

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittig Building
Wichita, Kansas

Barber County, Sec. 5 Twp. 33S Rge. (E) 12 (W)

Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C. SW/4 NW/4

Lease Owner Skelly Oil Company

Lease Name Boggs "D" Well No. 2

Office Address Box 1650, Tulsa, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed May 1, 19 51

Application for plugging filed May 1, 19 51

Application for plugging approved May 2, 19 51

Plugging commenced May 2, 19 51

Plugging completed May 2, 19 51

Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Mr. C. D. Stough

Producing formation Depth to top Bottom Total Depth of Well 5067' Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	OD Size	Put In	Pulled Out
Arbuckle Lime	Dry	5004'	5067'	8-5/8"	417'0"	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

50 sacks of cement 5067' to 4902'
Mud laden fluid 4902' to 400'
20 sacks of cement 400' to 334'
Mud laden fluid 334' to 30'
10 sacks of cement 30' to 6'
Surface soil 6' to 0'

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MAY 16 1951
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to Skelly Oil Company
Address Box 391
Hutchinson, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.

H. E. Wamsley (employee of owner) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

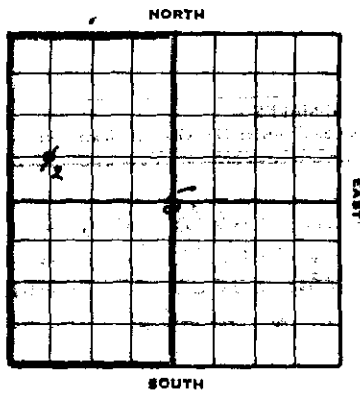
(Signature) [Signature]
Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 15th day of May, 1951

My commission expires April 7, 1955

[Signature] Notary Public.

PLUGGING
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SKELLY OIL COMPANY

Well Record

Lease Name and No. **Boggs "D" #30636** Well No. **2** Elev. **1664' DF**
 Lease Description **W/2 Section 5-332-12N,**
Barber County, Kansas (320 Acres)
 Location made **March 23,** 19 **51** by **Barber County Engineer**
 feet from North line _____ feet from East line **NW/4**
660 feet from South line **660** feet from West line of **Sec. 5**

Work com'd. **3/26** 19 **51** Rig com'd. **3/27** 19 **51** Drlg. com'd. **3/28** 19 **51** Drlg. com'd. **4/30** 19 **51**
 Rig Contractor **Chas. Hulme Drilling Company**
 Drilling Contractor **Chas. Hulme Drilling Company, Tulsa, Oklahoma**
 Rotary Drilling from **0'** to **5067'** Cable Tool Drilling from _____ to _____

Commenced Producing **DRY HOLE** 19 _____
 Initial Prod. before shot or acid _____ Bbls.
 Initial Prod. after shot or acid _____ Bbls.
 Dry Gas Well Press. _____ Volume _____ Cu. ft.
 Casing Head Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____ Size) Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____ Size) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION **DRY HOLE** (Name) Top _____ Bottom _____ TOTAL DEPTH **5067'**

CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Its.	Feet	In.	Its.	Feet	In.			Sacks Used	Method Employed
8-5/8"	24.8	PE	423'				10	417	0	R3 BS	B	250	Halliburton
(8-5/8" casing set 6' in collar)													

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	
	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.
Acid Used		Gals. Qts.		Gals. Qts.		Gals. Qts.		Gals. Qts.
Size Shot								
Shot Between								
Size of Shell								
Put in by (Co.)								
Length anchor								
Distance below Cas'g								
Damage to Casing or Casing Shoulder								

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Tonganoxie Sand	3866'				3865'	3869'	Show oil & gas saturation
Lansing Lime	3964'						
Mississippi Chert	4525'						
Red Zone	4545'						
Kinderhook	4700'						
Hiscner	4806'						
Viola lime	4808'						
Simpson Sand	4914'						
Arbuckle Lime	5004'						

