

Santa Fe, New Mexico

Feb 10 2 31 '64

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

T.P.C. 40. - STATE

(Company or Operator)

(1999)

VACCIN-ABO

VACCIN-ABO.....Pool, Lea.....County.

Well is 1650 feet from South line and 330 feet from East line

of Section 24 If State Land the Oil and Gas Lease No. is D-7567

Drilling Commenced October 31 1963 Drilling was Completed December 10 1963

Name of Drilling Contractor..... **Forster Drilling Company**

Address..... P.O. Box 32, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3898'

..... 19.....

No. 1. from 8611' to 8900 (O/WI) No. 4. from _____ to _____

No. 2. from..... to.....

No. 3. from..... to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **6351** to **6580** feet. Paddock Pay (\$ Sul Wtr

No. 2, from to feet on DST)

No. 3, from to feet.

No. 4, from to feet

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	503*	Texas-Pattern			Surface String
8-5/8"	240 432#	New	3275*	Texas-Pattern			Intermediate Str.
5-1/2"	15.50 417#	New	8977*	Guide Shoe		See below	Production Str.

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	303'	250	Halliburton		
11"	8-5/8"	3275'	200	Halliburton		
7-7/8"	5-1/2"	8977'	700	Halliburton		

Ran GR-Acoustic, Entorolog, Microentorolog, Caliper Logs.
 Followed cmt for production str. w/250 gals. NSA (Halliburton). Perforated
 2 shots p/ft @ 8630, 8652, 8657, 8672, 8688, 8722, 8735, 8775, 8832, 8836, 8855, 8862,
 8883, 8890, 8906, 8920, 8926. Acidized w/2535 gals NCA (Halliburton) & perfs
 8832-8926 w/7000 gals CKA (Halliburton) and 300 lbs mothballs in 150 gals.
 TLC gel. Acidized perfs 8630-8775 w/5000 gals CKA & 200#mothballs in 100gals
 TLC gel.

Result of Production Stimulation.....

.....
Insert valve

..Depth Cleaned Out..

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to Total Depth feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 21, 19 64
OIL WELL: The production during the first 24 hours was 99 barrels of liquid of which 85 % was oil; 15 % was emulsion; % water; and % was sediment. A.P.I. Gravity 39.9°
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Gamma-Ray Log		Southeastern New Mexico	Northwestern New Mexico
T. Anhy	1778- (+2127)	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt	3030 (+875)	T. Montoya	T. Farmington
T. Yates	3227 (+678)	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3937 (-32)	T. McKee	T. Menefee
T. Queen	4218 (-313)	T. Ellenburger	T. Point Lookout
T. Grayburg	4598 (-693)	T. Gr. Wash.	T. Mancos
T. San Andres	6243 (-2338)	T. Granite	T. Dakota
T. Glorieta		T. Tansill 2934 (+971)	T. Morrison
T. Drinkard		T. 1830 (Paddock Pay Zone)	T. Penn.
T. Tubbs		T. 6351 (-2446)	
T. Abo	8717 (-4812)	T. Abo Reef Detritus ?	
T. Penn.		T. 8611 (-4706)	
T. Miss.		T. D. 8980' (-5075) Gamma-Ray	
			8954' Drilr.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1778	1778	Red beds				
1778	2934	1156	Salt & Anhydrite				
2934	3030	96	Anhydrite				
3030	3130	100	Sand & Anhydrite				
3130	3227	97	Anhydrite				
3227	3937	710	Anhydrite & dolo w/sand stringers				
3937	4218	281	Sand, dolo & anhy.				
4218	4598	380	Dolo & Anhy w/ sand stringers				
4598	6243	1645	Dolo w/ stringers of anhy.				
6243	6351	108	Sand & dolo				
6351	8611	2260	Light gray dolo w/ a few scattered sand stringers & chert				
8611	8717	106	Dk brn dolo w/ stringers of gray-white "reef-type" dolo				
8717	8980	263	Gray-white "reef-type" dolo (Abo-Reef)				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

January 29, 1964

Featherstone Development Corp. 236 Petroleum Bldg. Roswell, N. Mex.
Company or Operator Address
Name Rex Alcorn Ray Alcorn Position Title Geologist