



SKELLY OIL COMPANY

Well Record

Lease Name and No. **Lillian Scoggins** Well No. **6** Elev. **2232' BR**
 Lease Description **3/4 and N/2 3/4 Sec. 18-10E-19**
Rooks County, Kansas
 Location made **May 27, 1949** by **F. J. Gussow**
990 feet from North line **990** feet from East line **3/4**
 feet from South line feet from West line of **Sec. 18**

Work com'd **5/28 49** Rig comp'd **5/29 19 49** Drlg. com'd **5/29 49** Drlg. comp'd **6/11 49**
 Rig Contractor **Herndon Drilling Company**
 Drilling Contractor **Herndon Drilling Company, Tulsa, Oklahoma**
 Rotary Drilling from **Top** to **3797'** Cable Tool Drilling from **To complete** to
 Commenced Producing **July 1, 1949** Initial Prod. before ~~XXXX~~ acid **1/2 BO 1/2 BO per hr.** Bbls.
 Initial Prod. after ~~XXXX~~ acid **POB 8 hrs. 32 BO 1 B** Bbls.
to estab. 24 hr. 300 pot. of 96 bbls.
 Dry Gas Well Press. Volume Cu. ft.
 Casing Head Gas Pressure Volume Cu. ft.
 Braden Head (**3-5/8" 5 1/2" OD**) Gas Pressure Volume Cu. ft.
 Braden Head () Size Gas Pressure Volume Cu. ft.

PRODUCING FORMATION **Arbuckle Lime** Top **3790'** Bottom **3797'** TOTAL DEPTH **3797'**
 (Name)

CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
8-5/8" 28	BR	1637'					53	1644	0	J55 R2 J3	A	650	Halliburton
5-1/2" 15 1/2	BR						94	3628	0	J55 R3 B3	A		
5-1/2" 17	BR	3792'					6	189	0	J55 R2 B3	C	200	Halliburton
(8-5/8" casing set 6' in cellar and 5 1/2" cased to derrick floor)													
(5 1/2" casing perforated from 3788'-92' with 24 holes, from 3780'-86' with 51 holes)													

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 12 1968
 CONSERVATION DIVISION
 Wichita, Kansas

Liner Set at Length Perforated at
 Liner Set at Length Perforated at
 Packer Set at Size and Kind
 Packer Set at Size and Kind

SHOT OR ACID TREATMENT RECORD

Date	FIRST		SECOND		THIRD		FOURTH	
	Shot	Between	Shot	Between	Shot	Between	Shot	Between
7-1-49	300	3788 Ft. and 3792 Ft.	300	3780 Ft. and 3786 Ft.				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Hoebner shale	3436'						
Lansing Lime	3474'				3510'	3599'	See remarks
Conglomerate	3700'						
Simpson shale	3776'						
Arbuckle Lime	3790'				3790'	3797'	fair por. and saturation

CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st					See Reverse for other details.
2nd					" " " " "
3rd					" " " " "
4th					" " " " "

PLUGGING BACK AND DEEPENING RECORDS

	Date Commenced	Date Completed	No. Feet Plugged Back or Deepened	Prod. Before	Prod. After	REMARKS
1st						See Reverse for other details.
2nd						" " " " "
3rd						" " " " "
4th						" " " " "

(See Reverse for Record of Formation)

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil, sand and shells	0	100	
Lime	100	1200	
Lime and shells	1200	1628	
Anhydrite	1628	1638	TOP ANHYDRITE 1628'
Reraced 9-7/8" hole to 12-1/4"			
Anhydrite	1638	1635	
Shale and sand	1685	1750	
Shale and shells	1750	2615	
Shale	2615	2760	
Shale and lime	2760	3315	(3250'-61', granular lime, fair porosity with fair to poor saturation)
Lime	3315	3655	(3584-90' same with fair porosity and saturation)
			TOP LIMESTONE SHALE 3436'
			TOP LIMESTONE LIME 3474'
			(3510-14' oolitic lime w/ fair to good porosity and saturation; 3526'-31' same; 3555'-59' same w/ good porosity and spotted oil stain)
Lime and shale	3655	3790	TOP CONGLOMERATE 3700'
			TOP LIMESTONE SHALE 3776'
Fine to medium crystalline dolomite	3790	3797	TOP ANHYDRITE LIME 3790'
			Fair porosity and saturation Van Schlumberger Survey
TOTAL DEPTH		3797'	

Set and cemented 189' of 5 1/2" OD, 17 1/2, SR thd., J-55, R-2, Seamless steel Youngstown casing, and 1528' of 5 1/2" OD, 15 1/2, SR thd., R-2 & 3, J-55, JAL S.S. casing at 3792' with 200 sacks of cement and 4 sacks of aquagel. Finished operating at 5:00 a.m. 6/12/49.

On June 29, removed in and rigged up cable tools and bailed the hole dry on June 29, and 5 1/2" casing tested OK. Drilled cement plug and cleaned out to bottom, slight show of oil. No fill up.

On June 30, perforated 1/2" casing by Lane-wells from 3788' to 3792' with 24 holes. Bailed and tested 6 hours, 1/8 bbl. of oil and 1/2 barrel of water. On July 1, ran 2" tubing and treated with 300 gallons of Dowell "K&K-18 W-17" acid as follows:

ACID TREATMENT No. 1 - Between 3788' and 3792'

Treatment put in 7/1/49 by Dowell, using 300 gallons of acid and 89 1/2 barrels of oil to fill hole and flush.

TIME	DEPTH	DEPTH	REMARKS
3:45 pm			Filled hole with 82 barrels of oil
3:48 pm			Start acid
4:00 pm	200		Acid on bottom
4:40 pm	600	500	42 gallons of acid in formation
6:00 pm	650	700	136 gallons of acid in formation
6:30 pm	700	670	220 gallons of acid in formation
			Mudged hole with 95 1/2 barrels of oil and treatment completed

*6:53 pm - 550' 550' 300 gallons of acid in formation
Swabbed out oil used in acidizing, then ran rods and POG 14 hours, 57 barrels of oil and 1.65 water. On July 3, POG 24 hours, 60 barrels of oil and 1.25 barrels water. On July 4, POG 16 hours, 40 barrels of oil and 1 barrel of water.

On July 5, POG 8 hours on State Corporation Commission potential test, 31.96 barrels of oil and 1 barrel of water to establish 24 hour potential of 26 barrels. This potential allows 25 barrels per day for the remainder of July, 1949.

On July 6, pulled rods and tubing and perforated 5 1/2" casing from 3780' to 3786' with 51 holes by Lane-wells, no increase in fluid. Ran 2" tubing and set Lane-wells hook wall packer at 3787' and on July 7, treated with 300 gallons of Dowell "K&K-18 W-17" acid from 3780' to 3785' as follows:

ACID TREATMENT No. 2 - Between 3780' and 3786'

Treatment put in 7/7/49 by Dowell Inc., using 300 gallons of acid and 52 1/2 barrels of oil to fill hole and flush.

TIME	DEPTH	DEPTH	REMARKS
4:55 am			Filled hole with 45 barrels of oil
5:02 am			Start acid
5:10 am	200		Acid on bottom, start flush
6:20 am	600	425	20 gallons of acid in formation
8:30 am	800	625	50 gallons of acid in formation
11:00 am	1050	875	146 gallons of acid in formation
12:00 m	1100	1100	300 gallons of acid in formation
			Flushed hole with 7 1/2 barrels of oil and treatment completed