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	WOP	BOTTOM	REMARKS
Surface soil and shale	0		175	
Red bed, shale and shells	175		423	Set and cemented 8-5/8" OD, 2 1/2" R-3, P.E., S.S. casing (B bond,) at 423' with 250 sacks of cement and 10 sacks of aquagel. Cement circulated.
Shale and red bed	423		1000	
Salt	1000		1080	
Shale	1080		1460	
Lime and shale	1460		1530	
Shale and shells	1530		1900	
Lime	1900		2065	
Lime and shale	2065		2225	
Sandy lime	2225		2270	
Shale	2270		2290	
Shale and lime	2290		3050	
Lime	3050		3425	
Lime and shale	3425		3750	
Shale	3750		3785	
Shale and lime	3785		3865	TOP TONGANORIE SAND 3865'
Medium grained porous sand	3865		3869	
Sand and shale	3869		3880	

Show of oil and gas saturation
 Ran Halliburton drill stem test, packer set at 3866', used 14' anchor, gas to surface in 2 mins., gas gauged 210 M.C.F. Tool open 1 hour, recovered 1500' salt water and 4' of free oil, DHP-1200'.
 On April 13, conditioned hole and ran Schlumberger Survey. At this time the well was deepened as follows:

Shale and lime	3880		3907	
Sand	3907		3945	
Lime	3945		4415	TOP LANING LINE 3945'
Lime and shale	4415		4480	
Lime	4480		4500	
Lime and chert	4500		4525	TOP MISSISSIPPI CHERT 4525'
Light grey cherty lime w/ light porosity and spotted oil stain	4525		4527	(4525'-28', spotty black oil stain and saturation, porosity very poor.)
Lime	4527		4645	TOP RED ROCK 4545'
Chert	4645		4672	
Lime	4672		4700	TOP WINDY HOLE 4700'
Lime and shale	4700		4730	TOP WISNER 4706'
Shale	4730		4795	TOP VIOLET LINE 4706'
Lime and sand	4795		4805	No porosity
Very tight dolomite	4805		4895	TOP SIMPSON SHALE 4806'
Lime	4895		4912	TOP SIMPSON SAND 4910'
Stringers of sand and shale	4912		4954	
Grey, medium grained, very light sand	4954		4960	No shows
Shale w/ thin scattered sand streaks	4960		4970	Ran Halliburton drill stem test, packer set at 4900', open 40 mins., recovered 12' of drilling mud, no DHP.

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Sand	4960		4963	
Sand and shale	4963		5004	TOP BRUCKLE LINE 5004'
Fine granular to fine medium crystalline, slightly porous dolomite	5004		5052	No shows
Fine to medium crystalline sandy dolomite	5052		5067	No shows
TOTAL DEPTH			5067'	Spotted fresh mud from 5067' to 3500' and ran Schlumberger Survey.

Since no shows of either oil or gas in commercial quantity were encountered in drilling to total depth of 5067', regular authority was granted to plug and abandon the well on May 1, 1951.

On May 2, 1951, the well was plugged as follows:

REMARKS	DATE COMPLETED	DATE COMMENTED
50 sacks of cement	5067' to 4902'	
Mud laden fluid	4902' to 400'	
20 sacks of cement	400' to 334'	
Mud laden fluid	334' to 30'	
10 sacks of cement	30' to 6'	
Surface soil	6' to 0'	

REMARKS	DATE COMPLETED	DATE COMMENTED

SLOPE TEST DATA

<u>DEPTH</u>	<u>ANGLE OF DEFLECTION</u>
350'	1/2 Degree
500'	1/2 "
750'	1/2 "
1000'	1/2 "
1250'	0 "
1500'	1/2 "
1750'	1/2 "
2000'	1/2 "
2250'	1/2 "
2500'	1/2 "
3000'	1/2 "
3470'	1/2 "
3675'	1/2 "
4000'	1/2 "
4250'	1/2 "
4500'	1 "
4859'	1/2 "

WATER ANALYSIS

Pawhuska Research Laboratory

Sample No. 5288
Water from depth of 3665'

Analysis No. 2303

Received 4/16/51

Analysis Completed: 4/20/51

Chlorides as Cl. 138,800 ppm
as NaCl. 228,800 ppm

Sulfates as SO₄. 61 ppm
as CaSO₄ 87 ppm

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