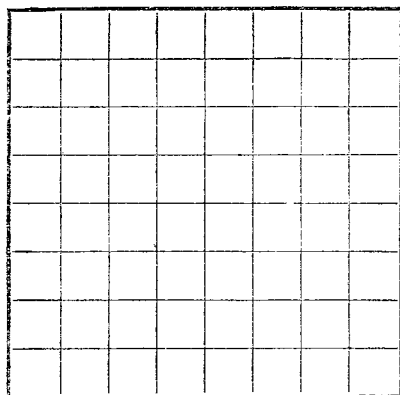


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028784-93-b
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Keely B

LOG OF OIL OR GAS WELL

Company Grayburg Oil Company of New Mex. Address Loco Hills, New Mexico
Lessor or Tract Keely B Field Grayburg-Jackson State New Mexico
Well No. 13 Sec. 26 T. 17S R. 29E Meridian N.M.P.M. County Eddy
Location 1345 ft. N. of N. Line and 1295 ft. XX of E Line of Section 26 Elevation 3588
(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 August 28, 1947 Title _____

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

Commenced drilling November 22, 1946 Finished drilling February 18, 1947

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2835 to 2870 No. 4, from _____ to _____
No. 2, from 2935 to 3050 No. 5, from _____ to _____
No. 3, from 3435 to 3535 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		Purpose
							From—	To—	
10 3/4"	42#			914	Reg.				Salt String
7"	20#	8rd		3420	Float	3050			
7"	20#	8rd		2820	None				Prod. String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	914	300	Halliburton		
7"	3420	125	Halliburton	9.2#/gal	To Surface
Above string knocked off at 3050' and pulled back to 2820'.					
7"	2820	210	Halliburton	9.2#/gal	To Surface

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

ACIDIZING ~~SHOOTING~~ RECORD

Size	Shell used	Acid used	Quantity	Date	Depth shot	Depth cleaned out
		20% HCl	1000	3-27-47	3450-3557'	
		20% HCl	3000	3-29-47	3450-3557'	
		20% HCl	1500	8-15-47	2829-3050'	
		20% HCl	3500	8-16-47	2829-3050'	

TOOLS USED

Rotary tools were used from _____ feet to 5076 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 28, 1947 Put to producing August 18, 1947The production for the first 24 hours was 229 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

S. Martin, Driller B. R. Vaughn, DrillerJ. H. Looney, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	170		Red. Bed.
170	290		Red Bed and Gyp.
290	446		Red Bed and Streak of Gyp.
446	544		Red Bed - Salt - Anhydrite.
544	600		Anhydrite and Potash.
600	710		Salt and Anhydrite.
710	767		Anhydrite - Potash - Salt.
767	775		Broken Salt.
775	802		Anhydrite.
802	853		Anhydrite - Streaks of Red Bed.
853	865		Anhydrite - Salt Streaks
865	950		Anhydrite and Lime.
950	990		Anhydrite.
990	1027		Broken Red Rock and Anhydrite.
1027	1047		Anhydrite.
1047	1075		Anhydrite - Broken Gray Lime.
1075	1080		Red Rock - Anhydrite.
1080	1086		Anhydrite.
1086	1382		Anhydrite and Red Rock.
1382	1532		Anhydrite.
1532	1682		Anhydrite and Gyp.
1682	2206		Anhydrite and Red Rock.
2206	2245		Anhydrite and Lime.
2245	2278		Anhydrite - Brown Lime - Shale.
2278	2290		Red Rock and Anhydrite.
2290	2524		Lime.
2524	2530		Break Red Rock and Lime.

DRILLER'S
STATE
LOG, AND
WHETHER
COPIES.

