Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. Land Office Las Cruces
Serial Number 028978
Lease or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leo. R. Manning et al Address Box 81, Carlsbad, N. M.
Lessor or Tract Mc Clay Permit Field Loco Hills State New Mexico
Well No. 1 Sec. 21 T. 18S R. 30E Meridian NMPM County Eddy
Location 330 ft. {N. / S.} of N Line and 1650 ft. {E. / W.} of E Line of Section 21 Elevation 2463 (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

Date December 28, 1939 Title

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

Commenced drilling October 19, 19 39 Finished drilling December 19, 19 39

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2568 to 2617 (show) No. 4, from to
No. 2, from 3004 to 3012 No. 5, from to
No. 3, from 3113 to 3133 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 60 to 100 No. 3, from to
No. 2, from 345 to 375 No. 4, from 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
8 1/4"	27#	10		534 ft	Texas type				shut off surface water
7"	20#	8		2993	Baker Float				Production string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/4"	534	50	Halliburton		
7"	2993	100	"	Mudded to	surface

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
5 1/2"	20'	Nitro Glycerin	80 qts.	12/20/39	3113-3133	3020
5 1/2"	8'	" "	20 qts.	12/21/39	3004-3012	3068

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3133 TD feet, and from feet to feet

DATES

December 27, 19 39 Put to producing , 19

The production for the first 24 hours was 60 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 38 known

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas not known

Rock pressure, lbs. per sq. in. not known

EMPLOYEES

W. D. Walker, Driller Doc Coleman, Driller
C. C. Hinson, Driller Dan Watson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche
30	60	30	Red beds
60	100	40	Red beds (½ bailer water)
100	130	30	Red sand
130	345	215	Red beds
345	375	30	Water sand
375	380	5	Caving red sand
380	410	30	Red sandy shale
410	490	80	Red beds
490	525	35	Anhydrite
525	535	10	Red beds
535	585	50	Salt with anhydrite shells
585	680	95	Anhydrite and salt
680	740	60	Salt
740	770	30	Anhydrite and salt
770	780	10	Salt
780	830	50	Anhydrite and salt
830	900	70	Salt
900	915	15	Polyhalite
915	125	10	Salt
925	960	35	Anhydrite and Salt
960	1005	45	Salt and polyhalite
1005	1125	120	Salt
1125	1140	15	Anhydrite
1140	1285	145	Salt
1285	1315	30	Anhydrite

(OVER)

16—43094-2

FOLD | MARK