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STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

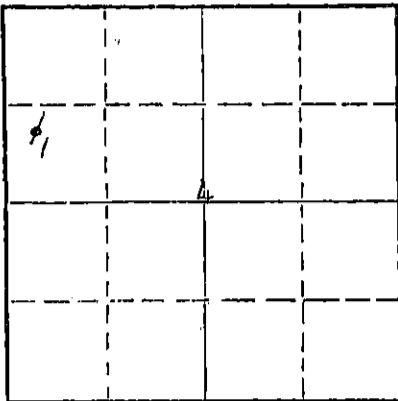
WELL PLUGGING RECORD

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

Pratt

County. Sec 4 Twp. 26S Rge. (E) 13 (W)

Location as "NE/CNW/SW" or footage from lines NW/4 SW/4 NW/4
Lease Owner Skelly Oil Company
Lease Name Gertrude Dodson Well No. 1
Office Address 1860 Lincoln Street, Denver, Colorado
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed September 20, 1948
Application for plugging filed July 18, 1967
Application for plugging approved July 20, 1967
Plugging commenced September 6, 1967
Plugging completed September 9, 1967
Reason for abandonment of well or producing formation Depleted



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production August 31, 1967
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. A. Elving
Producing formation Lansing Lime Depth to top 3713' Bottom Total Depth of Well 4010 Feet
Show depth and thickness of all water, oil and gas formations. PB 3998'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Lansing Lime	Oil	3737'	3995'	8-5/8"	441' 9"	None
					4041' 9"	2338'

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.

Sand	3998' to 3700'
20 sacks of cement	3700' to 3560'
Mud laden fluid	3560' to 300'
Rock bridge	300' to 290'
10 sacks of cement	290' to 215'
Rock bridge	215' to 40'
10 sacks of cement	40' to Base of Cellar
Surface soil	Cellar to Surface

RECEIVED
STATE CORPORATION COMMISSION

OCT 24 1967
10-24-67

CONSERVATION DIVISION
WICHITA, KANSAS

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

Name of Plugging Contractor Ralph Comstock Pipe Pulling, Inc.
Address 320 North Park, Stafford, Kansas 67578

STATE OF Colorado, COUNTY OF Denver, ss.
Leland Franz (employee of owner) or (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

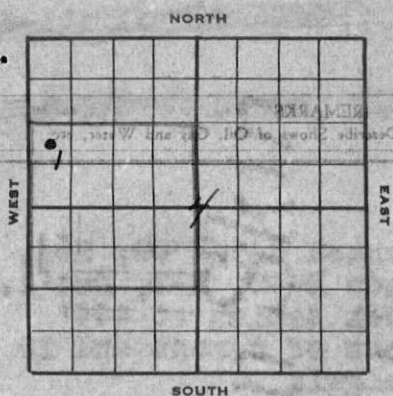
(Signature) Leland Franz
1860 Lincoln St., Denver, Colo. 80203
(Address)

SUBSCRIBED AND SWORN TO before me this 20th day of October, 1967

Mary C. [Signature]
Notary Public.

My commission expires June 17, 1970

SKELLY OIL COMPANY



Well Record

Lease Name and No. Gertrude Johnson Well No. 1 Elev. 1933'
 Lease Description 3/2 1/4 and 3/2 3/4 Sec. 4-269-13W,
Pratt County, Kansas
 Location made August 16, 19 48 by C. A. Richter
330 feet from North line 330 feet from East line 3/2 1/4
330 feet from South line 330 feet from West line of Sec. 4

Work com'd 8/16 19 48 Rig comp'd 8/17 19 48 Drlg. com'd 8/18 19 48 Drlg. comp'd 9/1 19 48

Rig Contractor Wentworth Drilling Company

Drilling Contractor Claude Wentworth Drilling Company, Tulsa, Oklahoma

Rotary Drilling from Top to 4010' Cable Tool Drilling from To complete to

Commenced Producing Sept. 20, 19 48 { Initial Prod. before shot or acid Show of oil Bbls.
 Initial Prod. after shot or acid POB 8 hrs. 255.68 Bbls.
to stab. 24 hr. 300 pot. of 707 bbls.

Dry Gas Well Press. _____ Volume _____ Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (8-5/8" 291' OD) Gas Pressure _____ Volume _____ Cu. ft.

