...ldge... Bureau No. 42-R355.1.
...proval expires 11-30-49.

Form 9-330

COPY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028784 (a)
LEASE OR PERMIT TO PROSPECT Keely C

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address Box 416, Loco Hills, New Mexico
Lessor or Tract Keely C Field Grayburg-Jackson State New Mexico
Well No. 33 Sec. 25 T. 17S R. 29E Meridian NMPM County Eddy
Location 2615 ft. {N./S.} of S Line and 2615 ft. {E./W.} of E Line of Section 25 Elevation 3585'
(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 N. W. Krouskop (Signature)
Title Asst. Field Supt.

Date September 25, 1950

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

Commenced drilling July 25, 1950 Finished drilling September 7, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3076 to 3077 No. 4, from ... to ...
No. 2, from 3090 to 3093 (broken) No. 5, from ... to ...
No. 3, from 3122 to 3139 (broken) No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from 282 to 287 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"	24#	8rd	Used	472'	Texas Pattern				Salt String
7"	20#	8rd	Used	2987'	Texas Pattern				Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	478'	75	Halliburton	Heavy	To Surface
7"	2987'	100	"	"	"

PLUGS AND ADAPTERS

Heaving plug—Material ... Length ... Depth set ...
Adapters—Material ... Size ...

ACIDIZING SHOOTING RECORD

Size	Shell used	Explosive used	Chemical Quantity Gallons	Date	Depth shot Treated	Depth cleaned out
		20% HCl	420 Gal	9-7-50	Wash	
		20% HCl	1080 "	9-7-50	3006-3144'	
		20% HCl	1080 "	9-8-50	3006-3144'	
		20% HCl	420 "	9-10-50	3006-3144'	
		20% HCl	3000 "	9-12-50	2987-3144'	

TOOLS USED

Rotary tools were used from ... feet to ... feet, and from ... feet to ... feet
Cable tools were used from 0 feet to 3144 feet, and from ... feet to ... feet

DATES

September 25, 1950

Put to producing September 12, 1950

The production for the first 24 hours was 194 barrels of fluid of which 100 % was oil; ... % emulsion; ... % water; and ... % sediment.

Gravity, °Bé. API 37.0°

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

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

EMPLOYEES

E. L. Bryant, Driller Harlan Mohnson, Driller
Oscar Burch, Driller L. W. Ledbetter, Driller
Albert Williams Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Caliche
10	60	50	Red Mud
60	75	15	Gyp
75	85	10	Red Bed
85	250	165	Red Bed & Sand
250	260	10	Red Bed
260	290	30	Anhy
290	355	65	Red Bed
355	375	20	Gyp
375	395	20	Red Bed
395	420	25	Gyp & Red Bed
420	435	15	Red Rock
435	475	40	Salt
475	478	3	Shale
478	873	395	Salt
873	1040	167	Anhy
1040	1130	90	Anhy & Shale
1130	1140	10	Anhy
1140	1180	40	Anhy & Red Rock
1180	1220	40	Anhy Sand, Red Rock & Anhy
1220	1240	20	Anhy & Red Shale
1240	1250	10	Anhy
1250	1260	10	Broken Anhy
1260	1770	510	Anhy
1770	1790	20	Anhy & Red Shale

FROM— TO— TOTAL FEET FORMATION

(over)

16—43004-2

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1790	1978	188	Anhy
1978	1985	7	SLM
1985	2020	35	Anhy
2020	2050	30	Red Sand
2050	2060	10	Red Sand, Red Rock & Anhy.
2060	2110	50	Anhy
2110	2125	15	Anhy & Shale
2125	2300	175	Anhy
2300	2340	40	Anhy & Sandy Red Rock
2340	2365	25	Anhy
2365	2385	20	Lime
2385	2415	30	Anhy & Shale
2415	2520	105	Gray Lime
2520	2540	20	Sandy Lime
2540	2665	125	Gray Lime
2665	2680	15	Sandy Lime
2680	2700	20	Pink Lime
2700	2709	9	Pink & Gray Lime
2709	2735	26	Gray Lime
2735	2741	6	White Lime
2741	2762	21	Gray Lime
2762	2775	13	White & Pink Lime
2775	2800	25	Pink Lime
2800	2878	78	White Lime
2878	2906	28	Gray Lime
2906	2912	6	Gray Lime & Bentonite
2912	2924	12	Gray Lime
2924	2929	5	SLM
2929	2938	9	Lime & Sand
2938	2964	26	Gray Lime
2964	2971	7	White Lime
2971	2986	15	Gray Lime
2986	2987	1	SLM
2987	3055	68	White Lime
3055	3143	88	Gray Lime
3143	3144	1	SLM

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.