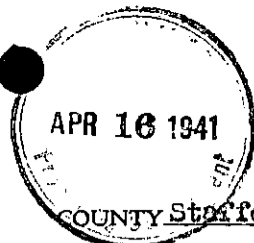


640 Acres

R-12-W

160				160
	(15)			
160				160

Locate Well Correctly



STANOLIND OIL AND GAS COMPANY

WELL RECORD

COUNTY Stafford, SEC. 15, TWP. 24S, RGE. 12W
 COMPANY OPERATING Stanolind Oil and Gas
 OFFICE ADDRESS P.O. Box No. 591 Tulsa, Okla.
 FARM NAME E. Charles WELL NO. 3
 DRILLING STARTED 1-22 1941, DRILLING FINISHED 2-7 1941
 WELL LOCATED CS/2 $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ 1650 ft. North of South Line and 1980 ft. East of West Line of Quarter Section.
 ELEVATION (Relative to sea level) DERRICK FLR. 1869 GROUND 1866' 4"
 CHARACTER OF WELL (Oil, gas or dry hole) Oil

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1 Anhydrite	647				
2 Viola	3810	3828			
3					

WATER SANDS

Name	From	To	Water Level	Name	From	To	Water Level
1							
2							
3							

CASING RECORD

Size	Wt.	Thds.	Make	Amount Set		Amount Pulled		Packer Record			
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make
8 5/8	24	8	Used	259	10	thds	off		landed	268'	2"
5 1/2	14	8	Nat'l	3805	1	-	-			3812'	9"

Liner Record: Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING RECORD

Size	Amount Set		Sacks Cement	Chemical		Method Cementing	Amount	Mudding Method	Results (See Note)
	Feet	In.		Gal.	Make				
8 5/8	260	6	130	Portland		Halliburton			<div style="border: 1px solid black; padding: 5px;"> <p>PLUGGING</p> <p>FILE SEC. 15 T. 24 R. 12W</p> <p>BOOK PAGE 87 LINE 4</p> <p>RECEIVED</p> <p>WICHITA CORPORATION COMMISSION</p> </div>
6 1/2	3843	0	100	Lone Star		Halliburton			

NOTE: What method was used to protect sands when outer strings were pulled? _____

NOTE: Were bottom hole plugs used? _____ If so, state kind, depth set and results obtained _____

TOOLS USED

Rotary tools were used from 0 feet to 3828 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Type Rig _____

PRODUCTION DATA

flowed through casing, 28 bbl. of oil, no water, per hour - before acid.
 Production first 24 hours _____ bbls. Gravity _____, Emulsion _____ per cent., Water _____ per cent.
 b.n.p.d.d. potential 50% b.o.p.d. - 3 rate.
 Production second 24 hours _____ bbls. Gravity _____, Emulsion _____ per cent., Water _____ per cent.

If gas well, cubic feet per 24 hours _____ Rock Pressure, lbs. per square inch _____

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

[Signature] Prod. Foreman
 Name and Title

Subscribed and sworn to before me this the 12th. day of April, 19 41

My commission expires: September 14, 1942

Notary Public. [Signature]



FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

Formation	Top	Bottom	Formation	Top	Bottom
collar	0	10' 2"	lime and chert	3793	3395
surface clay	10' 2"	35	shale	3306	3310
sand	35	120	lime, cherty.	3310	2825
red bed and shale	120	225	Total depth	3328	
shale and shells	225	230	shale and lime: 3/5';	3100	3155
shale	230	235	3/5'; 4/5'; 8/5'; 7/5';		
red shale	235	347	6/5'; 5/5'.		
anhydrite	347	375	lime and chert: 9/5';	3155	3163
shale	375	920	10/5'; 18/5'; 19/5'; 17/5';		
lime and shale	920	1020	16/5'.		
shale and lime shells	1020	1335	lime: 16/2'; 6/5'; 6/5';	3163	3197
salt and shale	1335	1430	6/5'; 9/5'; 7/5'; 9/5';		
shale and lime	1430	2015	7/2'.		
broken lime	2015	2105	lime and shale: 7/3'; 5/5';	3197	3370
lime	2105	2220	5/5'; (drig. time lost		
shale	2220	2652	3210 to 3320) 5/5'; 4/5';		
lime	2652	2650	4/5'; 4/5'; 3/5'; 4/5';		
shale	2650	2715	4/5'; 6/5'; 7/5'; 5/5'.		
lime and shale	2715	2755	broken lime: 9/5';	3370	3420
lime	2755	2803	8/5'; 7/5'; 9/5'; 6/5';		
lime and shale	2803	3030	7/5'; 11/5'; 12/5'; 9/3';		
lime	3030	3095	10/6';.		
shale and lime	3095	3135	shale and lime: 10/5';	3420	3525
lime and chert	3135	3163	7/5'; 10/5'; 12/5'; 11/5';		
lime	3163	3197	16/5'; 8/5'; 6/5'; 3/5'; 4/5';		
lime and shale	3197	3370	4/5'; 5/5'; 5/5'; 5/5'; 5/5';		
broken lime	3370	3420	6/5'; 7/5'; 7/5'; 5/5'; 7/5';		
shale and lime	3420	3525	2/5'.		
lime	3525	3570	lime: 10/5'; 11/5'; 8/5';	3525	3570
shale and lime	3570	3660	6/5'; 7/5'; 10/5'; 7/5';		
lime	3660	3752	9/5'; 12/5';.		
shale	3752	3793	shale and lime: 13/5';	3570	3660
			5/5'; 11/5'; 12/5'; 6/5';		
			8/5'; 12/5'; 9/5'; 12/5';		
			6/5'; 4/5'; 10/5'; 14/5';		
			14/5'; 12/5'; 10/5'; 5/5';		
			8/5'.		
			lime: 8/5'; 5/5'; 6/5';	3660	3762
			7/5'; 6/5'; 7/5'; 5/5';		
			7/5'; 8/5'; 9/5'; 9/5';		
			10/5'; 7/5'; 6/5'; 3/5';		
			6/5'; 2/5'; 7/5'; 6/5';		
			7/5'; 14/2'.		
			shale: 14/3'; 15/5'; 16/5';	3762	3793
			17/5'; 14/5'; 14/5'; 18/3';.		
			lime and chert: 18/2';	3793	3805
			19/5'; 12/5'; 8/1'.		
			shale: 8/4'.	3805	3310

FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

Formation	Top	Bottom	Formation	Top	Bottom
c.x. white to pink lime- very light oil stain. 10/5'.	3810	3815			
<u>Core No. 1</u> Rec. 6 ft. C.x. white lime, cherty from 3819-3828, good bleeding in core recovery. Bottom of core one piece dolomite, good odor oil, f.x., gray. 19, 13, 12, 7, 8, 13, 16, 12, 15, 18, 13, 13, 14.	3815	3828			
<u>Cable tools</u> Drilled plug and took two hour swab test off bottom; 1st hr 57.50 bbl. oil, 0 water 2nd hr 50.00 - - - 0 - Well then flowed for two hours as follows: 1st hr 13.75 bbl. oil, 0 water 2nd hr. 28.27 - - - 0 -					
Acidized through tubing with 2000 gal. of Dowell x.f. acid in 30 minutes with maximum pressures of 325# on the tubing and 725# on the casing.					
Flowing test through tubing with 1" choke wide open: 1st hr. 55 bbl of oil, 0 water 2nd hr. 50 - - - 0 - 3rd hr. 50 - - - 0 -					
Date of first work	1-18-41	✓			
Date of first drilling	1-22-41	✓			
Date of final drilling	2-7-41	✓			
Date well complete	2-16-41	✓			
Date potential effective	2-18-41	✓			
Elevation of permanent bench mark (top csg. clamps) 1860' 10" top clamps 8' 2" below derrick floor.					

RECEIVED
 STATE CORPORATION
 APR 29
 CONCENTRATION
 Michigan, Part 3

640 Acres

N

	160					160	
	160					160	

Locate Well Correctly

WELL RECORD

COUNTY _____, SEC. _____, TWP. _____, RGE. _____
 COMPANY OPERATING _____
 OFFICE ADDRESS _____
 FARM NAME _____ WELL NO. _____
 DRILLING STARTED _____ 19____, DRILLING FINISHED _____ 19____
 WELL LOCATED _____ 1/4 _____ 1/4 _____ 1/4 _____ ft. North of South
 Line and _____ ft. East of West Line of Quarter Section.
 ELEVATION (Relative to sea level) DERRICK FLR. _____ GROUND _____
 CHARACTER OF WELL (Oil, gas or dry hole) _____

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1			4		
2			5		
3			6		

WATER SANDS

Name	From	To	Water Level	Name	From	To	Water Level
1				4			
2				5			
3				6			

CASING RECORD

Size	Wt.	Thds.	Make	Amount Set		Amount Pulled		Packer Record				
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make	

Liner Record: Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING RECORD

Size	Amount Set		Sacks Cement	Chemical		Method Cementing	Amount	Mudding Method	Results (See Note)
	Feet	In.		Gal.	Make				

NOTE: What method was used to protect sands when outer strings were pulled? _____

NOTE: Were bottom hole plugs used? _____ If so, state kind, depth set and results obtained _____

TOOLS USED

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

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

Type Rig _____

PRODUCTION DATA

Production first 24 hours _____ bbls. Gravity _____, Emulsion _____ per cent., Water _____ per cent

Production second 24 hours _____ bbls. Gravity _____, Emulsion _____ per cent., Water _____ per cent

If gas well, cubic feet per 24 hours _____ Rock Pressure, lbs. per square inch _____

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Name and Title _____

Subscribed and sworn to before me this the _____ day of _____, 19 _____

My commission expires _____

Notary Public.