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

PRODUCING FORMATION Lansing Line (Name) Top 3797' Bottom 3820' TOTAL DEPTH 4010'

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
8-5/8" 28.75			444				15	441	9	H40 H2 58 A		250	Halliburton
5-1/2" 14.75			4010				127	4041	9	J55, H40, H2, H3 & H4 A 200			Halliburton
(8-5/8" casing set 6' in cellar and 5' cased to derrick floor)													
(5 1/2" casing perforated with 71 holes 3908'-18'; 3891'-3902', 72 holes; 14 holes 3875'-77', cemented off; 35 holes 3864'-69', cemented off; 161 holes 3797'-3820')													
Used 1 - 5 1/2" OD Baker Combination Guide & Mast shoe													

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	<u>9/19/48</u>	<u>9/21/48</u>	<u>9/24/48</u>	
Acid Used				
Size Shot	<u>1000</u>	<u>1000</u>	<u>1000</u>	
Shot Between	<u>3908</u> Ft. and <u>3918</u> Ft.	<u>3891</u> Ft. and <u>3902</u> Ft.	<u>3864</u> Ft. and <u>3869</u> Ft.	
Size of Shell			<u>3875</u> <u>3877</u>	
Put in by (Co.)	<u>Dowell Inc.</u>	<u>Dowell Inc.</u>	<u>Dowell Inc.</u>	<u>See Remarks for remaining treatments</u>
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	
<u>Heebner Shale</u>	<u>3519'</u>						
<u>Lansing Line</u>	<u>3713'</u>				<u>3797</u>	<u>3801</u>	<u>Fair oil saturation</u>
					<u>3805</u>	<u>3820</u>	<u>Oil sat. upper few feet</u>
					<u>3864</u>	<u>3869</u>	<u>Good show live oil</u>
					<u>3898</u>	<u>3902</u>	<u>Fair to light stain</u>
					<u>3908</u>	<u>3918</u>	<u>Poor to fair stain</u>
					<u>3934</u>	<u>3935</u>	
					<u>3943</u>	<u>3944</u>	<u>Spotted por. & stain</u>
					<u>3948</u>	<u>3951</u>	<u>light oil stain</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						" " " " "

(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, sand and clay	0	215	
Shale and shells	215	365	
Red bed	365	450	Set and cemented 8-5/8" OD, 28' BK thd., Grade H-40, R-2, Nat'l. Seamless steel casing at 444' with 250 sacks of cement and 10 sacks of aquagal.
Red bed and shale	450	815	
Anhydrite	815	845	
Shale and shells	845	1290	
Salt and shale	1290	1425	
Shale and shells	1425	1735	
Broken lime	1735	2145	
Line	2145	2265	
Broken lime	2265	2370	
Line	2370	3200	
Line and shale	3200	3395	
Broken lime and shale	3395	3425	
Line	3425	3540	
Line and shale	3540	3740	
Line	3740	3797	
Porous fossiliferous lime	3797	3801	Fair oil saturation
Line	3801	3803	
Porous fossiliferous lime	3803	3820	Test well upper part
Line	3820	3824	
Porous fossiliferous lime	3824	3864	Good show of live oil
Hard line	3864	3869	
Very porous oolitic line	3869	3898	Fair to light stain
Hard line and shale	3898	3902	
Very porous oolitic line	3902	3908	Poor to fair stain
Hard line	3908	3918	
Very porous oolitic line	3918	3934	Spotted porosity and stain
Hard line	3934	3935	
Very porous oolitic line	3935	3943	Spotted porosity and stain
Hard line	3943	3944	
Very porous oolitic line	3944	3948	Slight oil stain
Hard line	3948	3951	
Hard dense line	3951	3974	
Slightly porous oolitic line	3974	3977	No shows
Hard dense lime with thin streaks of shale	3977	4002	
Grey shale with thin hard line streaks	4002	4010	

TOP OF SHALE 3519'

TOP OF LIMESTONE 3713'

ACID TREATMENT RECORD

FOURTH	THIRD	SECOND	REMARKS
			Set and cemented 3740' of 8-5/8" OD, 28' BK thd., J-55, R-2, National Seamless steel (A cond.) and 270' of 5-1/2" OD, 14' BK thd., H-40, R-2, S.S. (A cond.) casing at 4010' with 250 sacks of cement and 10 sacks of aquagal. Finished 9/2/45.

Moved in and rigged up cable tools and bailed the hole dry on September 17, and 5 1/2" casing tested. Drilled cement plug to 3961' and perforated 5 1/2" casing with 71 holes from 3908' to 3918' by Lane-wells, small show of oil and water. On September 19, treated with 1000 gallons of Dowell "FX-18" acid through 5 1/2" casing as follows:

ACID TREATMENT NO. 1 - 9/19/45

Treatment put in 9/19/45 by Dowell Inc., using 1000 gallons of acid and 101 barrels of oil to fill hole and flush.

TIME	OP	TP	REMARKS
11:17 AM			1000 gallons of acid in hole
12:06 PM	600		Filled hole with 77 barrels of oil
12:30 PM	800		63 gallons of acid in formation
1:00 PM	850		189 gallons of acid in formation
1:30 PM	950		325 gallons of acid in formation
2:00 PM	950		483 gallons of acid in formation
2:30 PM	975		650 gallons of acid in formation
3:00 PM	1000		819 gallons of acid in formation
3:38 PM	1000		1000 gallons of acid in formation

Flushed hole with 24 barrels of oil and treatment

Swabbed 35 barrels of oil and 65 barrels of water (oil used in treating). On September 20, set Lane-wells bridging plug at 3902' and perforated 5 1/2" casing by Lane-wells with 72 holes from 3891' to 3902'. Swabbed through 5 1/2" casing 12 hours, 25 barrels of oil and 17 barrels of water. On September 21, treated with 1000 gallons of Dowell "FX-18" acid through 5 1/2" casing as follows:

ACID TREATMENT NO. 2 - 9/21/45

Treatment put in 9/21/45 by Dowell Inc., using 1000 gallons of acid and 100 barrels of oil.

