

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029438A**
LEASE OR PERMIT TO PROSPECT **Lea "A"**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Skelly Oil Company** Address **Tulsa, Oklahoma**
Lessor or Tract **Lea "A"** Field **Grayburg-Jackson** State **N. M.**
Well No. **5** Sec. **23** T. **17** R. **31** Meridian **N. M.** County **Eddy**
Location **1980 ft. [S.]** of **N** Line and **600 ft. [W.]** of **N** Line of **Sec. 23** Elevation **3856**
(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.

Date **May 21, 1945**Signed **J. J. Sweeney** Title **Dist. Supt.**

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

Commenced drilling **2-15**, 19**45** Finished drilling **4-15**, 19**45**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3755** to **3801** No. 4, from _____ to _____
No. 2, from **3801** to **3823** No. 5, from _____ to _____
No. 3, from **3823** to **3855** 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—	
8-5/8	711	75	Halliburton	75					
7"	3245	150	Halliburton	150					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	711	75	Halliburton		
7"	3245	150	Halliburton		

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 _____ feet to **3855** feet, and from _____ feet to _____ feet

DATES

Put to producing **May 1**, 19**45**

The production for the first 24 hours was **165** barrels of fluid of which **100%** was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, **B6**

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller **R. R. Duxbury**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red Sandy Shale
50	115	65	Redbed
115	215	100	Red Shale
215	270	55	Redbed
270	450	180	Red Sandy Shale
450	510	60	Red Shale
510	620	110	Anhydrite - Top Anhydrite 510'
620	711	91	Salt - Top Salt 620'
711	750	39	Salt - Top 8-5/8" Cng. set 711'
			w/ 75 sacks cement
750	1040	310	Salt & Potash
1040	1230	190	Salt
1230	1515	285	Salt & Potash
1515	1675	160	Salt & Base Salt 1515'
1675	1840	165	Anhydrite
1840	1870	30	Sand & Top Yates Sand 1840'
1870	1920	50	Red Shale & Anhydrite Shells
1920	1955	35	Anhydrite & Dolomite
1955	2000	45	Anhydrite
2000	2045	45	Dolomite
2045	2060	15	Anhydrite
2060	2075	15	Shale & Shells
2075	2110	35	Anhydrite
2110	2146	36	Red Sand - Top Red Sand 2046'
2146	2175	29	

FORMATION RECORD—Continued

1974 20 JIG 30 DEC

1. The first part of the document is a letter from the author to the editor, dated 1947. The letter discusses the author's work on the history of the Soviet Union and the role of the Communist Party. The author mentions that he has been working on this project for several years and that he has received a great deal of help from his colleagues. He also mentions that he has been able to obtain a great deal of new material for his work.

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Station	Depth	Temperature	Direction	Force	Time	Remarks
1	10	10.0	10.0	10.0	10.0	10.0
2	20	20.0	20.0	20.0	20.0	20.0
3	30	30.0	30.0	30.0	30.0	30.0
4	40	40.0	40.0	40.0	40.0	40.0
5	50	50.0	50.0	50.0	50.0	50.0
6	60	60.0	60.0	60.0	60.0	60.0
7	70	70.0	70.0	70.0	70.0	70.0
8	80	80.0	80.0	80.0	80.0	80.0
9	90	90.0	90.0	90.0	90.0	90.0
10	100	100.0	100.0	100.0	100.0	100.0

HISTORY OF OIL OR GAS WELL

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 "madedracked" 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.

FORMATION	TOTAL FEET	TO-	FROM-
Dolomite	60	2815	2875
Dolomite	30	2845	2875
Dolomite	15	2860	2875
Dolomite	30	2890	2920
Dolomite	15	2905	2920
Dolomite	45	2950	3000
Dolomite	15	2965	3000
Dolomite	15	2980	3000
Dolomite	15	3000	3015
Dolomite	15	3015	3030
Dolomite	15	3030	3045
Dolomite	15	3045	3060
Dolomite	15	3060	3075
Dolomite	15	3075	3090
Dolomite	15	3090	3105
Dolomite	15	3105	3120
Dolomite	15	3120	3135
Dolomite	15	3135	3150
Dolomite	15	3150	3165
Dolomite	15	3165	3180
Dolomite	15	3180	3195
Dolomite	15	3195	3210
Dolomite	15	3210	3225
Dolomite	15	3225	3240
Dolomite	15	3240	3255
Dolomite	15	3255	3270
Dolomite	15	3270	3285
Dolomite	15	3285	3300
Dolomite	15	3300	3315
Dolomite	15	3315	3330
Dolomite	15	3330	3345
Dolomite	15	3345	3360
Dolomite	15	3360	3375
Dolomite	15	3375	3390
Dolomite	15	3390	3405
Dolomite	15	3405	3420
Dolomite	15	3420	3435
Dolomite	15	3435	3450
Dolomite	15	3450	3465
Dolomite	15	3465	3480
Dolomite	15	3480	3495
Dolomite	15	3495	3510
Dolomite	15	3510	3525
Dolomite	15	3525	3540
Dolomite	15	3540	3555
Dolomite	15	3555	3570
Dolomite	15	3570	3585
Dolomite	15	3585	3600
Dolomite	15	3600	3615
Dolomite	15	3615	3630
Dolomite	15	3630	3645
Dolomite	15	3645	3660
Dolomite	15	3660	3675
Dolomite	15	3675	3690
Dolomite	15	3690	3705
Dolomite	15	3705	3720
Dolomite	15	3720	3735
Dolomite	15	3735	3750
Dolomite	15	3750	3765
Dolomite	15	3765	3780
Dolomite	15	3780	3795
Dolomite	15	3795	3810
Dolomite	15	3810	3825
Dolomite	15	3825	3840
Dolomite	15	3840	3855
Dolomite	15	3855	3870
Dolomite	15	3870	3885
Dolomite	15	3885	3900
Dolomite	15	3900	3915
Dolomite	15	3915	3930
Dolomite	15	3930	3945
Dolomite	15	3945	3960
Dolomite	15	3960	3975
Dolomite	15	3975	3990
Dolomite	15	3990	4005
Dolomite	15	4005	4020
Dolomite	15	4020	4035
Dolomite	15	4035	4050
Dolomite	15	4050	4065
Dolomite	15	4065	4080
Dolomite	15	4080	4095
Dolomite	15	4095	4110
Dolomite	15	4110	4125
Dolomite	15	4125	4140
Dolomite	15	4140	4155
Dolomite	15	4155	4170
Dolomite	15	4170	4185
Dolomite	15	4185	4200
Dolomite	15	4200	4215
Dolomite	15	4215	4230
Dolomite	15	4230	4245
Dolomite	15	4245	4260
Dolomite	15	4260	4275
Dolomite	15	4275	4290