

DYCO PETROLEUM CORPORATION  
DAILY DRILLING REPORT  
SUMMARY

Sawyer Prospect 1976-01  
Federal-6 #1  
2310' FSL & 2310' FWL  
Section 6-10S-38E  
Lea County, New Mexico  
Elevation: 3939.5' GL  
5000' San Andres Test

07/14/76	FIRST REPORT. Building location.
07/15-07/21/76	Building location.
07/22/76	WOR, Should MI 07/23/76. Verna Drilling Company.
07/23/76	Will MIRT 07/24/76.
07/24/76	MIRT.
07/25/76	MIRT.
07/26/76	441' drilling, ran 8 5/8" casing. Total 431' set @ 441' KB. WOC. Cemented w/300 sx cmt. w/2% CaCl. 1/2" @ 441'. PD @ 12:08 a.m. 07/26/76. Spud @ 4:30 p.m. 07/25/76. 12 1/4" hole.
07/27/76	Nipple up 10" series 900 double ram BOP & test casing & BOP to 1000# for 30". Drill out from under surface 12:00 7/26/76 this 2272' trip shale & anhydrite, 7 7/8" hole, 1900'-1/2". Native mud.
07/28/76	3354' drilling anhydrite, 7 7/8" hole, 3/4" @ 3044'. MW 10.0, Vis 34.
07/29/76	4180' drilling limestone & anhydrite, 7 7/8" hole, 3/4" @ 3830'. MW 10.0, Vis 33.
07/30/76	4440' drilling lime, 4318'-1". MW 10.1, Vis 32.
07/31/76	4674' drilling lime, 7 7/8" hole, 3/4" @ 4645'. MW 10.2, Vis 32.
08/01/76	4848' drilling lime. 7 7/8" hole, Trip @ 4818'. MW 10.4 Vis 34.
08/02/76	4985' DTD, COH to run 5 1/2" casing. Top San Andres @ 4982'. Drilling break 5" to 2". Circ 1 1/2 hrs, short trip 10 stds. Back to bottom. COH, LDDP. MW 10.3, Vis 34. 5% oil. Pump 5 sx paper @ T.D.
08/03/76	4985' DTD. Ran 131 jts. 5 1/2" 14# J-55 casing. Conventional shoe set @ 4984' w/top of insert float @ 4962'. 10 cent. (Shoe welded inside & out). Howco cemented w/ 150 sks Class "C", 9.5# NaCl, pumped plug w/2% KCL. PD @ 4:50 p.m. 08/02/76.
08/04/76	WOCU.
08/05/76	MIRU completion unit. Reverse circulate.
08/06/76	11:30 a.m. went in casing w/4 3/4 rock bit, 3-3" collars 156 jts 2 3/8" EUE tbg. Found insert float 4962' measurement check w/casing job. Drilled 22' of rubber plug insert float, cement & shoe to 4984' @ 1 to 2"/ft. Circulated hole clean, drilled 3 more ft. being 1' of rat hole w/cuttings and 2' of new formation. Good odor. Present depth 4987'. SIGN

RECEIVED

AUG 17 1976

CAL CONSERVATION COMMISSION  
LOS ANGELES, CALIF.