TIME	OP	TP	REMARKS
1:30 PM			Start acid in hole
1:40 PM			1000 gallons of acid in hole
2:50 PM	Vac.		78 barrels of oil in hole
2:40 PM	Vac.		100 barrels of oil in hole and treatment completed

Swabbed out oil used in acidizing, then swabbed through 5 1/2" casing 24 hours, 59 barrels of oil and 10 barrels of water. On September 23, set Lane-wells plug at 3880', filled hole with chert to 3877 1/2', and perforated 5 1/2" casing by Lane-wells from 3875' to 3877' with 14 holes and from 3864' to 3869' with 35 holes. Bailed and tested 14 hours, 12 gallons of oil and no water, small show of gas. On September 24, treated with 1000 gallons of Dowell "XF-18" acid through 5 1/2" casing as follows:

ACID TREATMENT NO. 3 - Between 3864'-69' and 3875'-77'

Treatment put in 9/24/48 by Dowell Inc., using 1000 gallons of acid and 98 barrels of oil.

TIME	CP	TP	REMARKS
12:40 PM			1000 gallons of acid in hole
1:55 PM	Vac.		74 barrels of oil in hole
2:05 PM	Vac.		98 barrels of oil in hole and treatment completed

After acid treatment swabbed out oil used in treating, then swabbed through 5 1/2" casing 12 hours, 21 barrels of oil and no water. On September 25, treated with 2500 gallons of Dowell "XF-18" acid as follows:

ACID TREATMENT NO. 4 - Between 3864'-69' and 3875'-77'

Treatment put in 9/25/48 by Dowell Inc., using 2500 gallons of acid and 90 barrels of oil.

TIME	CP	TP	REMARKS
11:53 AM			2500 gallons of acid in hole, start oil
12:05 PM	Vac.		36 barrels of oil in hole
12:23 PM	Vac.		90 barrels of oil in hole and treatment completed

Swabbed out oil used in treating, then swabbed through 5 1/2" casing 13 hours, 62 barrels of oil and no water. On September 26, swabbed 24 hours, 5 barrels of oil and 43 barrels of water. On September 27, swabbed 20 hours, 3 barrels of oil and 29 barrels of water. On September 28, ran 2" tubing and set Baker cement retainer at 3810' and cemented off perforations from 3875' to 3877' and 3864' to 3869' with 200 sacks of cement at 2500' TP.

On October 1, swabbed hole dry and drilled cement plug and cement retainer to 3841' and cement job tested OK. On October 2, perforated 5 1/2" casing by Lane-wells from 3797' to 3820' with 161 holes, good show of oil and small show of gas. Swabbed through 5 1/2" casing 16 hours, 30.33 barrels of oil and 5.77 barrels of water.

On October 3, treated with 1500 gallons of Dowell "XF-18" acid as follows:

ACID TREATMENT NO. 5 - Between 3797' and 3820'

Treatment put in 10/3/48 by Dowell Inc., using 1500 gallons of acid and 93 barrels of oil.

TIME	CP	TP	REMARKS
8:45 AM			1500 gallons of acid in hole
9:20 AM	50'		60 barrels of oil in hole
9:25 AM	200'		65 barrels of oil in hole
9:30 AM	200'		70 barrels of oil in hole
9:40 AM	250'		80 barrels of oil in hole
9:50 AM	350'		93 barrels of oil in hole and treatment completed

Swabbed out oil used in treating, then swabbed and flowed 16 hours, 389.80 barrels of oil and 15.50 barrels of water. On October 4, swabbed 24 hours, 317.52 barrels of oil and 6.48 barrels of water. On October 5, ran 2 1/2" (Lot #4) tubing and rods and shut down to install pumping equipment.

