

See

15-007-01590-00-00

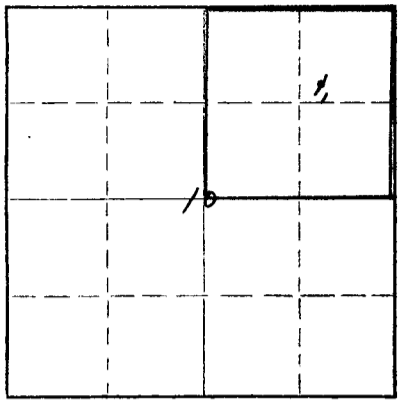
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

Barber County, Sec. 10 Twp 32S Rge. (E) 10 (W)
Location as "NE/CNW/SW" or footage from lines SW/4 NW/4 NE/4
Lease Owner Shelly Oil Company
Lease Name Mary Winter Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed September 22, 19 56
Application for plugging filed September 24, 19 56
Application for plugging approved September 25, 19 56
Plugging commenced October 1, 19 56
Plugging completed October 5, 19 56
Reason for abandonment of well or producing formation Dry Hole

NORTH



Locate well correctly on above
Section Plat

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 Dr. B. A. Givens
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4470 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
Mississippi Lime	Dry	4350'	4470'	8-5/8"	305' 0"	None
					4501' 3"	3826' 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 hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Cement	4386'	4386'
Sand	4386'	4340'
5 sacks of cement	4340'	4300'
Mud laden fluid	4300'	250'
Crushed rock	250'	245'
20 sacks of cement	245'	185'
Mud laden fluid	185'	35'
Crushed rock	35'	30'
10 sacks of cement	30'	6'
Surface soil	6'	0'

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

Name of Plugging Contractor Ice Pine Pulling Company
Address Box 304 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.
H. B. Wamsley (employee of owner) or (owner/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 30th day of October, 19 56

My commission expires April 7, 1959

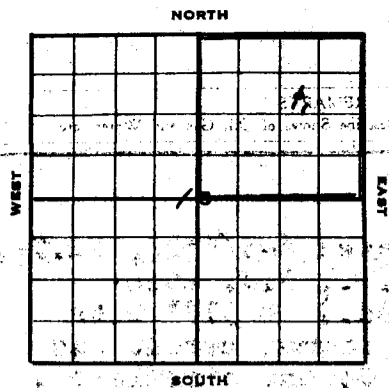
RECEIVED
STATE CORPORATION COMMISSION
Johnson
Notary Public.

OCT 31 1956
10-31-1956

CONSERVATION DIVISION
Wichita, Kansas
PLUGGING
FILE SEC 10 T 32 R 10 W
BOOK PAGE 102 LINE 11

15-007-01590-00-00

SKELLY OIL COMPANY



Well Record

1509' RB
1506' EF
Elev. 1497' BH

Lease Name and No. Mary Winter #58393 Well No. 1

Lease Description NE/4 Section 10-325-10W,
Barber County, Kansas (160 Acres)

Location made August 14, 1956 by T. L. Dix

990 feet from North line 990 feet from East line NE/4
feet from South line feet from West line of Sec. 10

Work com'd. 8/16 1956 Rig comp'd. 8/18 1956 Drlg. com'd. 8/18 1956 Drlg. comp'd. 9/3 1956

Rig Contractor Chas. Hulme Drlg. Contr.,

Drilling Contractor Chas. Hulme Drlg. Contr., Great Bend, Kansas

Rotary Drilling from 0' to 4470' Cable Tool Drilling from to complete to

Commenced Producing DRY HOLE 19 1956 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 4470'

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
	<u>8-5/8"</u>	<u>22.7 lb</u>	<u>317'</u>					<u>10</u>	<u>305</u>	<u>0</u>	<u>Arco SW</u>	<u>A</u>	<u>200</u>	<u>Halliburton</u>
	<u>5-1/2"</u>	<u>14 lb</u>	<u>4470'</u>	<u>07</u>	<u>1826</u>	<u>0</u>	<u>18</u>	<u>675</u>	<u>3</u>	<u>155 R2 SS</u>	<u>A</u>	<u>100</u>	<u>Halliburton</u>	

(8-5/8" casing set 7' in collar and 5 1/2" cased to derrick floor)

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	
	Gals.	Feet	Gals.	Feet	Gals.	Feet	Gals.	Feet
<u>9/8/56</u>	<u>300</u>	<u>400</u>	<u>500</u>	<u>4385</u>	<u>366</u>	<u>4385</u>		
<u>9/21/56</u>								
<u>9/22/56</u>								

Size of Shell

Put-in by (Co.) Halliburton Halliburton Halliburton

Length anchor (Vis-O-Frac)

Distance below Gas'g

Damage to Casing or Casing Shoulder

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Heebner Shale</u>	<u>3510'</u>						
<u>Douglas</u>	<u>3568'</u>						
<u>Lansing Line</u>	<u>3688'</u>						
<u>Armaton Line</u>	<u>4214'</u>						
<u>Mississippi Line</u>	<u>370'</u>						