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
2530	2695	2695	Lime.
2695	2707	2707	Lime and sand.
2707	2725	2725	Lime.
2725	2735	2735	Broken Lime.
2735	2747	2747	Lime.
2747	2753	2753	Lime and Sand Streaks.
2753	2763	2763	Lime Correction.
2763	2778	2778	Lime.
2778	2792	2792	Sandy Lime.
2792	2794	2794	Lime.
2794	2798	2798	Sandy Lime.
2798	2805	2805	Lime.
2805	2820	2820	Lime and sand.
2820	2824	2824	Lime.
2824	2832	2832	Sandy Lime.
2832	2840	2840	Lime.
2840	2845	2845	Sandy Lime.
2845	2850	2850	Lime.
2850	2852	2852	Lime and Sand.
2852	2872	2872	Lime.
2872	2872	2872	Sandy Lime.
2872	2893	2893	Gray Lime.
2893	2913	2913	Brown Lime.
2913	2920	2920	Lime.
2920	2954	2954	Gray Lime.
2954	2980	2980	Gray Lime.
2980	2997	2997	Brown Lime.
2997	3013	3013	Lime.
3013	3029	3029	Brown Lime.
3029	3045	3045	Lime.
3045	3055	3055	Gray Lime.
3055	3084	3084	Brown Lime.
3084	3142	3142	Lime.
3142	3172	3172	Gray Lime.
3172	3185	3185	Lime and Gyp.
3185	3198	3198	Sandy Lime.
3198	3256	3256	Lime.
3256	3260	3260	Gray Lime.
3260	3285	3285	Brown Lime.
3285	3379	3379	Lime.
3379	3395	3395	Lime and Gyp.
3395	3444	3444	Lime and Gyp.
3444	3497	3497	Sandy Lime.
3497	3511	3511	Gray Lime.
3511	3512	3512	Shell.
3512	3528	3528	Gray Lime - Broken.
3528	3533	3533	Lime.
3533	3555	3555	Lime - Broken - Brown and Gray.
3555	3563	3563	Lime.
3563	3574	3574	Hard Lime and Sand.
3574	3584	3584	Hard sand.
3584	3600	3600	Hard Sandy Lime.
3600	3616	3616	Gray Lime.
3616	3633	3633	Brown and Gray Lime.
3633	3671	3671	Broken Lime.
3671	3689	3689	Sandy Lime.
3689	3747	3747	Gray Lime.
3747	3752	3752	Sandy Lime.
3752	3758	3758	Hard Sand.
3758	4014	4014	Lime.
4014	4020	4020	Hard Sand.
4020	4067	4067	Sand Lime.
4067	4083	4083	Lime.

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 "struck" 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.

HISTORY OF OKLAHOMA WELLS

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

5076 5063 5063 5063 4095 4095 4083

SIM TOTAL DEPTH.

Lime.

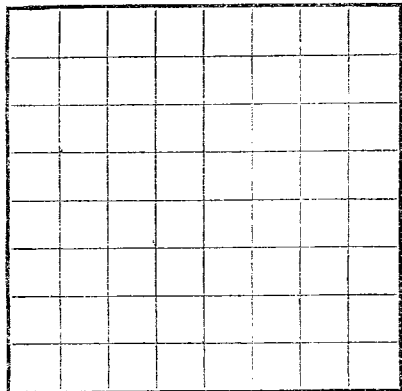
Brown Lime.

Lime - Gray.

Lime and Shells.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028784-c
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Keely C

LOG OF OIL OR GAS WELL

Company Western Production Company, Inc. Address Box 416, Loco Hills, New Mexico
Lessor or Tract Keely C Field Grayburg-Jackson State New Mexico
Well No. 25 Sec. 25 T. 17S R. 29E Meridian N.M.P.M. County Eddy
Location 660 ft. N. of S. Line and 1980 ft. W. of E. Line of Section 25 Elevation 3582'
(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 June 10, 1947 Title _____

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

Commenced drilling April 4, 1947 Finished drilling May 21, 1947

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from G 1672 to _____ No. 4, from 0 2775 to 2780
No. 2, from 0 2650 to 2668 No. 5, from 0 3153 to 3163
No. 3, from 0 2678 to 2689 No. 6, from 0 3182 to 3191 (1st Pay)
0 3240 3295 (2nd Pay)

IMPORTANT WATER SANDS

No. 1, from 345 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		Purpose
							From—	To—	
8 5/8"	24#			513	Guide				Salt String
7"	20#			3170	Float				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	513	50	Halliburton	Heavy	
7"	3170	125	Halliburton	Heavy	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

