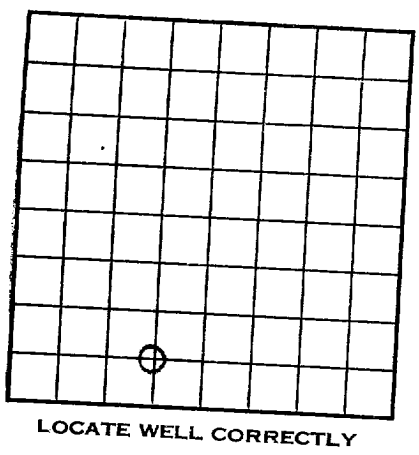
Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. Land Office Las Cruces
Serial Number 060398
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western Ventures, Inc. Address P.O. Box 445, Artesia, N.M.
Lessor or Tract Spencer-Federal Field Wildcat State New Mexico
Well No. 1 Sec. 4 T. 16 R. 30 Meridian NMPM County Eddy
Location 660 {N.} of S Line and 1980 {E.} of W Line of Sec. 4 Elevation 3837 DF (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [illegible]

Date February 4, 1957 Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling Dec. 5, 1956 Finished drilling Jan. 22, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2805' to 2820' No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 390 to 400 No. 3, from 2090 to 2100
No. 2, from 1/2 bailer per hour to No. 4, from hole full water to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10 3/4	32.75	8 rd	J-55	522'	Texas	--			Surface
8 5/8	24#	8 rd	J-55	2083'	"	2163'			Water S.O.
5 1/2	14#	8 rd	J-55	2805'	"	--			Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	522'	125	Denton	--	none
5 1/2	2805'	350	"	--	"

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Sand-oil frac.	////////			

Injected 250 gal. mud acid & fraced w/33,500 gals. oil + 50,000 # sd., thru 5 1/2" csg. Open hole interval 2805' to 2820'

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 2244 feet, and from feet to feet

DATES

February 4, 1957

Put to producing February 1, 1957

The production for the first 24 hours was 204 barrels of fluid of which 100 % was oil; 0 % emulsion; % water; and % sediment. Base on 68 BO-6 hrs.

If gas well, cu. ft. per 24 hours 0 Gravity, °Bé. 30.5 corrected

Gallons gasoline per 1,000 cu. ft. of gas 2/10

Rock pressure, lbs. per sq. in.

EMPLOYEES

H. O. Newman, Driller Bean Parrish, Driller
Murray Willis, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	caliche
10	90	80	red shale
90	100	10	gravel
105	200	95	red shale
200	220	20	sdy. shale
220	295	75	red shale
295	330	35	anhy.
330	380	50	red shale
380	415	35	anhy.
415	775	360	salt
775	830	55	salt & anhy
830	970	140	salt
970	985	15	anhy
985	1125	140	salt
1125	1130	5	shale
1130	1190	60	anhy
1190	1225	35	salt & anhy
1225	1305	80	anhy
1305	1355	50	shale & shells
1355	1405	50	red bed & shells
1405	1450	45	anhy & shale
1450	2090	640	anhy
2090	2095	5	sand
2095	2100	5	red sand
2100	2128	28	sand

(OVER)

FORMATION RECORD—Continued

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2128	2145	17	anhy
2145	2150	5	blue shale
2150	2176	26	anhy
2176	2181	5	shale & anhy
2181	2200	19	anhy
2200	2215	15	salt & anhy
2215	2309	94	anhy
2309	2335	26	lime
2335	2365	30	anhy & salt
2365	2405	40	sdy. shale & shells
2405	2585	180	anhy
2585	2620	35	lime
2620	2638	18	anhy
2638	2680	42	lime
2680	2750	70	anhy
2750	2769	19	lime
2769	2811	42	anhy
2811	2815	4	sand
2815	T.D.		lime

FORMATION TOPS:

T.X 415
B.X.1130
T.Y 1305
T.Q 2086
T.SA 2820

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HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.