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						" " " " "

Stamp: CONSERVATION DIVISION, Wichita, Kansas

(See Reverse for Record of Formation)

10-31-1956

YMAAMOD RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil, sand and shale	0	319	Set and cemented 5-5/8" OD, 22.7% R-3, Arco S.F., S.V. steel casing (4 cond.) at 317' with 200 sacks of common cement and 2% aqueol. Cement circulated.
Gyp and red clay	319	525	
Shale and shales	525	1025	
Shale	1025	1365	
Lime	1365	2175	
Lime and shale	2175	3170	
Lime	3170	3545	
Lime and shale	3545	3696	
Lime	3696	4328	
Lime and chert	4328	4355	
White, opaque translucent and very slightly tripolitic chert	4355	4393	
Lime and chert	4393	4396	
White, tripolitic chert	4396	4410	
Chert	4410	4422	
White tripolitic chert	4422	4448	
Chert	4448	4452	
Chert	4452	4470	

TOP WEBBER 3510'
 TOP DIJULAS 3568'
 TOP LANSING LINE 3686'
 BATE LANSAS CITY LINE 4152'
 TOP WARRIATION LINE 4214'
 TOP ALBERTA LINE 4350'

Poor to fair porosity with very slight spotted stain.
 Ran Halliburton drill stem test No. 1, packer set at 4355', used 38' anchor, open 2 hours, gas gauged surface in 5 minutes, gas gauged 28 W.C.F. throughout test, recovered 105' of gas and drilling mud, IFF-28%, FFP-28%, BHP-150% in 10 minutes.

Fair vuggy porosity, fair to good dark brown stain
 Ran Halliburton drill stem test No. 2, top packer set at 4396', bottom packer at 4412', used 10' of anchor, open 1 hour, fair blow throughout test, recovered 45' of oil and gas and watery mud, 45' of muddy salt water, IFF-30%, FFP-43%, BHP-1265%.

Fair to good porosity, fair to good dark brown stain.
 Ran Halliburton drill stem test No. 3, packer set at 4414', used 38' anchor, open 1 hour, strong blow throughout test, recovered 90' of slightly oil cut and gas cut mud, 300' of salt water, IFF-30%, FFP-213%, BHP-1298%.

Ran Schlumberger Micro and Electrical Surveys.
 Set and cemented 5 1/2" OD, 22.7% SR thd., R-2, J-55, S.S. casing (4 cond.) at 4470' with 100 sacks of common cement and 2% aqueol. Finished 7:00 a.m. 9/4/56. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing at 3540'

Rigged up cable tools and swabbed and bailed the hole down to 4437' 5/8" and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 4392' to 4400' with 48 holes by Lane-Wells; bailed and tested 4 hours, 3 gallons of water and no oil per hour, good show of gas, too small to gauge. Treated through 5 1/2" casing with 500 gallons of Halliburton HCA acid as follows:

ACID TREATMENT NO. 1 - Between 4392' and 4400'
 Treatment put in 9/8/56 by Halliburton, using 500 gallons of acid and 120 barrels of oil.

TIME	DEPTH	REMARKS
2:15 pm		Start acid
3:19 pm		Start flush
3:38 pm	1550'	Acid on bottom
3:46 pm	1500'	Acid clear
3:54 pm	1550'	Treatment completed

Swabbed through 5 1/2" casing 1 hour, 20 barrels of oil used in treating. On September 8, swabbed through 5 1/2" casing 7 hours, 40 barrels of oil used in treating, 12 barrels of acid water with 8 barrels of formation water, gas gauged 44 W.C.F. Ran 2" tubing and set Halliburton BM retainer at 4387'. Cemented off perforations from 4392' to 4400' with 75 sacks of common cement, maximum IFF-3500%. Pulled tubing out and shut down for cement to set.

On September 11, swabbed and bailed the hole dry to top of retainer at 4327'. Perforated 5 1/2" casing from 4366' to 4385' with 114 holes by Lane-Wells; bailed and tested 6 hours, no oil or water, small show of gas, too small to gauge. Treated through 5 1/2" casing with 500 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 2 - Between 4366' and 4385'

Treatment put in 9/11/56 by Halliburton, using 500 gallons of acid and 120 barrels of oil.

