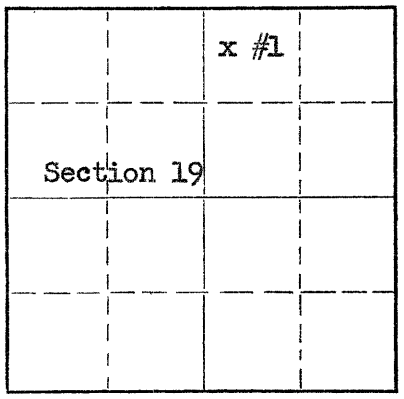
STATE OF KANSAS
STATE CORPORATION COMMISSION

15-153-05157-00-00

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Rawlins County. Sec. 19 Twp. 1S Rge. 34 (E) (W)
Location as "NE/CNW¼SW¼" or footage from lines Center NW/4 NE/4 NE/4
Lease Owner Skelly Oil Company
Lease Name A. E. Skolout Well No. 1
Office Address P. O. Drawer 310, Sterling, Colorado
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed November 16, 19 59
Application for plugging filed May 26, 19 60
Application for plugging approved May 31, 19 60
Plugging commenced August 13, 19 60
Plugging completed August 15, 19 60
Reason for abandonment of well or producing formation Non-Profitable to operate.
If a producing well is abandoned, date of last production December 1, 19 59
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 A. D. Fabricius
Producing formation Lansing Lime Depth to top 4078' Bottom 4370' Total Depth of Well 4390' Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS — CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Council Grove	Dry	3432'	3878'	8-5/8"OD	440'	0
Topeka Lime	Dry	3878'	4023'	5-1/2"OD	4385'	2768'
Heebner Shale	Dry	4023'	4028'			
Leavenworth	Dry	4028'	4078'			
Lansing Lime	Oil	4078'	4370'			
Marmaton	Dry	4370'	4390'			
Produced from Lansing formation, Casing perforations 4185' - 4191'.						

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.

4317' - 4307' - Spotted 10 gallons of gravel.
4307' - 4283' - Spotted 3 sacks regular cement.
4283' - 446' - 10# drilling mud.
446' - 441' - Spotted 13 gallons of gravel.
441' - 364' - Spotted 25 sacks regular cement.
364' - 40' - 10# drilling mud.
40' - 35' - Spotted 13 gallons of gravel.
35' - 7' - Spotted 10 sacks regular cement.
7' - Ground Level - Dirt.

RECEIVED
STATE CORPORATION COMMISSION
AUG 29 1960
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Donnelly Casing Pulling Company 8-29-960
Address Sterling, Colorado

STATE OF Colorado, COUNTY OF Logan, ss.
K. S. Lee (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) K. S. Lee

P. O. Drawer 310, Sterling, Colorado
(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of August, 1960

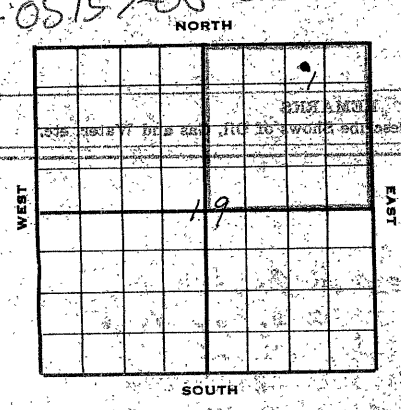
Ralph E Feliz Jr
Notary Public.

My commission expires My Commission expires June 26, 1961

5441

Form N47A Rev.

15-153-05157-00-00



SKELLY OIL COMPANY

Well Record

Lease Name and No. A. E. Skolout Well No. 1 Elev. 3178'DF

Lease Description NE/4 Section 19-18-34W, Kearney County, Kansas (160 Acres)

Location made Sept. 21, 19 59 by C. W. Huff

330 feet from North line 990 feet from East line } NE/4
feet from South line feet from West line } of Sec. 19

Work com'd 9/26 19 59 Rig comp'd 9/27 19 59 Drlg. com'd 9/27 19 59 Drlg. comp'd 10/23 19 59

Rig Contractor Claude Wentworth Drilling Co., Inc.

Drilling Contractor Claude Wentworth Drilling Co., Inc., Salem, Ohio.

Rotary Drilling from 0' to 4390' Cable Tool Drilling from To complete to

Commenced Producing November 16, 19 59 { Initial Prod. before shot or acid Bbls.
Initial Prod. after shot or acid For 24 hrs. to estim. Bbls.
800 potential of 28 barrels oil and 21 bw

Dry Gas Well Press. Volume Cu. ft.

