

WELL PLUGGING RECORD

	1		
	3 1/2		

Pratt County. Sec 36 Twp 27S Rge. (E) 11. (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C NE/4 SE/4 NW/4
Lease Owner Skelly Oil Company
Lease Name G. D. Miller Well No. 6
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed April 1, 1949
Application for plugging filed April 4, 1949
Application for plugging approved April 6, 1949
Plugging commenced April 22, 1949
Plugging completed April 28, 1949
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 com-
menced?..... Yes.....

Name of Conservation Agent who supervised plugging of this well. Mr. C. D. Stough
Producing formation None Depth to top Bottom Total Depth of Well 3555 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

[illegible]

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.

Bridging plug		3170'
Bridging plug		2971'
Bridging plug		2570'
Bridging plug		2150'
5 sacks of cement	2150'	to 2114'
Mud laden fluid	2114'	to 340'
20 sacks of cement	340'	to 276'
Mud laden fluid	276'	to 32'
10 sacks of cement	32'	to 6'
Surface soil	6'	to 0'

RECEIVED

Conservation-Div.

MAY 20 1949

STATE CORPORATION
COMMISSION

(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) ~~or owner or operator~~ 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)

Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 19th day of May, 19 49

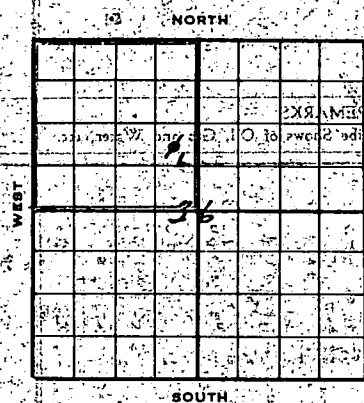
My commission expires.....April 7, 1951

.....
Notary Public

22-5138-s

9-48-10M

PLUGGING
FILE SEC 36187 R 11W
BOOK PAGE 89 LINE 44



SKELLY OIL COMPANY

Well Record		FORMATION	
Lease Name and No.	G. D. Miller 7929	Well No.	6
Lease Description	15/4 Section 36-278-117, Pratt County, Kansas		
Location made	February 14, 1949	by	G. A. Hichter
feet from North line	330	feet from East line	317/4
feet from South line	990	feet from West line of	Sec. 36
Work com'd	2/19 1949	Rig com'd	2/22 1949
Drig. com'd	2/22 1949	Drig. com'd	3/23 1949
Rig Contractor	Charles Hulce Drilling Company		
Drilling Contractor	Charles Hulce Drilling Company, Great Bend, Kansas		
Rotary Drilling from	209	to	3474' JLI
Cable Tool Drilling from	3474'	to	3555'
Commenced Producing	11/1/49	19	
Initial Prod. before shot or acid			Bbls.
Initial Prod. after shot or acid			Bbls.
Dry Gas Well Press.		Volumes	Cu. ft.
Casing Head Gas Pressure		Volume	Cu. ft.
Braden Head (4-5/8" 231" OD)		Gas Pressure	Volume
Braden Head ()		Gas Pressure	Volume
PRODUCING FORMATION	11/1/49	Top	Bottom
TOTAL DEPTH 3555'			

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
5-5/8"	32 1/2	37	340'					12	337	0	440 R2 3 1/2 Q		250	Halliburton
3-1/2"	14 1/2	12	3473'		73	2113	0	48	1370	3	355 R2 3 1/2 A		300	Halliburton
											(Lot #67)			
15 1/2" casing perforated from 3110'-23' with 51 holes, 2900'-10 with 103 holes, 2329'-50", 119 holes, 2090'-2112', 21 holes.														

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

	FIRST	SECOND	THIRD	FOURTH
Date	3/20/49	3/23/49	3/31/49	
Acid Used	4000	4000	1000	
Size Shot	10 1/2	10 1/2	10 1/2	
Shot Between	3474 Ft. and 3490 Ft.	3495 Ft. and 3555 Ft.	3529 Ft. and 3550 Ft.	
Size of Shell	3500'	3555'		
Put in by (Co.)	Dewell Inc.	Halliburton	Halliburton	
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	
Rebner shale	3254'						
Douglas sand	3370'						
landing line	3452' JLI				3517	3524	2 1/2 gal. oil per hr.