ACIDIZING

SHOOTING RECORD

Size	Shell used	Acid used	Quantity	Date	Depth shot	Depth cleaned out
		20% HCl	400 gal	5-22-47	Wash	(1 stage)
		20% HCl	9050 gal	5-23 to		
				5-31-47	3216-85	(5 stages)
		20% HCl	2000 gal	6-2-47	3170-3216	(1 stage)

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to 3285 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 3, 1947

The production for the first 24 hours was 48 barrels of fluid of which 100% was oil; 0 % 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

Oscar Burch, Driller Don Thorp, Driller
C. A. Pyatt, Driller Max Stephen, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20		Sand an Caliche
20	75		Red Shale
75	110		Sand
110	120		Gravel
120	145		Red Bed
145	225		Sand
225	235		Sand and Red Bed
235	285		Anhydrite
285	340		Red Bed and Gyp
340	430		Red Bed
430	460		Anhydrite
460	465		Red Bed and Shale
465	920		Salt
920	1095		Anhydrite
1095	1150		Broken Anhydrite
1150	1195		Anhydrite
1195	1235		Anhydrite and Red Bed
1235	1270		Anhydrite and Red Shale
1270	1840		Anhydrite
1840	1860		Red Sandy Shale
1860	2105		Anhydrite
2105	2140		Red Sand
2140	2160		Anhydrite
2160	2200		Anhydrite and Red Rock
2200	2270		Anhydrite
2270	2284		Lime

AT THE END OF COUNTRY DRILLERS
LOCAL
VILL

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2284	2308	2308	anhypdrite and Red Shale
2308	2355	2355	anhypdrite
2355	2366	2366	gray lime
2366	2435	2435	anhypdrite and Red Shale
2435	2450	2450	anhypdrite and Sandy Shale
2450	2463	2463	gray lime
2463	2512	2512	gray lime and Red Shale
2512	2729	2729	gray lime
2729	2739	2739	white lime
2739	2770	2770	gray lime
2770	2773	2773	pink lime
2773	2795	2795	broken lime
2795	2813	2813	gray lime
2813	2861	2861	white lime
2861	2878	2878	brown lime
2878	2894	2894	pink lime
2894	2917	2917	brown lime
2917	3060	3060	white lime
3060	3090	3090	gray lime
3090	3182	3182	white lime
3182	3285	3285	gray lime
3285			TOTAL DEPTH

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.

HISTORY OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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 April 9, 1949 Title _____

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

Commenced drilling March 29, 1949 Finished drilling April 5, 1949

No. 1, from to No. 4, from to
 No. 2, from to No. 5, from to
 No. 3, from to No. 6, from to