Casing Head Gas Pressure Volume Cu. ft.

Braden Head (Size 8-5/8"x5½"OD) Gas Pressure Volume Cu. ft.

Braden Head (Size) Gas Pressure Volume Cu. ft.

PRODUCING FORMATION Lansing Lime (Name) Top 4185' Bottom 4192' TOTAL DEPTH 4390' PB 4215'

CASING RECORD

On Size	Wt.	Thds.	Where Set	PULLED OUT Jts.	Feet	In.	LEFT IN Jts.	Feet	In.	KIND	Cond'n	CEMENTING Sacks Used	Method Employed	
8-5/8"	22.7	SJ	446				11	440	0	Armco 8W	A	300	Halliburton	
5-1/2"	14#	ER	4389				141	4385	0	J55 K2 SS	A	250	Halliburton	4422'GL
(8-5/8" casing cut off 4' below ground level, and 5½" cut off at ground level)														
5½" casing perforations open: Above PB TD: 4185'-4192' with 24 holes														
Below PB TD: 4234'-38', 16, 4262'-4272'/20, 4311'-4320'/36 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	10/22/59	10/23/59	10/25/59	
Acid Used Size Shot	250 Gals. Qts.	250 Gals. Qts.	750 Gals. Qts.	Gals. Qts.
Shot Between	4311 Ft. and 4320 Ft.	4161 Ft. and 4191 Ft.	4161 Ft. and 4191 Ft.	Ft. and Ft.
Size of Shell	15%	15%	15%	For remaining
Put in by (Co.)	Halliburton	Halliburton	Halliburton	treatments
Length anchor				see remarks
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Council Grove	3432'						
Topeka Lime	3876'						
Heebner Shale	4023'						
Leavenworth	4028'						
Lansing Lime	4074				4185' 4191'		Prod. thru csg. perf.
Kansas	4370'						

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 Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil, rock and clay	0	370	
Clay and shells	370	455	Set and cemented 8-5/8" OD, 22.7#, Armco S.W., S.J. steel casing (A cond.) at 446' with 300 sacks of Pozmix cement. Cement circulated. Finished 9:00 am 9/28/59.
Shale	455	2270	
Shale and pyrites	2270	2455	
Shale	2455	2540	
Shale, pyrites and sand	2540	2670	
Shale, pyrites and anh	2670	2740	
Shale	2740	3145	
Shale and lime	3145	3984	TOP COUNCIL GROVE 3432'
			TOP TOWANDA LIME 3978'
Lime	3984	4078	TOP ELMDALE 4023'
			TOP MAYWOOD 4028'
			TOP PANOLA LIME 4078'
Lime, buff to medium crystalline, vuggy and fossiliferous	4078	4095	Good porosity, fair spotted stain, show of free oil.
Lime	4095	4097	
Sand, tan to light gray, medium grained quartzitic	4097	4102	Fair porosity, fair stain, free oil
Lime	4102	4131	
Lime, tan to cream, medium crystalline, oolitic, fossiliferous and vuggy	4131	4139	Fair porosity, fair stain, good show of free oil
Lime	4139	4150	DRILL STEM TEST NO. 1 4122'-4150', open 1 hour, weak blow, dead in 6 mins., recovered 2' of heavy black oil, 60' oil cut mud, IHP-1255# in 30 mins., IFP-20#, FFP-55#, FHP-1235# in 30 minutes.
Lime	4150	4163	
Lime, cream, medium crystalline and vuggy	4163	4191	Fair porosity, fair spotted stain, show free oil.
Lime	4191	4200	DRILL STEM TEST NO. 2 4160'-4200', open 1 hour, fair blow throughout, no recovery, tool did not close, lost circulation while pulling tester, IHP-1165#, IFP-420#, FFP-550#, FHP-560#. Regained circulation.
Lime	4200	4205	DRILL STEM TEST NO. 3 4165'-4205', open 1 hour, weak blow dead in 21 mins. recovered 10' free oil, 150' oil and gas cut mud, IHP-1135# 30 mins., IFP-45#, FFP-90#, FHP-795# in 30 mins.
Lime and shale	4205	4390	BASE KANSAS CITY 4342' TOP MIRAMICHI 4370'
TOTAL DEPTH 4390'			Ran Schlumberger Survey

Total Depth Reached: 10/13/59

Set and cemented 5½"OD, 14#, SH cpd., R-2, J-55, S.S. casing (A cond.) at 4389' with 250 sacks of B.O.W. cement, used 130 barrels of oil gelled with 130 sacks of Howco Gel ahead of cement, oil circulated. Finished cementing at 5:00 pm 10/15/59. Ran Halliburton Temperature Survey and found top of cement behind 5½" casing at 2790'.

