Form 9-330

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

U. S. Land Office Las Cruces
Serial Number 057459
Lease or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Resler Oil Company Address Carper Building, Artesia, N.M.
Lessor or Tract Leonard B Field Grayburg-Jackson State New Mexico
Well No. 2 Sec. 33 T. 17S R. 29E Meridian N.M.P.M. County Eddy
Location 1650 ft. {N.} of N Line and 330 ft. {E.} of E Line of Section 33 Elevation (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 x Hugh W. Parry
Date April 21, 1947 Title Office Manager

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

Commenced drilling February 15, 1947, 19.. Finished drilling April 6, 1947, 19..

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2973 to 3056 No. 4, from ... to ...
No. 2, from 3062 to 3121 No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from ... to ... No. 3, from ... to ...
No. 2, from ... to ... 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 5/8	28#	8	s.h.	348	texas				salt string
7	20#	8	J&L	3063	guide				prod. string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	348	50	Halliburton		
7	2973	100	"		10 sax acuagel

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

TOOLS USED

Rotary tools were used from ... feet to ... feet, and from ... feet to ... feet
Cable tools were used from 0 feet to 3121 feet, and from ... feet to ... feet

DATES

..., 19.. Put to producing April 6, 1947, 19..

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

If gas well, cu. ft. per 24 hours ... Gallons gasoline per 1,000 cu. ft. of gas ...

Rock pressure, lbs. per sq. in. ...

EMPLOYEES

R. C. Jacobs, Driller ..., Driller
C. V. Miller
..., Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100		Red bed
100	265		red bed and gypsum
265	325		red bed
325	555		salt
555	755		salt and anhydrite
755	1910		anhydrite
1910	1950		red sand
1950	2315		anhydrite
2315	2440		lime
2440	2453		sandy lime
2551	2570		sandy lime
2570	2650		lime
2650	2659		lime gray
2659	2667		lime brown
2667	2685		lime
2685	2725		sandy lime
2725	2735		sand show of oil
2735	2950		lime
2950	2975		lime show of oil
2975	2990		lime
2990	2999		lime show of oil
2999	3121		lime oil in hole
3121 TOTAL DEPTH.			

(OVER)

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

ACID RECORD

March 26, 1947 acidized well from 2973' to 3056' using 100 gallons of 20% acid, dowell Method. Production was increased from est. 2 BOPD TO 15 BOPD

March 27, 1947 acidized well from 2973' to 3056' using 2000 gals of 20% acid, Dowell method. Production was increased to est. 2 bbls per hour.

March 29, 1947 acidized well from 2973' to 3056' using 4000 gals of 20% acid, Dowell method. No apparent increase in production

April 3, 1947 acidized well using 1000 gals of 20% acid controled below 3062', Dowell method. Estimated production after treatment was 3BOPH.

April 6, 1947 acidized well using 2000 gals of 20% acid controlled below 3062', Dowell method. Production the first 24 hours being 100 bbls.