

**Santa Fe, New Mexico**

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Western Ventures, Inc.**  
(Company or Operator)

Humble State #A19  
(Lear)

Well No. 1, in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$ , of Sec. 20, T. 13S, R. 25E, NMPM.

Artenia Pool, Eddy County.

Well is 660 feet from north line and 660 feet from east line.

of Section 20 If State Land the Oil and Gas Lease No. is A-11540

Drilling Commenced September 1, 1956 Drilling was Completed October 9, 1956

Name of Drilling Contractor.....**Howell Drilling Co.**.....

Address.....**Artesia, New Mexico**.....

Elevation above sea level at Top of Tubing Head.....3603 DF..... The information given is to be kept confidential until  
\*\*\*\*\* 19.....

No. 1, from 2033 to 2040 a/o L. G. No. 4, from 2453 to 2460 a/o

No. 2, from 2105 to 2116 stn & odor No. 5, from.....to.....

No. 3, from 2141 to 2151 a/o & g No. 6, from.....to.....

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

No. 1. from 245 to 250 feet. fresh wtr. - 2 blrs. br.

No. 2. from 470 to 475 feet. " " 1 " "

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
10 3/4	32.75	new	300'	Texas	300	--	surface
5 5/8	28	used	645'	Texas		--	wtr. protection
5 1/2	14	new	2558'	Float			production

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	10 3/4	300	pulled			
10	8 5/8	645	100	pump & plug	--	--
8	5 1/2	2538	130	" "	--	--

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

Perf. 56 jet shots 2306'-20' w/10,000 gals.  $\neq$  15,000# sand, perf. 48 jet shots 2208'-2220' w/10,000 gals.  $\neq$  15,000# sand, perf. 40 jet shots 2144'-54' w/10,000 gals.  $\neq$  15,000# sand, perf. 56 jet shots 2030'-44' w/10,000 gals.  $\neq$  10,000# sand. Ran Halliburton gamma ray-neutron to 2554'.

**Result of Production Stimulation.....**

**Depth Cleaned Out.....**

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

Rotary tools were used from 0 feet to 2571 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from 0 feet to 2571 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Put to Producing 1-1- 19 57

OIL WELL: The production during the first 24 hours was.....18.....barrels of liquid of which.....67.....% was  
was oil; .....% was emulsion; .....33.....% water; and.....% was sediment. A.P.I.  
Gravity.....35°.....

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):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. ....	
T. Tubbs.....	T. ....	T. ....	
T. Abo.....	T. ....	T. ....	
T. Penn.....	T. ....	T. ....	
T. Miss.....	T. ....	T. ....	

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10	10	caliche	1805	1845	40	gr. sdy. lime
10	20	10	sand	1845	1880	35	anhy.
20	100	80	sand & shale	1880	1892	12	gr. sdy. lime
100	175	75	sand	1892	1990	98	gr. lime
175	200	25	red shale	1990	2047	57	sdv. lime
200	245	45	shale	2047	2069	22	gr. lime
245	280	35	broken anhy.	2069	2116	47	lime
280	300	20	anhy.	2116	2141	25	sdv. gr. lime
300	350	50	anhy. & red bed	2141	2151	10	sand s/o & g
350	440	90	red bed	2151	2159	8	lime
440	480	40	red bed & anhy.	2159	2180	21	sdv. lime
480	505	25	anhy.	2180	2203	23	lime
505	525	20	broken anhy.	2203	2229	26	sdv. lime
525	675	150	anhy.	2229	2250	21	lime
675	720	45	broken anhy.	2250	2296	46	sdv. lime
720	728	8	anhy.	2296	2316	20	gr. lime & sand
728	737	9	sand & anhy.	2316	2334	18	white lime
737	1015	278	broken anhy.	2334	2453	119	lime
1015	1300	285	anhy.	2453	2473	20	sand & lime
1300	1510	210	broken anhy.	2473	2571	98	lime
1510	1580	70	anhy.	2571			T. D.
1580	1600	20	sand				
1600	1615	15	red sand				
1615	1765	150	anhy.				
1765	1805	40	anhy. & sand				

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 2, 1957

Company or Operator Western Ventures, Inc.

Address.....303 Booker Building, Artesia

Name L. G. Thompson

Position or Title.....	Dist.	Supt.
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