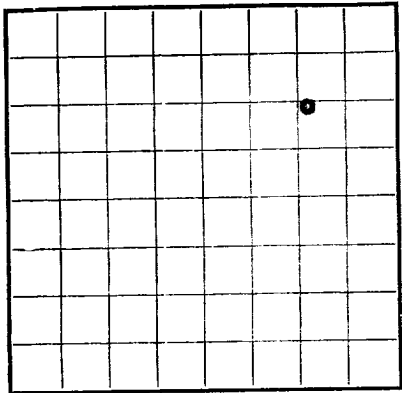


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058514
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Kewanee Oil Company Address P. O. Box 2239, Tulsa, Oklahoma
Lessor or Tract Pearsall "BX" Field Pearsall State New Mexico
Well No. 6 Sec. 34 T. 17S R. 32E Meridian N.M.P.M. County Lea
Location 1345 ft. XX of N Line and 1295 ft. XX of E Line of Sec. #34 Elevation 3952
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 R. A. M. Miller

Date August 30, 1954 Title District Superintendent

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

Commenced drilling July 24, 1954 Finished drilling August 10, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3525 to 3534 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 _____ 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—	
<u>8-5/8</u>	<u>28</u>	<u>8 Rd</u>	<u>Sale</u>	<u>59</u>	<u>None</u>				
<u>5-1/2</u>	<u>24</u>	<u>8 Rd</u>	<u>Sale</u>	<u>3525</u>	<u>Baker</u>				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>61</u>	<u>100</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>3515</u>	<u>1250 Mixed w/8% Gel & 200 neat</u>	<u>Halliburton</u>		

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
<u>Sand-Oil</u>	<u>treat with</u>	<u>15,000 Gals Oil & 15,500# Sand.</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3552 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing August 27, 1954

The production for the first 24 hours was 116 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 _____

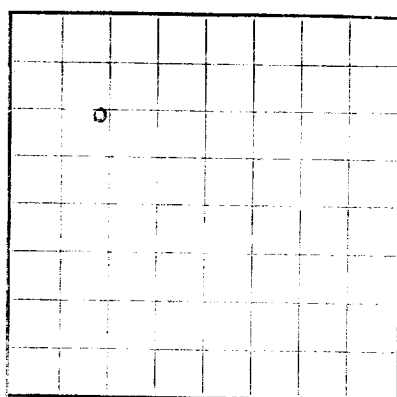
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A. J. Holland, Driller Archie Wynne, Driller
J. W. Epperson, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>64</u>	<u>64</u>	<u>Sand and caliche</u>
<u>64</u>	<u>82</u>	<u>18</u>	<u>Red bed</u>
<u>82</u>	<u>792</u>	<u>710</u>	<u>Red Sand and shale</u>
<u>792</u>	<u>1009</u>	<u>217</u>	<u>Red Shale</u>
<u>1009</u>	<u>1155</u>	<u>146</u>	<u>Anhydrite</u>
<u>1155</u>	<u>1242</u>	<u>87</u>	<u>Anhydrite and lime</u>
<u>1242</u>	<u>2292</u>	<u>1050</u>	<u>Anhydrite & salt</u>
<u>2292</u>	<u>2451</u>	<u>159</u>	<u>Anhydrite & Gyp</u>
<u>2451</u>	<u>2566</u>	<u>115</u>	<u>Anhydrite, Gyp, and sand</u>
<u>2566</u>	<u>3376</u>	<u>810</u>	<u>Anhydrite and gyp</u>
<u>3376</u>	<u>3431</u>	<u>55</u>	<u>Anhydrite and lime</u>
<u>3431</u>	<u>3436</u>	<u>5</u>	<u>Anhydrite & gyp</u>
<u>3436</u>	<u>3478</u>	<u>42</u>	<u>Lime</u>
<u>3478</u>	<u>3506</u>	<u>28</u>	<u>Anhydrite</u>
<u>3506</u>	<u>3525</u>	<u>19</u>	<u>Red Sand</u>
<u>3525</u>	<u>3529</u>	<u>4</u>	<u>Gray Sand</u>
<u>3529</u>	<u>3531</u>	<u>2</u>	<u>Red Sand and shale</u>
<u>3531</u>	<u>3534</u>	<u>3</u>	<u>Gray sand</u>
<u>3534</u>	<u>3543</u>	<u>9</u>	<u>Red Sandy Shale</u>
<u>3543</u>	<u>3552</u>	<u>9</u>	<u>Anhydrite</u>
<u>3552</u>			<u>TOTAL DEPTH</u>



