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NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE O.C.C.
Santa Fe, New Mexico

APR 16 10 49 AM '64

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Featherstone Development Corporation

SUN-STATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

(Company or Operator) (Lease)

Well No. 1, in SW 1/4 of Sec. 19, T. 17 South, R. 36 East, NMPM.
Vacuum-Abe Pool, Lea County.
Well is 1980 feet from North line and 660 feet from West line
of Section 19. If State Land the Oil and Gas Lease No. is 8-2287
Drilling Commenced March 16, 1964 Drilling was Completed April 7, 1964
Name of Drilling Contractor Cactus Drilling Company
Address Box 1826, Hobbs, New Mexico
Elevation above sea level at Top of Tubing Head 3898' The information given is to be kept confidential until Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 8740 to 8882 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

Tested Oil Pay Only

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	487	New	355'	Texas Pat.			Surface String
8-5/8"	24.1/6327	New	3292'	Guide Shoe			Intern. String
5-1/2"	15.5/6178	New	8882'	Guide Shoe		See Below	Production Str.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	355'	250	Halliburton		
11"	8-5/8"	3292'	200	Halliburton		
7-7/8"	5-1/2"	8882'	750	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Ran Sanna Ray-Acoustic & Laterolog. Followed emt for production string with 250 gals NSA (Halliburton). Perforated 1 jt shot, .6" diameter @ 8743, 8748, 8757, 8764, 8777, 8782, 8787, 8790, 8797, 8798, 8800, 8804, 8811, 8813, 8822, & 8826 (16 Holes) over gross interval of 83 feet. Devell acidized all pfts w/1000 gals BDA (15% HCL) with 15 lbs FLA X2 additive

Result of Production Stimulation
Well kicked-off and flowed after swabbing approximately 3-1/2 hrs.
Insert Valve @
Depth Cleaned Out 8834' fr GL using
G-R measurement

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 6882 feet to feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 11 64, 19

OIL WELL: The production during the first 24 hours was 360 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 40.2

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):

Fr. G-R Log

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1784 (+2123)
T. Salt 3014 (+893)
B. Salt 3210 (+697)
T. Yates 3923 (-16)
T. 7 Rivers 4190 (-283)
T. Queen 4555 (-648)
T. Grayburg 6193 (-2288)
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs 8635 (-4728)
T. Abo
T. Penn
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T. Tansill 2931 (+976)
T. Yesso (Paddock) 6302 (-2395)
T. Main body Abo-Reef 8740
T. (-4835)
T. TD 8882 (G-R) (-4975)
T. TD Driller 8875 (-4968)
T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1784	1784	Red Beds				
1784	2900	1116	Salt & Anhydrite				
2900	3014	114	Anhydrite				
3014	3124	110	Sand and anhydrite				
3124	3210	86	Anhydrite				
3210	3923	713	Anhydrite & dolo, w/sand stringers				
3923	4190	267	Sand, Dolomite & anhydrite				
4190	4555	365	Dolo & anhy w/sand stringers				
4555	6193	1638	Dolo v/anhydrite stringers				
6193	6302	109	Sand and dolomite				
6302	8635	2333	Gray dolo v/scattered sand stringers, & chert				
8635	8740	105	Brown dolomite v/stringers of gray-white "reef-type" dolo., traces of chert				
8740	8882	142	Gray-White dolomite (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.

April 14, 1964

FEATHERSTONE DEVELOPMENT CORP. 236 Petroleum Building, Roswell, NM
Company or Operator Address
Name Rex Alcorn Position or Title Geologist