OCM, rec 1435 psi, PP 95-70 psi, 1 hr at 212 psi (not mud), PP 1310 psi.
- (4) Attempted to treat open hole 8995-9100' with 500 gal mud acid - tool plugged. Attempted to free open hole 8995-9100' with 3000 gals oil and 3000 lb acid - pressure ruptured.
- 10-30-58.

- (1) Perf 8965'-9018' with 4 jets per ft. Washed with 500 gal mud acid.
- CAOP #3 MCAPP. Completed 7-8-58.

- (1) DWT #1, 9037'-9071'. Tool open 1 hr with medium blow throughout test, rec 60' drilling mud. DWT 4310 psi, PP 50-50 psi, 2 hr at 212 psi, PP 4490 psi.
- (2) Perf 9045'-91, 9080'-91, 9090'-9100'; soda perf 9045'-9100'; mud 91' in 24 hrs.
- (3) Prod perf 9045'-9100' with 10,000 gal gel BM, 15,000 lb acid, 250 lb valium balls and 500 gal 15% H₂SO₄. Flowed 27 BW in 79 hrs, gas volume 680 MCVP.
- (4) Prod perf 9045'-9100' with 1000 gal 15% H₂SO₄ acid & 15,000 gal gel BM, 12,000 lb acid & 1400 lb valium balls. F 893 MCAPP / A while sand per day, PP 13 psi, OCM 175 psi, (1 pilot test) completed 4-10-63.



REVISIONS		STANDARD OIL CO. OF TEXAS	
DATE	NAME	PRODUCTION DEPARTMENT	
		ATOKA (PENN) FIELD	
		EDDY COUNTY NEW MEXICO	
		SW-NE CROSS SECTION	
		A-A'	
		DRAWN	SCALE
		J.R. BUSLEY	HOR. 1"=500'
		E.E. BROWN	VER. 1"=100'

Chs 342
EX 4