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)

[illegible]

REMARKS
1. Shows of Oil, Gas and Water, etc. 2. 3-5/8" Op. 12" 3. 5-2" sandstone 4. casing at 340' cement.

No oil or gas
Bar Stillington drill stem lost
with pickers out at 3473', open
45 minutes, recovered 12' of
drilling mud.

For L. 1 mile line 3455' and
304' and cemented 52' on 14', 30
and 1-55, 2-2 (Loss 147) 1 cond.
Nevertheless steel casing at 3473' BLM
with 300 sacks of cement. Finished
cementing at 4:00 p.m. 3/12/49.

Distance below Casing or Casing Shoulder					
Length anchor					
Put in by (Co)					
Size of Shell					
Shot between					
Size of Shot					
Acid Used					
Date					

SIGNIFICANT
C
DIT from 3525'-24'
Milled 2 hours, 28 gallons of oil and 19 gallons of water per hour the saturation or porosity.

Billions of blanks on bottom
Billions of Jewell "KP-15" sold

07	containing 2000 gallons of acid between 3500' and 3935', and	
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oil, ran 27 gals. blanked and 8	2nd
Blacked tubing 30'.	3rd
th 60 barrels of oil, start acid	4th
PLUGGING BA	
id in formation	
Date Completed	Date Completed
id in formation	
id in formation	1st
id in formation	2nd
tubing 30' (2000 gals. in formation	3rd
f acid in formation	
f acid in formation, start flow	
acid in formation and treatment	

Swabbed out oil used in treating, then swabbed through tubing 16 hours, 10 barrels of oil and 31 barrels of water. On March 22, pulled tubing and bailed and tested 1 hour, 43 gallons of water and very small amount of oil per hour. Drilled deeper as follows:

Light gray sandy lime	3535	3535
Hard dark gray lime	3539	3542
Hard gray lime	3543	3549
Hard gray lime	3549	3552
Hard gray lime	3553	3555

TOTAL DEPTH 3555'

On March 23, ran 2" tubing with packer and set packer at 3495' and treated below packer with 4000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 2 - Between 3495' and 3555'

Treatment put in 3/23/49 by Halliburton, using 4000 gallons of acid and 35 barrels of oil to fill and flush hole.

TIME	CP	TP	REMARKS
10:10 pm	200	200	Filled hole with oil
10:20 pm			Start acid down tubing
10:30 pm	200	200	Acid on bottom
10:50 pm	200	200	350 gallons acid in formation
11:15 pm	300	300	350 gallons acid in formation
11:40 pm	300	300	350 gallons acid in formation
12:05 am	300	300	350 gallons acid in formation
12:35 am	300	300	350 gallons acid in formation
12:45 am	350	300	4000 gallons acid in formation, start flush
12:57 am	350	300	Flushed hole with oil and treatment completed

Swabbed out oil and acid water used in treating, then swabbed 5 hours, 1 1/2 barrels of oil and 28 barrels of water, swabbing off bottom. On March 29, swabbed through tubing 24 hours, 5 barrels of oil and 92 barrels of water.

On March 29, ran Gamma Ray Survey and set Lane-wells bridging plug at 3170'. Perforated 5 1/2" OD casing by Lane-wells from 3110' to 3125' with 51 holes, 50 shows. Bailed and tested 10 hours, 10 barrels of water per hour and no oil with 900' water in hole. On March 30, set Lane-wells bridging plug at 2971', then perforated 5 1/2" casing by Lane-wells from 2904' to 2940' with 100 holes. No shows from 2904' to 2931', hole filled 2300' with water from 2931' to 2940' in 1 hour. Set Lane-wells bridging plug at 2570' and bailed hole dry and on March 31, perforated 5 1/2" casing by Lane-wells from 2529' to 2550' with 119 holes. Tested 1 gallon of water and no oil per hour. Treated through 5 1/2" casing with 1000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 3 - Between 2529' and 2550'

Treatment put in 3/31/49 by Halliburton, using 1000 gallons of acid and 63 barrels of oil to flush.