TOTAL DEPTH 4010' PB 3841' SLM

Finished installing pumping equipment, and on October 22, POC 8 hours on physical potential test, 235.68 barrels of oil and 34.32 barrels of water to establish 24 hour State Corporation Commission potential of 707 barrels. This potential gives an allowable of 29 barrels for the remainder of October, 1948.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
250'	0 Degrees
500'	0 "
750'	0 "
1000'	0 "
1250'	1/2 "
1500'	0 "
1750'	1/2 "
2000'	1 "
2250'	1 "
2500'	1/2 "
2750'	1/2 "
3000'	0 "
3250'	1/2 "
3500'	1/2 "

3708
1438
-1769

ANALYSIS OF WATER

Skelly Oil Company Laboratories, El Dorado, Kansas

Our Sample No. C-48-9-20

Marked: Taken from Gertrude Dodson well No. 1. Taken from 3875' to 3877' and from 3864' to 3869'. Water Sample #1. Taken by Fred Foster 9/27/48

Sample received 9/30/48

	Grains per Gallon	Parts per Million	Percent by Weight
Chlorides expressed as NaCl	10,800	184,874	18.4874
Chlorides expressed as Cl	6,551	112,143	11.2143
Sulphates expressed as CaSO ₄	21.0	360	0.0360
Sulphates expressed as SO ₄	14.9	254	0.0254

Our Sample No. C-48-9-21

Marked: Taken from Gertrude Dodson well #1. Taken from 3875' to 3877' and 3864' to 3869'. Water Sample #2. Taken by Fred Foster 9/27/48

Sample received 9/30/48

	Grains per Gallon	Parts per Million	Percent by Weight
Chlorides expressed as NaCl	11,400	195,145	19.5145
Chlorides expressed as Cl	6,915	118,373	11.8373
Sulphates expressed as CaSO ₄	21.9	374	0.0374
Sulphates expressed as SO ₄	15.4	264	0.0264

Moved in and rigged up cable tools on May 20, 1950. Pulled rods and tubing and set Lane-Wells bridging plug at 3783'. Perforated 5½" casing by Lane-Wells from 3761½' to 3767½' with 41 holes, small show of water, no oil. Bailed and tested 12 hours, 16 gallons of water with scum of free oil per hour. On May 22, treated through 5½" casing with 1000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 6 - Between 3761½' and 3767½'

Treatment put in 5/22/50 by Halliburton, using 1000 gallons of acid and 90 barrels of oil to fill hole.

TIME	CP	TP	REMARKS
11:21 am			Acid in hole
12:50 pm			Hole loaded with 90 barrels of oil
2:00 pm	850		80 gallons of acid in formation
2:05 pm	850		150 gallons of acid in formation
2:08 pm	850		280 gallons of acid in formation
2:15 pm	850		600 gallons of acid in formation
2:21 pm	850		1000 gallons of acid in formation

Swabbed through 5½" casing 2½ hours, 60 barrels of oil (used in treating) and well started flowing. Flowed 9 hours, 30 barrels of oil (used in treating), then quit showing oil. Gas gauged through 5" opening 4,292 M.C.F., shut in CP-1200#. Loaded hole with water, ran 2½" tubing and set Baker cement retainer at 3742'. Cemented off perforations from 3761½' to 3767½' with 100 sacks of cement, 50 sacks into formation at 800# tubing pressure. Reversed out 50 sacks of cement and pulled tubing.

On May 27, swabbed hole down to 1000' off bottom and drilled cement plug to 3783'. Bailed hole dry and cement job tested OK. On May 28, drilled up Lane-Wells bridging plugs at 3783' and 3810' and cleaned out to 3960½' SLM. Swabbed hole down 3 hours, 2 barrels of oil and 1 barrel of water per hour. On June 1, swabbed through 5½" casing 18 hours, 6 barrels of oil and 15 barrels of water. On June 2, perforated 5½" OD casing by Lane-Wells from 3943' to 3953' with 71 holes, no shows. Ran 2½" tubing with Yowell tool and set bottom packer at 3958' and top packer at 3936', and treated with 1000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 7 - Between 3943' and 3953'

Treatment put in 6/6/50 by Halliburton, using 1000 gallons of acid.

TIME	CP	TP	REMARKS
3:25 pm			Acid on bottom
3:26 pm		800	10 gallons acid in formation
3:40 pm		1400	20 gallons acid in formation
5:20 pm		1400	50 gallons acid in formation
5:45 pm		1200	250 gallons acid in formation
6:15 pm		700	750 gallons acid in formation
6:20 pm		0	1000 gallons acid in formation

Swabbed out oil used in treating, then swabbed through 2½" tubing 16 hours, 21 barrels of oil and 40 barrels of water. Pulled tubing and perforated 5½" casing with McCullough jet gun from 3908' to 3918' with 60 holes and from 3891' to 3902' with 66 holes, no shows. On June 7, ran 2½" tubing with Yowell tool and set packer at 3905' and treated through perforations from 3891' to 3902' with 1500 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 8 - Between 3891' and 3902'

Treatment put in 6/7/50 by Halliburton, using 1500 gallons of acid and 24 barrels of oil to flush.

TIME	CP	TP	REMARKS
12:00 m			Acid on bottom
12:30 pm		1500	10 gallons acid in formation
12:50 pm		2000	20 gallons acid in formation
1:00 pm		1000	50 gallons acid in formation
1:15 pm		Vac.	1500 gallons acid in formation, start flush
1:17 pm		Vac.	Flushed hole with 24 barrels of oil

Lowered tool to 3929' and treated through perforations 3908' to 3918' with 1500 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 9 - Between 3908' and 3918'

Treatment put in 6/7/50 by Halliburton, using 1500 gallons of acid and 24 barrels of oil to flush.

