15-147-00041-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION

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

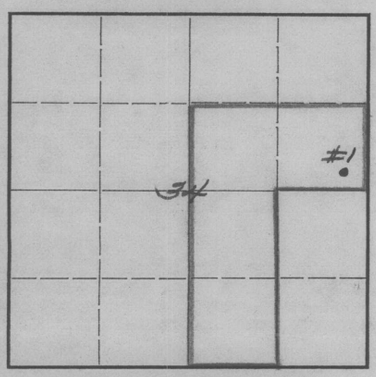
WELL PLUGGING RECORD

OR

FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging off formations.

NORTH



Locate well correctly on above Section Plat

Phillips County. Sec. 34 Twp. 5S Rge. (E) 19 (W)

Location as "NE¼NW¼SW¼" or footage from lines SE¼ SE¼ NE¼

Lease Owner Skelly Oil Company

Lease Name Sarah C. Thayer Well No. 1

Office Address 210-11 Wolcott Building, Hutchinson, Ks.

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

Date well completed January 23 19 45

Application for plugging filed January 29 19 45

Application for plugging approved February 2 19 45

Plugging commenced March 13 19 45

Plugging completed March 20 19 45

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 H. W. Kerr

Producing formation Depth to top Bottom Total Depth of Well 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
Lansing Lime	Water	3195'	3480	8-5/8"OD	251'3"	None
Arbuckle Lime	"	3480'	3503	5-1/2"OD	3509'11"	2679'0"

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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

75 sacks cement	3503' to 3398'
Mud laden fluid	3398' to 3150'
Wood plug and 2 sacks cement	3150' to 3130'
Mud laden fluid	3130' to 250'
Wood plug and 15 sacks cement	250' to 200'
Mud laden fluid	200' to 10'
Wood plug and 8 sacks cement	10' to 5'
Surface soil	5' to 0.

PLUGGING
FILE SEC 34 T 5 R 19W
BOOK PAGE 4 LINE 2

(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) H. E. Wamsley

Box 391, Hutchinson, Kansas

STATE CORPORATION COMMISSION RECEIVED APR 10 1945 CONSERVATION DIVISION

SUBSCRIBED AND SWORN TO before me this 6th day of April, 19 45

Notary Public.

My commission expires August 4, 1945.

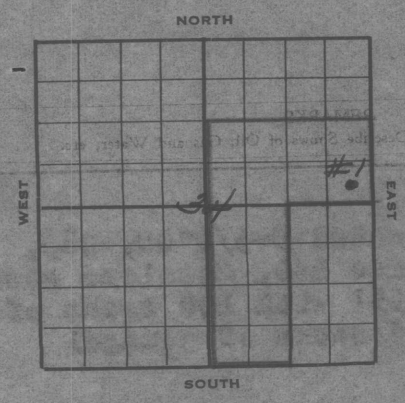
20-1300-s 11-43—10M

Form N47A Rev.

15-147-00041-00-00

SKELLY OIL COMPANY

Well Record



Lease Name and No. Sarah C. Thayer F29139 Well No. 1 Elev. 1982'

Lease Description S/2 NE/4 and W/2 SE/4
Section 34-3S-19W, Phillips Co., Kans

Location made October 31 1944 by Phillips Co. Engineer

feet from North line 330 feet from East line } S/2 NE/4
330 feet from South line feet from West line } of Sec. 34

Work com'd Nov. 7 1944 Rig comp'd Nov. 12 1944 Drlg. com'd Nov. 12 1944 Drlg. comp'd Jan. 1 1

Rig Contractor Sterling Drilling Company

Drilling Contractor Sterling Drilling Company, Sterling, Kansas

Rotary Drilling from Top to 3485' Cable Tool Drilling from 3485' to 3503'

Commenced Producing DRY HOLE 19 { Initial Prod. before shot or acid / Initial Prod. after shot or acid DRY HOLE

Dry Gas Well Press Volume

Casing Head Gas Pressure Volume

Braden Head (Size) Gas Pressure Volume

Braden Head (Size) Gas Pressure Volume

3503'
RTD
PRODUCING FORMATION DRY HOLE (Name) Top Bottom TOTAL DEPTH 3398'

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
8-5/8"on	28#	8R	255'				9	251	3	R2 H40 SB	A	100	Halliburton
5-1/2"on	14#	8R	3481'	87	2679	0	28	830	11	R2 H40 RSW	A	100	Halliburton
(8-5/8" Casing set 6' in cellar)													
5½" Casing Perforated: 47 holes from 3374-84'; 48 holes from 3320-36';													
24 holes from 3275-83'; 48 holes from 3257-77';													
36 holes from 3211-23'; 27 holes from 3238-54';													
35 holes from 3195-3207.													