Rigged up cable tools on October 21, and swabbed the hole down to top of float collar at 4354'.

Casing Perforation No. 1 - Lansing Lime - 4311'-4320'
4311'-4320' 36 type "B" holes

No shows. Treated through 5½" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 1 - Acidized - 4311'-4320'

Treatment put in 10/22/59 by Halliburton, using 250 gallons of acid and 106 barrels of water.

TIME	CP	TP	REMARKS
12:20 am	200#		Acid on formation
1:00 am	200#		
2:35 am	300#		Treatment completed

Swabbed through 5½" casing 3 hours, 95 barrels of water used in treating. On October 22, swabbed through 5½" casing 30 minutes, 11 barrels of water used in treating. Swabbed 5½ hours, 37 barrels of oil (30.4° gravity), 137 barrels of water, swabbing to bottom.

Set Lane-Wells bridging plug at 4280' and swabbed and bailed the hole dry.

Casing Perforation No. 2 - Lansing Line - 4267'-4272'

4267'-4272' 20 Type "H" holes

(Left bottom 2' of 4" Lane-Wells perforating gun in hole) 1000' fluid in hole in 1 hour. Swabbed through 5½" casing 4 hours, 13 barrels of oil and 60 barrels of water, swabbing to bottom (20 barrels of fluid per hour, 17% oil). Fished out part of perforating gun, unable to get balance of gun.

Set Lane-Wells bridging plug at 4210'. Swabbed and bailed the hole dry.

Casing Perforation No. 3 - Lansing Line - 4185'-4191'

4185'-4191' 24 Type "H" holes

Tested dry. Treated through 5½" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 2 - Acidized - 4181'-4191'

Treatment put in 10/25/59 by Halliburton, using 250 gallons of acid and 103 barrels of oil.

TIME	CP	TP	REMARKS
2:00 am	150#		Acid on formation
2:30 am	250#		
3:00 am	350#		
3:30 am	450#		
4:10 am	450#		Treatment completed

Swabbed through 5½" casing 2 hours, 103 barrels of water used in treating. Bailed 3 hours, 2½ gallons of oil and 20 gallons of acid water per hour. Reacidized through 5½" casing with 750 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 3 - Acidized - 4181'-4191'

Treatment put in 10/25/59 by Halliburton, using 104 barrels of oil and 750 gallons of acid.

TIME	CP	TP	REMARKS
2:15 pm	150#		Acid on formation
2:30 pm	400#		
2:40 pm	500#		
2:55 pm	600#		
3:10 pm	650#		Treatment completed

Swabbed 1 hour through 5½" casing, 104 barrels of oil used in treating. Then swabbed 6 hours, 6 barrels of oil and 6 barrels of water. Bailed 3 hours, 1 barrel of oil per hour, 1/2 barrel of water.

Set Lane-Wells bridging plug at 4150'. Swabbed and bailed the hole dry.

Casing Perforation No. 4 - Lansing Line - 4132'-4140'

4132'-4140' Type "H" holes

No shows. Treated through 5½" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 4 - Acidized - 4132'-4140'

Treatment put in 10/26/59 by Halliburton, using 250 gallons of acid and 101 barrels of oil.

TIME	CP	TP	REMARKS
2:30 pm	150#		Acid on formation
3:00 pm	200#		
3:30 pm	300#		
4:00 pm	500#		
4:25 pm	450#		Treatment completed

Swabbed through 5½" casing 1 hour, 101 barrels of oil used in treating. Then swabbed 13 hours, 33 barrels of oil and 145 barrels of water.

Ran 2" tubing and set DM retainer at 4100'. Cemented off perforations from 4132' to 4140' with 150 sacks of S.C.M. cement, 140 sacks below retainer at 2200#-TP. Reversed out 10 sacks of cement. Finished at 5:00 am 10/27/59 and pulled 2" tubing and shut down for cement to set.

On October 30, swabbed and bailed the hole dry to top of DM retainer at 4110' and hole tested dry. Drilled retainer and cement plug to 4135'.

Casing Perforation No. 5 - Lansing Lime - 4132'-4134'
4132'-4134' 8 type "D" holes

Tested dry. Treated with 200 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 5 - Acidized - 4132'-4134'
Treatment put in 10/30/31 by Halliburton, using 200 gallons of acid and 101 barrels of water.

TIME	CP	TP	REMARKS
5:13 am	0#		Start acid
5:35 am	0#		Acid on formation
6:30 am	100#		
6:35 am	250#		
9:50 am	300#		
10:05 am	300#		Treatment completed

Swabbed through 5½" casing 1½ hours, 101 barrels of water used in treating. Then swabbed 4 hours, 1 barrel of oil and 27 barrels of water.