TIME	CP	TP	REMARKS
1:22 pm			Acid on bottom
1:32 pm		Vac.	500 gallons acid in formation
1:40 pm		Vac.	1500 gallons acid in formation, start flush
1:42 pm		Vac.	Flushed hole with 24 barrels of oil

Pulled 2½" tubing and swabbed out oil used in treating, then swabbed through 5½" casing 4 hours, 35 barrels of oil and 25 barrels of water.

On June 8, ran 2½" tubing and rods and POB 7 hours, 26 barrels of oil and 25 barrels of water. On June 9, POB 24 hours, 45 barrels of oil and 55 barrels of water. On June 10, POB 24 hours, 45 barrels of oil and 45 barrels of water. On June 11, POB 24 hours, 50 barrels of oil and 50 barrels of water. On June 12, POB 24 hours, 45 barrels of oil and 50 barrels of water. On June 13, POB 24 hours, 44 barrels of oil and 50 barrels of water. On June 14, POB 24 hours, 50 barrels of oil and 50 barrels of water. On June 15, POB 24 hours, 43 barrels of oil and 43 barrels of water.

TEST LOWER LANSING LIME

Date Commenced: July 6, 1959
 Date Completed: July 27, 1959

Cleaned out to 3998' PB TD-3998'

Production Before: 4 barrels of oil and 76 barrels of water
 Production After: Flowed through 2 1/2" tubing 3 hours, 19/64" choke,
 2 1/2 barrels water with scum oil, gas gauged 1,630
 MCF, FTP-400#

5 1/2" Casing Perforations Open:

Above PB TD: 3737'-52"/60, 3797'-20"/161, 3880'-90"/54,
 3891'-3902"/138, 3908'-18"/131, 3943'-53"/61,
 3986'-3995"/56 holes

Below PB TD: None

Producing Formation: Lansing Lime

Moved in and rigged up cable tools of W. L. Copeland Drilling Company on July 6, 1959. Pulled rods and 2 1/2" tubing and bailed the hole clean to 3960 1/2'. Ran Lane-Wells Gamma Ray Neutron Survey. Swabbed through 5 1/2" casing 5 hours, 1 1/2 barrels of oil and 19 barrels of water. On July 7, swabbed 3 hours, 3 1/2 barrels of water per hour with scum of oil.

Set Lane-Wells bridging plug at 3871'. Bailed 1 hour, unable to bail hole dry. Swabbed through 5 1/2" casing 3 hours, 3 barrels of water per hour. Unable to fill hole with 125 barrels of water. Pumped Halliburton test plug and found perforations from 3797' to 3805' leaking. Ran 2" tubing and set Halliburton DM retainer at 3751'. Recemented off perforations from 3797' to 3820' and 3761 1/2' to 3767 1/2' with 200 sacks of common cement, maximum TP-3500#. Pulled tubing and shut down for cement to set.

On July 10, swabbed and bailed the hole dry to 3751' and 5 1/2" casing tested dry. Drilled up retainer at 3751', then drilled cement plug and cleaned out to 3871' and 5 1/2" casing tested dry. Loaded hole with 22 barrels of water, drilled and drove bridging plug from 3871' to 3959', drilled up bridging plug at 3959', drilled cement plug and cleaned out to 3967'. Swabbed through 5 1/2" casing 1 hour, 22 barrels of water used to load hole; then swabbed through casing 4 hours, 1.16 barrels of water per hour with scum of oil.

Ran Lane-Wells Gamma Ray Neutron Survey.

Casing Perforation No. 10 - Lansing Lime - 3986'-3995'
 3986'-3995' 56 holes

Swabbed through 5 1/2" casing 4 hours, 1.16 barrels of water with scum of oil per hour. Ran 2 1/2" tubing and set Halliburton EM packer at 3980'. Swabbed through 2 1/2" tubing 1 hour, no fluid. Treated through 2 1/2" tubing with 150 gallons of Dowell X-4 acid and 500 gallons of Dowell X-100 acid as follows:

TREATMENT NO. 10 - Acidized - 3986'-3995'

Treatment put in 7/13/59 by Dowell, using 650 gallons of acid and 23 barrels of oil.

TIME	CP	TP	REMARKS
1:50 am			Start acid in tubing
2:05 am		200#	
2:40 am		1500#	
2:55 am		1700#	
3:05 am		1400#	
3:32 am		1550#	
3:42 am		1700#	

Swabbed through 2 1/2" tubing 2 hours, 23 barrels of oil used in treating, no water. On July 13, swabbed through 2 1/2" tubing 9 hours, 3/4 barrels formation oil and 12 barrels of spent acid water. Re-treated through 2 1/2" tubing with 1000 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 11 - Acidized - 3986'-3995'

Treatment put in 7/13/59 by Halliburton, using 1000 gallons of acid and 24 barrels of oil.