No. 1, from 3330' to 3358' No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-12	1.5	12	W. L. & W.	100	Kind of shoe	10-12	10-12	10-12	
12-14	1.5	12	W. L. & W.	100	Kind of shoe	12-14	12-14	12-14	
14-16	1.5	12	W. L. & W.	100	Kind of shoe	14-16	14-16	14-16	
16-18	1.5	12	W. L. & W.	100	Kind of shoe	16-18	16-18	16-18	
18-20	1.5	12	W. L. & W.	100	Kind of shoe	18-20	18-20	18-20	
20-22	1.5	12	W. L. & W.	100	Kind of shoe	20-22	20-22	20-22	
22-24	1.5	12	W. L. & W.	100	Kind of shoe	22-24	22-24	22-24	
24-26	1.5	12	W. L. & W.	100	Kind of shoe	24-26	24-26	24-26	
26-28	1.5	12	W. L. & W.	100	Kind of shoe	26-28	26-28	26-28	
28-30	1.5	12	W. L. & W.	100	Kind of shoe	28-30	28-30	28-30	
30-32	1.5	12	W. L. & W.	100	Kind of shoe	30-32	30-32	30-32	
32-34	1.5	12	W. L. & W.	100	Kind of shoe	32-34	32-34	32-34	
34-36	1.5	12	W. L. & W.	100	Kind of shoe	34-36	34-36	34-36	
36-38	1.5	12	W. L. & W.	100	Kind of shoe	36-38	36-38	36-38	
38-40	1.5	12	W. L. & W.	100	Kind of shoe	38-40	38-40	38-40	
40-42	1.5	12	W. L. & W.	100	Kind of shoe	40-42	40-42	40-42	
42-44	1.5	12	W. L. & W.	100	Kind of shoe	42-44	42-44	42-44	
44-46	1.5	12	W. L. & W.	100	Kind of shoe	44-46	44-46	44-46	
46-48	1.5	12	W. L. & W.	100	Kind of shoe	46-48	46-48	46-48	
48-50	1.5	12	W. L. & W.	100	Kind of shoe	48-50	48-50	48-50	
50-52	1.5	12	W. L. & W.	100	Kind of shoe	50-52	50-52	50-52	
52-54	1.5	12	W. L. & W.	100	Kind of shoe	52-54	52-54	52-54	
54-56	1.5	12	W. L. & W.	100	Kind of shoe	54-56	54-56	54-56	
56-58	1.5	12	W. L. & W.	100	Kind of shoe	56-58	56-58	56-58	
58-60	1.5	12	W. L. & W.	100	Kind of shoe	58-60	58-60	58-60	
60-62	1.5	12	W. L. & W.	100	Kind of shoe	60-62	60-62	60-62	
62-64	1.5	12	W. L. & W.	100	Kind of shoe	62-64	62-64	62-64	
64-66	1.5	12	W. L. & W.	100	Kind of shoe	64-66	64-66	64-66	
66-68	1.5	12	W. L. & W.	100	Kind of shoe	66-68	66-68	66-68	
68-70	1.5	12	W. L. & W.	100	Kind of shoe	68-70	68-70	68-70	
70-72	1.5	12	W. L. & W.	100	Kind of shoe	70-72	70-72	70-72	
72-74	1.5	12	W. L. & W.	100	Kind of shoe	72-74	72-74	72-74	
74-76	1.5	12	W. L. & W.	100	Kind of shoe	74-76	74-76	74-76	
76-78	1.5	12	W. L. & W.	100	Kind of shoe	76-78	76-78	76-78	
78-80	1.5	12	W. L. & W.	100	Kind of shoe	78-80	78-80	78-80	
80-82	1.5	12	W. L. & W.	100	Kind of shoe	80-82	80-82	80-82	
82-84	1.5	12	W. L. & W.	100	Kind of shoe	82-84	82-84	82-84	
84-86	1.5	12	W. L. & W.	100	Kind of shoe	84-86	84-86	84-86	
86-88	1.5	12	W. L. & W.	100	Kind of shoe	86-88	86-88	86-88	
88-90	1.5	12	W. L. & W.	100	Kind of shoe	88-90	88-90	88-90	
90-92	1.5	12	W. L. & W.	100	Kind of shoe	90-92	90-92	90-92	
92-94	1.5	12	W. L. & W.	100	Kind of shoe	92-94	92-94	92-94	
94-96	1.5	12	W. L. & W.	100	Kind of shoe	94-96	94-96	94-96	
96-98	1.5	12	W. L. & W.	100	Kind of shoe	96-98	96-98	96-98	

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	Plugged back from 3423' to 3270' with 27 sacks cement.				

Heaving plug—Material Length Depth set

Adapters—Material Size

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 3265 feet to 3428 feet, and from _____ feet to _____ feet

----- April 9 -----, 1949 Put to producing ----- April 8 -----, 1949

The production for the first 24 hours was ----- barrels of fluid of which ----- % 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. -----

..... L. W. Ledbetter, Driller Don Thorp, Driller
..... Clay Rook, Driller, Driller

FROM—	TO—	TOTAL FEET	FORMATION
3285'	3350'	65'	Gray Lime
3350'	3366'	16'	Sand & Lime
3366'	3428'	62'	Gray Lime

AT THE REQUEST OF THE DRILLERS
OF THE STATE

FORMATION RECORD—Continued

[illegible]

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.

HISTORY OF OIL OR GAS WELL

18-48094-2 U. S. GOVERNMENT PRINTING OFFICE