Ran 2" tubing and set DM retainer at 4110'. Cemented off perforations from 4132' to 4134' with 150 sacks of common cement, estimated 130 sacks below retainer at 3000#-TP. Reversed out estimated 20 sacks. Finished 5:00 am 11/1/59. Pulled tubing and shut down for cement to set. On November 1, swabbed and bailed the hole dry to top of DM retainer at 4110'.

Casing Perforation No. 6 - Lansing Lime - 4088'-4094'
4088'-4094' 24 type "D" holes

Tested dry. Treated through 5½" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 6 - Acidized - 4088'-4094'
Treatment put in 11/1/59 by Halliburton, using 250 gallons of acid and 101 barrels of water.

TIME	CP	TP	REMARKS
4:15 am	0#		Acid on formation
5:45 am	300#		
6:15 am	500#		
6:20 am	400#		
6:53 am	300#		Treatment completed

Swabbed through 5½" casing 2 hours, 101 barrels of water used in treating. Then swabbed 10 hours, 13 barrels of water with scum of oil.

On November 2, ran 2" tubing and set DM retainer at 4056'. Cemented off perforations from 4088' to 4094' with 150 sacks of Pozmix cement, estimated 142 sacks below retainer at 2000#. Reversed out 8 sacks, finished 4:00 pm 11/2/59. Pulled 2" tubing and shut down for cement to set. On November 5, drilled DM retainer and cement plug to 4087'.

Casing Perforation No. 7 - Lansing Lime - 4078'-4085'
4078'-4085' 28 type "D" holes

No shows. Treated through 5½" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 7 - Acidized - 4078'-4085'
Treatment put in 11/3/59 by Halliburton, using 250 gallons of acid and 102 barrels of water.

TIME	CP	TP	REMARKS
10:20 pm	100#		Acid on formation
11:30 pm	200#		
12:30 am	500#		
2:30 am	300#		
3:00 am	700#		
3:10 am	600#		
3:20 am	500#		Treatment completed

Swabbed through 5½" casing 3 hours, 102 barrels of water used in treating. Then swabbed through 5½" casing 7 hours, 1/4 barrel of oil and 14 barrels of water.

Ran 2" tubing and set BM retainer at 4048'. Cemented off perforations from 4076' to 4085' with 150 sacks of S.C.N. cement, 147 sacks below retainer at 2000#-TP. Reversed out 3 sacks, finished at 12:00 noon 11/7/59. Pulled tubing and shut down for cement to set.

On November 9, swabbed and bailed the hole dry to top of retainer at 4048'. drilled retainer and cement plug to 4110'. Drilled retainer at 4110' and cement from 4110' to 4150'. Drove bridging plug from 4150' to 4210'. Drilled and drove bridging plugs from 4210' to 4276' and bailed the hole clean.

Casing Perforation No. 6 - Lansing Line - 4234'-4238'
4234'-4238' 15 type "B" holes

Ran 2" tubing and set Halliburton straddle packers with bottom packer set at 4243' and top packer at 4212'. Swabbed through 2" tubing 2 hours, no shows. Treated through 2" tubing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 6 - Acidized - 4234'-4238'

Treatment put in 11/12/59 by Halliburton, using 250 gallons of acid and 17 barrels of water.

TIME	SP	TP	REMARKS
1:17 pm			Start acid
12:24 pm			Acid on formation
2:55 pm		300#	
3:25 pm		400#	
3:27 pm		Vac.	
3:36 pm		Vac.	Treatment completed

Swabbed through 2" tubing 1 hour, 17 barrels of water used in treating; then swabbed 3 hours, 38 barrels of water, no oil.

Pulled 2" tubing and packers and set Lane-Wells bridging plug at 4215'.

PLUGGED BACK TOTAL DEPTH 4215'

Swabbed through 5½" casing 9 hours, 6½ barrels of oil and 12½ barrels of water. Ran 2" tubing and rods and POB 5 hours, 7½ barrels of oil and 4.60 barrels of water.

On November 16, POB 24 hours on State Corporation Commission physical potential test, 27.64 barrels of oil (36° gravity) and 21.46 barrels of water, to establish 24 hour S.C.C. potential of 28 barrels. Daily allowable 28 barrels.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
500'	1/4 Degree
1000'	1/4 "
1500'	1/2 "
2000'	1/4 "
2500'	1/4 "
3000'	1/2 "
3500'	1/2 "
4000'	1/2 "