TIME	CP	TP	REMARKS
9:50 pm			Start acid
9:53 pm		1150#	
10:00 pm		1500#	
10:08 pm		1650#	Treatment completed

Swabbed through 2½" tubing 6 hours, 24 barrels of oil used in treating and 7 barrels of acid water. On July 14, pulled 2½" tubing and HM packer.

Set Lane-Wells bridging plug at 3856' and 5½" casing tested dry. Plugged back with 1/4 sacks of Cal-Seal from 3856' to 3854'.

Casing Perforation No. 11 - Lansing Line - 3838'-3850'
3838'-3850' 72 holes

Tested 2 hours, no recovery. Ran 2½" tubing and set Halliburton HM packer at 3830'. Treated through 2½" tubing with 500 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 12 - Acidized - 3838'-3850'

Treatment put in 7/14/59 by Halliburton, using 24 barrels of oil, and 500 gallons of acid.

TIME	CP	TP	REMARKS
9:17 pm			Start acid
9:22 pm		250#	
9:23 pm		600#	
9:27 pm		800#	Treatment completed

Swabbed through 2½" tubing 6 hours, 20 barrels of oil used in treating, 12 barrels acid water and 4 barrels formation water. Pulled tubing and packer. Ran 2½" tubing and set Halliburton DM retainer at 3772'. Cemented off perforations from 3797' to 3820' and from 3838' to 3850' with 100 sacks of common cement, maximum TP-3500#, finished 5:00 pm 7/15/59 and pulled tubing.

On July 17, swabbed and bailed the hole dry, 5½" casing tested dry. Drilled up cement retainer at 3772', then drilled cement plug and cleaned out to 3832'.

Casing Perforation No. 12 - Lansing Line - 3822'-3830'
3822'-3830' 45 holes

Bailed 2 hours, no recovery. Ran 2½" tubing and set Halliburton RTTS packer at 3813'. Treated through 2½" tubing with 500 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 13 - Acidized - 3822'-3830'

Treatment put in 7/18/59 by Halliburton, using 500 gallons of acid and 40 barrels of oil.

TIME	CP	TP	REMARKS
3:20 pm			Start acid
3:25 pm		800#	
3:27 pm		300#	
3:30 pm		300#	Treatment completed

Swabbed through 2½" tubing 11 hours, 36 barrels of oil used in treating and 2 barrels of acid water. On July 19, swabbed through 2½" tubing 24 hours, 4 barrels of oil used in treating, 10 barrels of acid water and 17 barrels of formation water.

Pulled 2½" tubing and packer. Ran 2½" tubing and set Halliburton DM retainer at 3788', cemented off perforations from 3822' to 3830' with 100 sacks of common cement, maximum TP-3500#, finished cementing at 5:00 pm 7/20/59. Pulled tubing and shut down for cement to set.

Swabbed and bailed hole dry to top of cement retainer at 3788'. Drilled up retainer, then drilled cement plug and cleaned out to 3856'. Bailed 1 hour, tested dry. Drove bridging plug from 3856' to 3998'.

PLUGGED BACK TOTAL DEPTH 3998'

Casing Perforation No. 13 - Lansing Line - 3880'-3890'
3880'-3890' 54 holes

Swabbed through 5½" casing 5 hours, 10 barrels of oil and 23 barrels of water.

Ran 2½" tubing and set Halliburton straddle packers with top packer set at 3876' and bottom packer at 3905'. Treated through 2½" tubing from 3880' to 3890' and 3891' to 3902' with 150 gallons of Halliburton 15% acid and 750 gallons of Halliburton HV acid as follows:

TREATMENT NO. 14 - Acidized - 3880'-90' and 3891'-3902'

Treatment put in 7/24/59 by Halliburton, using 900 gallons of acid and 25 barrels of oil.

TIME	CP	TP	REMARKS
11:14 am		100#	Start acid
11:05 am		1800#	
11:29 am		1000#	Treatment completed

Swabbed through 2 1/2" tubing 15 hours, 25 barrels of oil used in treating and 22 barrels of acid water with 2 barrels of formation water, swabbing 1-1/16 barrel of water with scum of oil per hour at end of test. Pulled 2 1/2" tubing and packer.

CASING Perforation No. 14 - Lansing Line - 3737'-3752'
3737'-3752' 60 holes

Ran 2 1/2" tubing with Halliburton straddle packers, set top packer at 3732' and bottom packer at 3757'. Swabbed through 2 1/2" tubing 2 hours, no recovery. Treated through 2 1/2" tubing with 150 gallons of Halliburton 15% acid and 750 gallons of HV acid as follows:

TREATMENT NO. 15 - Acidized - 3737'-3752'

Treatment put in 7/25/59 by Halliburton, using 900 gallons of acid and 24 barrels of oil.