STATE CORPORATION COMMISSION APR 10 1945 CONSERVATION DIVISION

Liner Set at Length Perforated at

Liner Set at Length Perforated at

Packer Set at Size and Kind

SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	January 8,1945	January 10,1945	January 13, 1945	
Acid Used Size Shot	1000 Gals. Qrts.	2500 Gals. Qrts.	750 Gals. Qrts.	
Shot Between	3374 Ft. and 3384 Ft.	3374 Ft. and 3384 Ft.	3320 Ft. and 3336 Ft.	Ft. and
Size of Shell				See body of
Put in by (Co.)	Dowell, Inc.	Dowell, Inc.		for further
Length anchor				acid treatme
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None	None		

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Lansing Lime	3204'				3265'	3280'	sli. por. & sat.
Arbuckle Lime	3480'				3483'	3485'	por. w/ sli. sat. & odo

CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st					See Reverse for other d
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 d
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.
urface soil, shale & sand	0	180	
hale and shells	180	255	Set and cemented 8-5/8"OD, 28#, Range 2, Grade H40, Seamless steel casing at 255' with 100 sacks of cement and 4 sacks of aquagel
hale, sand & shells	255	600	
hale and sand	600	1000	
ells, shale & sand	1000	1340	
hale and shells	1340	1910	
hale	1910	2140	
me	2140	2190	
me & shale	2190	2485	
me	2485	2540	
me and shale	2540	2835	
hale	2835	2860	
me	2860	2935	
ale	2935	2965	
me	2965	3440	TOP LANSING LIME 3204'
			Oolitic Lansing Lime 3265-80' slight porosity and saturation
ale	3440	3475	
d and dark shale with weathered chert & sand	3475	3485	TOP ARBUCKLE LIME 3480' SLM
ey and light brown dolomite	3485	3488	slight stain
ey and brown coarsely crystalline dolomite	3488	3490	Porous with slight saturation and odor
			Set and cemented 5½"OD, 14#, 8rd thd., Range 2, Grade H40, R.E.W. steel casing at 3481' SLM with 100 sacks of cement and 8 sacks of aquagel. Finished cementing at 6:00 PM November 27, 1944, and shut down waiting on cable tools. Moved in and rigged up cable tools and bailed the hole down on December 27, 1944, and 5½" casing tested OK. Drilled cement plug and cement job tested OK. Correction: 3490' SLM rotary table equals 3485' SLM derrick floor
	3490	3485	Tested 2 hours, no shows
ILLED:			
ey crystalline dolomite	3485	3488	slight porosity and stain
			Tested 10 hours, 1/3 barrel water per hour, no oil
e	3488	3499	Slight increase in water at 3499'
e	3499	3503	Hole full of water from 3501'-3503'

On January 2, 1945, ran 2" tubing and cemented off Arbuckle lime with 75 ks of cement by Halliburton, then pulled tubing and shut down for cement to . On January 6th bailed the hole dry and cement job tested OK. Top of cement g at 3298'. Drilled cement plug to 3398', then on January 6th perforated 5½" ing by Lane-Wells with 47 holes from 3374-84', slight show of oil from 3380-82'. rforated with 48 holes from 3320-36', no shows. Washed perforations with 2 rels acid after which had show of free oil, no fill up. Perforated with 24 es from 3375-83' and on January 8th ran 2" tubing with Lane-Wells hook wall ker and set packer at 3368', then treated with 1000 gallons of Dowell "XF17" d from 3374-84' as follows:

TREATMENT NO. 1 - Between 3374' and 3384'

Treatment put in January 8, 1945, by Dowell, Inc., using 1000 gallons acid 92 barrels oil to fill hole and to flush:

	CP	TP	REMARKS
0 PM	0#	50#	Hole filled with 78 barrels oil and started acid
5 PM	225#	300#	15 barrels acid in hole
2 PM	500#	200#	20 barrels acid in hole
6 PM	500#	300#	24 barrels acid in hole (1000 gallons)
0 PM	400#	400#	Hole flushed with 6 barrels oil
1 PM	400#	550#	Hole flushed with 14 barrels oil and treatment complete

After acid treatment, swabbed through 2" tubing 12 hours, 75 barrels of oil acid water, then ran rods and POB 12 hours, 25 barrels oil and no water and pumped off. On January 10th POB 12 hours, 9 barrels oil and no water, then ed rods and reacidized with 2500 gallons of Dowell "XF" acid as follows:

TREATMENT NO. 2 - Between 3374' and 3384'