LOG OF OIL OR GAS WELL

 GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 UNITED STATES

 PLEASE OR PERMIT TO PROSPECT
 SERIAL NUMBER
 U. S. LAND OFFICE
 APPROVAL EXPIRES 12-31-23
 BUREAU OF LAND MANAGEMENT

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 _____
 Title District Superintendent
 Date August 30, 1924
 The summary on this page is for the condition of the well at above date.
 Commenced drilling July 24, 1924 Finished drilling August 10, 1924
 OIL OR GAS SANDS OR ZONES
 (From gas by G)
 No. 1, from 3525 to 3534
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 IMPORTANT WATER SANDS
 No. 1, from _____ to _____
 No. 2, from _____ to _____
 CASING RECORD
 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 logs or bitlogs were taken, state the date, position, and results of pumping or bailing.
 Size casing 8-1/2" 3525
 Weight per foot 3525
 Threads per inch 3525
 Make 3525
 Amount 3525
 Kind of shoe 3525
 Cut and pulled from 3525
 Perforated 3525
 Purpose 3525

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Size casing	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-1/2"	3525	100	Hydraulic		
8-1/2"	3525	100	Hydraulic		
8-1/2"	3525	100	Hydraulic		

PLUGS AND ADAPTERS

Size	Length	Depth set
8-1/2"	3525	3525

SHOOTING RECORD

Size	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
8-1/2"	3525	3525	3525	3525	3525	3525

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
3525	3525	3525	3525

DATES

Put to producing	August 24, 1924	10-24
Production for the first 24 hours was	100	100
emulsion; % water; and % sediment.	100	100
It gas well, cu. ft. per 24 hours	100	100
Rock pressure, lbs. per sq. in.	100	100