<u>TIME</u>	<u>CP</u>	<u>IP</u>	<u>REMARKS</u>
5:15 pm			Start acid
5:32 pm		800#	
5:35 pm		400#	
5:44 pm		900#	Treatment completed

Opened 2 1/2" tubing and well started flowing. Flowed through 2 1/2" tubing 9 hours, 23 barrels of oil used in treating and 22 barrels of acid water. On July 26, flowed through 2 1/2" tubing 4 hours, 1 barrel of oil used in treating and 9 barrels of water, gas gauged 1,630 M.C.F.

Shut in 3 hours, SI TP-1150#. Opened well and flowed through 2 1/2" tubing 15 hours through 19/64" choke, 2 barrels of formation oil and 10 barrels of water, FTP-400#, gas gauged 1,630 MCF. On July 27, flowed through 2 1/2" tubing 3 hours, 19/64" choke, 2 1/2 barrels of water with scum of oil, FTP-400#, gas gauged 1,630 MCF.

Shut in for pipeline connection.

1959
 Fidelity Union Bank
 MADE IN U.S.A.

SKELLY OIL COMPANY

REPORT OF CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc., not recorded in original well record.

LEASE NAME Gertrude Dodson WELL NO. 1

CLEANING-OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced..... <u>May 20,</u> 19 <u>50</u>	Date commenced..... 19
Date completed..... <u>June 15,</u> 19 <u>50</u>	Date completed..... 19
Cleaned out from <u>3042'</u> to <u>3960'</u> T. D. <u>3960'</u>	Plugged back or deepened from..... to..... T. D.....
Prod. before..... <u>7</u> bbls. <u>32</u> bbls. <u>10 H</u> cu. ft. oil..... water..... gas	Prod. before..... bbls. bbls. cu. ft. oil..... water..... gas
Prod. after..... <u>43</u> bbls. <u>43</u> bbls. <u>10 H</u> cu. ft. oil..... water..... gas	Prod. after..... bbls. bbls. cu. ft. oil..... water..... gas
Kind of tools used:..... <u>Cable</u>	Kind of tools used:.....
Tools owned by: <u>Flournoy Drls. Co.</u>	Tools owned by:.....

ACID SHOT RECORD

Date	5/22/50	6/6/50	6/7/50	6/7/50
Size shot	<u>1000 gals. or</u>	<u>1000 gals. or</u>	<u>1500 gals. or</u>	<u>1500 gals. or</u>
Shot between	<u>3762 Ft. and 3767 Ft.</u>	<u>3943 Ft. and 3953 Ft.</u>	<u>3891 Ft. and 3904 Ft.</u>	<u>3908 Ft. and 3914 Ft.</u>
Size of shell				
Put in by (Co.)	<u>Halliburton</u>	<u>Halliburton</u>	<u>Halliburton</u>	<u>Halliburton</u>
Length anchor			<u>Oil part</u>	<u>3747-3820</u> <u>3864-69</u>
Distance below casing				<u>3875-77</u>
Damage to casing or casing shoulder				

CHANGES IN CASING RECORD

SIZE	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
<u>(5 1/2" casing perforated from 3943'-53' with 71 holes, 3908'-10' with 60 holes, 3891'-3902' with 66 holes)</u>													

.....Liner set at..... Length..... Perforated at

Packer set at..... Size and kind.....

REMARKS (Give review of work accomplished and any other comment of interest)

.....

(Use reverse side for continuation of remarks and for formation record).

Superintendent.

REMARKS (Continued)

WELL STOPPED AT 100 FT

NO GAS OR OIL SHOWS

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
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SKELLY OIL COMPANY

CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc, not recorded in original well record.

LEASE NAME Gertrude Dodson
 SEC. 4 T. 26S R. 13 W
 BLOCK _____ SURVEY _____

WELL NO. 1 DISTRICT Western Kansas
 COUNTY Pratt AFE NO. 6649
 STATE Kansas

TYPE OF WORK OPEN LANSING "G" ZONE

Date commenced February 10, 1961 Date completed February 15, 1961
 Deepened from _____ to _____ Total Depth 3998'
 Plugged back from _____ to _____ P.B.T.D. _____
 Cleaned out from _____ to _____
 Production before 0 bbls. oil 0 bbls. water Depleted cu. ft. gas.
 Production after 21 bbls. oil 49 bbls. water 0 cu. ft. gas.
 Tools owned by; Copeland Drilling Co. Kind used; Cable No. days rig time; 4
 Cost of Job \$ _____ Revised Estimated Payout (Mos.) _____

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT
2/11/61	Acid	3804'-3820'	150 gals. 15%, 500 gals. HV

CHANGES IN CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		REMARKS
			Sacks Used	Top Cem't. Bh'd. Cas'g.	
Production					
Liner					Top liner;

SIZE	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT									
					Jts.	LTM		WTM		Jts.	LTM		WTM					
5 1/2"			casing perforations open															
			above PB TD: 3737'-52'/60;															
			138; 3908'-18'/131;															
			below PB TD: None															

PRODUCING FROM

LANSING LIME thru OPEN HOLE PERFORATIONS 3737' 3995' Total No. Shots 563
 FORMATION TOP BOTTOM

REMARKS (Give review of work performed and any other comment of interest)

On February 10, 1961, moved in cable tools and pulled 2 1/2" tubing and straddle packers. Bailed and cleaned out to 3998'SLM.