TIME	CP	TP	REMARKS
3:40 pm			1000 gallons of acid in casing
3:45 pm			Start oil in to force acid into formation
4:00 pm	400	0	Hole loaded
4:05 pm	350	0	200 gallons acid in formation
4:10 pm	300	0	500 gallons acid in formation
4:17 pm	200	0	1000 gallons acid in formation

Swabbed out oil and acid water used in treating, then swabbed 4 hours, 20 barrels of water and no oil per hour. On April 1, set Lane-wells bridging plug at 2170' and perforated 5 1/2" OD casing by Lane-wells from 2090' to 2112' with 21 holes. Hole filled 1500' with acid and water in 30 minutes. Operations were shut down at this point, and regular authority was granted to plug and abandon the well. Moved out cable tools while waiting on machine to plug.

Moved in machine and plugged the well as follows:

Bridging plug	2150'
5 sacks of cement	2150' to 2114'

Ripped off and pulled 73 joints (2113') of 5 1/2" OD 14#, GS end, J55, R-2, seamless steel casing

End inner fluid	2114' to 340'
20 sacks of cement	340' to 276'
End inner fluid	276' to 32'
10 sacks of cement	32' to 6'
Surface soil	6' to 0'

Plugged and abandoned April 23, 1949.

LOGS AND DATA: Tests were taken at 250' intervals from 250' to 3000' with 1/2 degree deviation shown at 2750'.

Kelly Oil Company Laboratories
El Dorado, Kansas

Sample No. C-49-4-15
Marked: Water Sample 1, 5/11/49 - 3370' to 3411'
Sample Received: 5/15/49

NO. 1000000000
MAY 20 1949
CORRELATION DIV.

	Parts per Million	Grains per Gallon	Percent by Weight
Chlorides expressed as NaCl.	246,499	14,400	24.65
Chlorides expressed as Cl.	147,524	8,735	15.45
Sulphates expressed as CaSO ₄	1461.7	81.2	.1402
Sulphates expressed as SO ₄	939.0	57.8	.0989

Sample No. C-49-4-15
Marked: Water Sample 2, 5/20/49 - 2900' to 2940'
Sample Received: 6/5/49

Chlorides expressed as NaCl.	245,075	14,300	24.32
Chlorides expressed as Cl.	147,447	8,614	14.74
Sulphates expressed as CaSO ₄	615.03	38.83	.0644
Sulphates expressed as SO ₄	455.03	28.63	.0456

Sample No. C-49-4-14
Marked: Water Sample 1, 5/20/49 - 3476' to 3424'
Sample Received: 6/5/49

Chlorides expressed as NaCl.	229,381	13,400	22.94
Chlorides expressed as Cl.	139,140	8,128	13.91
Sulphates expressed as CaSO ₄	354.83	20.35	.0357
Sulphates expressed as SO ₄	251.75	14.71	.0257

Sample No. C-49-4-12
Marked: Water Sample 1, 4/5/49 - 2529' to 2530'
Sample Received: 4/5/49

Chlorides expressed as NaCl.	259,652	14,600	25.97
Chlorides expressed as Cl.	145,371	8,492	14.54
Sulphates expressed as CaSO ₄	1271.2	74.25	.1271
Sulphates expressed as SO ₄	895.86	52.39	.0896

Sample No. C-49-4-13
Marked: Water Sample 2, 4/2/49 - 2121' to 2130'
Sample Received: 4/5/49

Chlorides expressed as NaCl.	198,569	11,600	19.86
Chlorides expressed as Cl.	120,450	7,036	12.06
Sulphates expressed as CaSO ₄	339	339	.0003
Sulphates expressed as SO ₄	239	239	.0024

PLUGGING
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