TIME	CP	TP	REMARKS
6:31 pm			Start acid
6:34 pm			Start flush
6:50 pm	2100		Acid on bottom
6:58 pm	1600		126 gallons of acid in
7:10 pm	1700		500 gallons of acid in
7:22 pm	1800		Finished flush

Swabbed through 5 1/2" casing 10 hours, 112 barrels of oil used in treating, no water, gas gauged 15 M.C.F. Ran 2" tubing open end to 4316'. Ran Halliburton Vis-O-Frac treatment as follows:

VIS-O-FRAC TREATMENT NO. 1 - Between 4366' and 4385'

Used 12,000# of sand
10,000 gallons of kerosene
1000# of Adomite
230 barrels of crude oil to fill and flush
Maximum CP-2600, minimum CP-2300
Time 23 minutes

Pulled 2" tubing, then flowed through 5 1/2" casing with 3/4" choke 15 hours, 170 barrels of oil used in treating and gas gauged 300 M.C.F., FCP-0. On September 14, flowed through 5 1/2" casing 4 hours, 3/4" choke, 20 barrels of oil used in treating and gas gauged 200 M.C.F. Then swabbed through 5 1/2" casing 20 hours, 97 barrels of oil used in treating and 35 barrels of water and gas gauged 297 M.C.F. Ran 2" tubing and set Halliburton DM retainer at 4351', cemented off perforations from 4366' to 4385' with 100 sacks of cement, maximum TP-3500. Pulled 2" tubing and shut down for cement to set.

On September 16, swabbed and bailed the hole dry to top of retainer at 4351'. Drilled cement retainer and cement plug and cleaned out to 4379' PLM. Bailed and tested 1 hour and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 4366' to 4375' with 54 holes by Lane-Wells Kone shots; bailed and tested 4 hours, 1 gallon of water per hour, no oil or gas. Perforated 5 1/2" casing from 4351' to 4354' with 18 holes by Lane-Wells Kone shots; bailed and tested 1 gallon of water per hour with no show of oil or gas. Treated through 5 1/2" casing from 4351' to 4354' and from 4366' to 4375' with 250 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 3 - Between 4351'-54' and 4366'-75'

Treatment put in 9/19/56 by Halliburton, using 250 gallons of acid and 113 barrels of oil.

TIME	CP	TP	REMARKS
3:08 pm			Start acid
3:10 pm			Start flush
3:26 pm	1450		Acid on bottom
3:37 pm	2500		42 gallons of acid in
3:43 pm	1750		250 gallons of acid in
3:47 pm	2250		Finished flush

Swabbed through 5 1/2" casing 7 hours, 100 barrels of oil used in treating, 6 barrels of acid water and 5 barrels of formation water; then bailed and tested 7 hours, 1 barrel of water and no oil or gas.

Drilled cement plug and cleaned out to 4386', then perforated 5 1/2" casing from 4375' to 4380' with 30 Lane-Wells Kone shots. Bailed and tested 2 hours, 2 gallons of water per hour, no oil or gas. Ran 2" tubing open end to 4286' and treated with 500 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 4 - Between 4375' and 4380'

Treatment put in 9/20/56 by Halliburton, using 500 gallons of acid and 19 barrels of oil.

TIME	CP	TP	REMARKS
10:03 pm		900	Start acid
10:05 pm		900	Start flush
10:10 pm	2550		Acid on bottom
10:11 pm	2500		42 gallons of acid in
10:17 pm	2100		210 gallons of acid in
10:25 pm	1950		500 gallons of acid in

Pulled and reran 2" tubing and set Halliburton DM packer at 4331'. Treated with Halliburton Vis-O-Frac as follows:

VIS-O-FRAC TREATMENT NO. 2 - Between 4375' and 4380'

Used 5000^{gals} of sand
 5000 gallons of kerosene
 500^{gals} of Adomite
 Formation quit taking sand mixture after 4000^{gals} of sand and 4000
 gallons of kerosene in formation
 Maximum TP-6400^{psi}, minimum TP-3600^{psi}, time 25 minutes.

Reversed circulation and cleaned out excess sand. Pulled 2" tubing and Halliburton packer. Bailed and cleaned out to bottom. Then swabbed through 5 1/2" casing 6 hours, 117 barrels of oil used in treating and 1 barrel of salt water per hour, no show of gas.

Since thorough testing core no commercial quantities of gas or oil in this well, regular authority was granted to plug and abandon the well.

On October 2, 1956, moved in plugging machine and plugged the well as follows:

Sand	4386' to 4340'
5 sacks of cement	4340' to 4300'

Shot off 5 1/2" casing at 3809' and pulled 3790' (106 jts.) of 5 1/2" OD, 14 1/2, ER, K-2, J-55, S.S. casing (B cond.); and 1 jt. (36') of same (B cond.).

And laden fluid	4300' to	250'
Crushed rock	250' to	245'
20 sacks of cement	245' to	185'
And laden fluid	185' to	35'
Crushed rock	35' to	30'
10 sacks of cement	30' to	6'
Surface soil	6' to	0'

Plugged and abandoned October 5, 1956.

DEPTH	SLOPE TEST DATA	
	ANGLE OF DEFLECTION	
500'	3/4	Degree
750'	3/4	"
1000'	1/4	"
1250'	3/4	"
1650'	3/4	"
3150'	3/4	"
4100'	1/4	"