Swabbed through 5 1/2" casing 6 hours, 64 barrels of oil and 38 barrels of water; then swabbed through 5 1/2" casing 5 hours, 7 gallons of oil and 16 gallons of water per hour.

PERFORATION JOB NO. 15 - Lansing Line - 3804'-3820'
5 1/2" casing perforated by Lane-Wells:

3804'-3820' - 16' - 63 holes

Ran 2" tubing and set Halliburton HM straddle packers with top packer at 3794', bottom packer at 3834'. Swabbed through 2" tubing 1 hour, no recovery.

TREATMENT NO. 16 - (Acidize) - 3804'-3820'

2/11/61 treated through 2" tubing with 150 gallons of 15% acid and 500 gallons of HV acid, used 15 barrels oil to flush, maximum TP-1000%, minimum TP-650%, time 7 minutes, injection rate 2 1/2 barrels per minute. Shut in 5 hours.

Swabbed through 2" tubing 9 hours, 15 barrels oil used in treating and 15 barrels acid water; then swabbed through 2" tubing 2 hours, 15 gallons formation oil and 30 gallons water per hour.

Pulled tubing and packer. Swabbed through 5 1/2" casing 16 hours, 23 barrels oil and 68 1/2 barrels water. Ran 2" tubing and set tubing at 3996'. Ran rods and pump.

On February 13, POB 16 hours, 27 barrels of oil and 63 barrels of water.
 On February 14, POB 24 hours, 22 barrels of oil and 48 barrels of water.
 On February 15, POB 24 hours, 21 barrels of oil and 49 barrels of water.

PLUGGED BACK TOTAL DEPTH 3998'

SKELLY OIL COMPANY

CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc, not recorded in original well record.

LEASE NAME Gertrude Dodson
 SEC. 4 T. 26S R. 13W
 BLOCK _____ SURVEY _____

WELL NO. 1 DISTRICT Rocky Mountain
 COUNTY Pratt AFE NO. 22827
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced September 6, 1967 Date completed September 9, 1967
 Deepened from _____ to _____ Total Depth _____
 Plugged back from 3998' to Surface P.B.T.D. _____
 Cleaned out from _____ to _____
 Production before 2 bbls. oil 17 bbls. water -- cu. ft. gas.
 Production after _____ bbls. oil _____ bbls. water _____ cu. ft. gas.
 Tools owned by Ralph Comstock Pipe Pulling, Inc. Kind used Pulling Unit No. days rig time; Cont.
 Cost of Job \$ _____ Revised Estimated Payout (Mos.) _____

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT

CHANGES IN CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		REMARKS
			Sacks Used	Top Cem't. Bh'd. Cas'g.	
Production					
Liner					Top liner;

SIZE	WT.	THDS.	KIND	COND.	LEFT IN						PULLED OUT					
					Jts.	LTM		Jts.	LTM		Jts.	LTM				
						Feet	In.		Feet	In.		Feet	In.	Feet	In.	
<u>5-1/2"</u>	<u>14#</u>	<u>8R</u>	<u>J55 R2 SS</u>	<u>B 53</u>	<u>1692</u>	<u>11</u>	<u>1703</u>	<u>70</u>	<u>70</u>	<u>4</u>	<u>2210</u>	<u>40</u>	<u>2225</u>	<u>75</u>		
											<u>111</u>	<u>57</u>	<u>112</u>	<u>45</u>		

PRODUCING FROM

FORMATION _____ thru OPEN HOLE PERFORATIONS _____ TOP _____ BOTTOM _____ Total No. Shots _____

REMARKS (Give review of work performed and any other comment of interest)

As the well is no longer economical to operate and there are no further zones considered worthy of testing, and the well is not needed for a waterflood program, regular authority was granted to plug and abandon it.

On September 6, 1967, moved in pulling unit of Ralph Comstock Pipe Pulling, Inc. and plugged the well as follows:

Sand	3998' to 3700'
20 sacks of cement	3700' to 3560'
2702'	
Shot 5 1/2" casing at 2606', 2508', 2410', 2316'. Pulled 74 joints (2338') of 5 1/2" casing.	
Mud laden fluid	3560' to 300'
Rock bridge	300' to 290'
10 sacks of cement	290' to 215'
Rock bridge	215' to 40'
10 sacks of cement	40' to Base of cellar
Surface soil	Cellar to Surface

Plugged and abandoned September 9, 1967.