Treatment put in January 10, 1945, by Dowell, Inc., using 2500 gallons acid 80 barrels oil to fill hole and to flush:

	CP	TP	REMARKS
PM			Hole filled with 65 barrels oil and started acid
PM	350#	250#	17 barrels acid in hole
PM	400#	300#	36 barrels acid in hole
PM	400#	250#	60 barrels acid in hole
PM	400#	500#	Hole flushed with 15 barrels oil and treatment complete

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After acid treatment, swabbed through 2" tubing 12 hours, 37 barrels oil and estimated 20 barrels acid water. Ran rods and POB 12 hours, 10 barrels oil and 6 barrels water. Pulled rods and tubing with packer, then reran tubing and set packer at 3355' and treated with 750 gallons of Dowell "XF20" acid from 3320' to 3336' as follows:

ACID TREATMENT NO. 3 - Between 3320' and 3336'

Treatment put in January 13, 1945, by Dowell, Inc., using 750 gallons of Dowell acid and 80 barrels of oil to fill hole and to flush:

TIME	GP	TP	REMARKS
5:15PM		300#	Hole filled with 66 barrels oil and started acid
5:30PM	125#	0#	14½ barrels acid in hole
5:33PM	175#	200#	18 barrels acid in hole and started oil flush
5:52PM	200#	250#	Hole flushed with 14 barrels oil and treatment complete

After acid treatment swabbed through 2" tubing 14 hours, 64 barrels oil and no water. Ran rods and on January 15th POB 24 hours, 7 barrels oil and 6 barrels water.

On January 16th pulled rods and tubing, bailed hole dry, and on January 17th tested 6 hours, 30 gallons fluid per hour, 80% water. Perforated 5½" casing with 48 holes from 3257-77', no shows; 36 holes from 3211-23', no shows, no increase in fluid; 27 holes from 3238-54', no shows; 35 holes from 3195' to 3207', no shows. On January 19th ran 2" tubing and treated with 1000 gallons of Dowell "XF20" acid from 3240-77' as follows:

ACID TREATMENT NO. 4 - Between 3240' and 3277'

Treatment put in January 19, 1945, by Dowell Acid Co., using 1000 gallons of Dowell acid and 100 barrels of oil to fill hole and to flush:

TIME	GP	TP	REMARKS
1:05 PM		150#	Hole filled with 84 barrels oil and started acid
1:15 PM	50#	0#	13 barrels acid in hole
1:25 PM	150#	250#	24 barrels acid in hole and started oil flush
1:41 PM	100#	175#	Hole flushed with 16 barrels oil and treatment complete

After acid treatment, swabbed through 2" tubing 24 hours, 74 barrels oil and 19 barrels water (oil used in treating). On January 21st ran rods and POB 12 hours, 4 barrels oil and 36 barrels water.

On January 22nd pulled rods and set packer at 3229', then treated from 3195' to 3223' with 1000 gallons of Dowell "XF" acid as follows:

ACID TREATMENT NO. 5 - Between 3195' to 3223'

Treatment put in January 22, 1945, by Dowell, Inc., using 1000 gallons of Dowell acid and 74 barrels of oil to fill hole and to flush:

TIME	GP	TP	REMARKS
5:05 PM	50#	50#	Hole filled with 60 barrels oil and started acid
5:16 PM	200#	0#	13 barrels acid in hole
5:23 PM	Vac.	Vac.	24 barrels acid in hole and started oil flush
5:28 PM	Vac.	Vac.	Hole flushed with 14 barrels oil and treatment complete

After acid treatment, swabbed through 2" tubing 14 hours, 74 barrels fluid, 15% water, balance oil used in treatment. On January 23rd ran rods and POB 24 hours, 72 barrels fluid, 90% water.

After this test regular authority was granted on January 26, 1945, to plug the well and abandon the location.

On March 13th General Oil Tool Company moved in and plugged the well as follows:

Cement plug	at 3398'
Mud laden fluid	3398' to 3150'
Wood plug and 2 sacks cement	3150' to 3130'
Mud laden fluid	3130' to 250'
Wood plug and 15 sacks of cement	250' to 200'
Mud laden fluid	200' to 10'
Wood plug and 8 sacks of cement	10' to 5'
Surface soil	5' to 0.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
250'	0 Degrees
500'	0 "
750'	0 "
1000'	0 "
1250'	0 "
1500'	0 "
1750'	0 "
2000'	0 "
2250'	0 "
2500'	0 "
2750'	0 "
3000'	0 "
3250'	0 "

PLUGGING
FILE 345 19W
BOOK PAGE 4 LINE 2

STATE CORPORATION COMMISSION
APR 10 1945
CONSERVATION DIVISION

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