EMPLOYEES

Driller	Driller	Driller
3525	3525	3525

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	64	64	Sand and shale
64	82	146	Red sand
82	100	186	Red sand and shale
100	118	204	Red shale
118	136	240	Red shale
136	154	280	Red shale
154	172	312	Red shale
172	190	344	Red shale
190	208	376	Red shale
208	226	408	Red shale
226	244	440	Red shale
244	262	472	Red shale
262	280	504	Red shale
280	298	536	Red shale
298	316	568	Red shale
316	334	600	Red shale
334	352	632	Red shale
352	370	664	Red shale
370	388	696	Red shale
388	406	728	Red shale
406	424	760	Red shale
424	442	792	Red shale
442	460	824	Red shale
460	478	856	Red shale
478	496	888	Red shale
496	514	920	Red shale
514	532	952	Red shale
532	550	984	Red shale
550	568	1016	Red shale
568	586	1048	Red shale
586	604	1080	Red shale
604	622	1112	Red shale
622	640	1144	Red shale
640	658	1176	Red shale
658	676	1208	Red shale
676	694	1240	Red shale
694	712	1272	Red shale
712	730	1304	Red shale
730	748	1336	Red shale
748	766	1368	Red shale
766	784	1400	Red shale
784	802	1432	Red shale
802	820	1464	Red shale
820	838	1496	Red shale
838	856	1528	Red shale
856	874	1560	Red shale
874	892	1592	Red shale
892	910	1624	Red shale
910	928	1656	Red shale
928	946	1688	Red shale
946	964	1720	Red shale
964	982	1752	Red shale
982	1000	1784	Red shale
1000	1018	1816	Red shale
1018	1036	1848	Red shale
1036	1054	1880	Red shale
1054	1072	1912	Red shale
1072	1090	1944	Red shale
1090	1108	1976	Red shale
1108	1126	2008	Red shale
1126	1144	2040	Red shale
1144	1162	2072	Red shale
1162	1180	2104	Red shale
1180	1198	2136	Red shale
1198	1216	2168	Red shale
1216	1234	2200	Red shale
1234	1252	2232	Red shale
1252	1270	2264	Red shale
1270	1288	2296	Red shale
1288	1306	2328	Red shale
1306	1324	2360	Red shale
1324	1342	2392	Red shale
1342	1360	2424	Red shale
1360	1378	2456	Red shale
1378	1396	2488	Red shale
1396	1414	2520	Red shale
1414	1432	2552	Red shale
1432	1450	2584	Red shale
1450	1468	2616	Red shale
1468	1486	2648	Red shale
1486	1504	2680	Red shale
1504	1522	2712	Red shale
1522	1540	2744	Red shale
1540	1558	2776	Red shale
1558	1576	2808	Red shale
1576	1594	2840	Red shale
1594	1612	2872	Red shale
1612	1630	2904	Red shale
1630	1648	2936	Red shale
1648	1666	2968	Red shale
1666	1684	3000	Red shale
1684	1702	3032	Red shale
1702	1720	3064	Red shale
1720	1738	3096	Red shale
1738	1756	3128	Red shale
1756	1774	3160	Red shale
1774	1792	3192	Red shale
1792	1810	3224	Red shale
1810	1828	3256	Red shale
1828	1846	3288	Red shale
1846	1864	3320	Red shale
1864	1882	3352	Red shale
1882	1900	3384	Red shale
1900	1918	3416	Red shale
1918	1936	3448	Red shale
1936	1954	3480	Red shale
1954	1972	3512	Red shale
1972	1990	3544	Red shale
1990	2008	3576	Red shale
2008	2026	3608	Red shale
2026	2044	3640	Red shale
2044	2062	3672	Red shale
2062	2080	3704	Red shale
2080	2098	3736	Red shale
2098	2116	3768	Red shale
2116	2134	3800	Red shale
2134	2152	3832	Red shale
2152	2170	3864	Red shale
2170	2188	3896	Red shale
2188	2206	3928	Red shale
2206	2224	3960	Red shale
2224	2242	3992	Red shale
2242	2260	4024	Red shale
2260	2278	4056	Red shale
2278	2296	4088	Red shale
2296	2314	4120	Red shale
2314	2332	4152	Red shale
2332	2350	4184	Red shale
2350	2368	4216	Red shale
2368	2386	4248	Red shale
2386	2404	4280	Red shale
2404	2422	4312	Red shale
2422	2440	4344	Red shale
2440	2458	4376	Red shale
2458	2476	4408	Red shale
2476	2494	4440	Red shale
2494	2512	4472	Red shale
2512	2530	4504	Red shale
2530	2548	4536	Red shale
2548	2566	4568	Red shale
2566	2584	4600	Red shale
2584	2602	4632	Red shale
2602	2620	4664	Red shale
2620	2638	4696	Red shale
2638	2656	4728	Red shale
2656	2674	4760	Red shale
2674	2692	4792	Red shale
2692	2710	4824	Red shale
2710	2728	4856	Red shale
2728	2746	4888	Red shale
2746	2764	4920	Red shale
2764	2782	4952	Red shale
2782	2800	4984	Red shale
2800	2818	5016	Red shale
2818	2836	5048	Red shale
2836	2854	5080	Red shale
2854	2872	5112	Red shale
2872	2890	5144	Red shale
2890	2908	5176	Red shale
2908	2926	5208	Red shale
2926	2944	5240	Red shale
2944	2962	5272	Red shale
2962	2980	5304	Red shale
2980	2998	5336	Red shale
2998	3016	5368	Red shale
3016	3034	5400	Red shale
3034	3052	5432	Red shale
3052	3070	5464	Red shale
3070	3088	5496	Red shale
3088	3106	5528	Red shale
3106	3124	5560	Red shale
3124	3142	5592	Red shale
3142	3160	5624	Red shale
3160	3178	5656	Red shale
3178	3196	5688	Red shale
3196	3214	5720	Red shale
3214	3232	5752	Red shale
3232	3250	5784	Red shale
3250	3268	5816	Red shale
3268	3286	5848	Red shale
3286	3304	5880	Red shale
3304	3322	5912	Red shale
3322	3340	5944	Red shale
3340	3358	5976	Red shale
3358	3376	6008	Red shale
3376	3394	6040	Red shale
3394	3412	6072	Red shale
3412	3430	6104	Red shale
3430	3448	6136	Red shale
3448	3466	6168	Red shale
3466	3484	6200	Red shale
3484	3502	6232	Red shale
3502	3520	6264	Red shale
3520	3538	6296	Red shale
3538	3556	6328	Red shale
3556	3574	6360	Red shale
3574	3592	6392	Red shale
3592	3610	6424	Red shale
3610	3628	6456	Red shale
3628	3646	6488	Red shale
3646	3664	6520	Red shale
3664	3682	6552	Red shale
3682	3700	6584	Red shale
3700	3718	6616	Red shale
3718	3736	6648	Red shale
3736	3754	6680	Red shale
3754	3772	6712	Red shale
3772	3790	6744	Red shale
3790	3808	6776	Red shale
3808	3826	6808	Red shale
3826	3844	6840	Red shale
3844	3862	6872	Red shale
3862	3880	6904	Red shale
3880	3898	6936	Red shale
3898	3916	6968	Red shale
3916	3934	7000	Red shale
3934	3952	7032	Red shale
3952	3970	7064	Red shale
3970	3988	7096	Red shale
3988	4006	7128	Red shale
4006	4024	7160	Red shale
4024	4042	7192	Red shale
4042	4060	7224	Red shale
4060	4078	7256	Red shale
4078	4096	7288	Red shale
4096	4114	7320	Red shale
4114	4132	7352	Red shale
4132	4150	7384	Red shale
4150	4168	7416	Red shale
4168	4186	7448	Red shale
4186	4204	7480	Red shale
4204	4222	7512	Red shale
4222	4240	7544	Red shale
4240	4258	7576	Red shale
4258	4276	7608	Red shale
4276	4294	7640	Red shale
4294	4312	7672	Red shale
4312	4330	7704	Red shale
4330	4348	7736	Red shale
4348	4366	7768	Red shale
4366	4384	7800	Red shale
4384	4402	7832	Red shale
4402	4420	7864	Red shale
4420	4438	7896	Red shale
4438	4456	7928	Red shale
4456	4474	7960	Red shale
4474	4492	7992	Red shale
4492	4510	8024	Red shale
4510	4528	8056	Red shale
4528	4546	8088	Red shale
4546	4564	8120	Red shale
4564	4582	8152	Red shale
4582	4600	8184	Red shale
4600	4618	8216	Red shale
4618	4636	8248	Red shale
4636	4654	8280	Red shale
4654	4672	8312	Red shale
4672	4690	8344	Red shale
4690	4708	8376	Red shale
4708	4726	8408	Red shale
4726	4744	8440	Red shale