

15-163-04264-0000

TP

STATE OF KANSAS
STATE CORPORATION COMMISSION

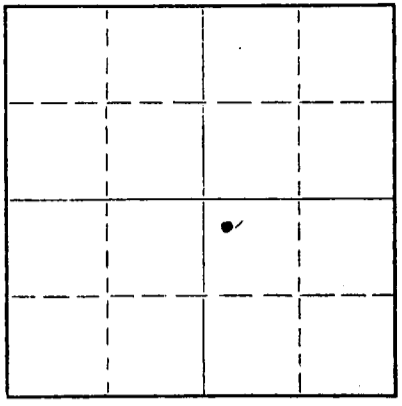
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

WELL PLUGGING RECORD

Rooks County. Sec. 5 Twp. 10 Rge. 20 ~~W~~ W (W)
Location as "NE/CNW/SW" or footage from lines NW NW SE

Lease Owner Leslie Oil Company
Lease Name Bienke Well No. 1
Office Address 542 Petroleum Building, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed December 31 1948
Application for plugging filed December 29 1960
Application for plugging approved December 30 1960
Plugging commenced December 30 1960
Plugging completed December 30 1960
Reason for abandonment of well or producing formation Non-commercial

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 Elden Petty
Producing formation Lansing Lime Depth to top 3524' Bottom 3528' Total Depth of Well 3576 P/B Feet
Show depth and thickness of all water, oil and gas formations. 3851 T.D

OIL, GAS OR WATER RECORDS

None CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT

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.

Well was plugged with pipe left in hole, 40 sacks of mud was pumped down hole, followed by 65 sacks of cement with wood and rubber plug between mud and cement. Material was furnished and pumped with Halliburton pump truck. After hole was loaded, formation took material at pressures between 500 and 650 lbs. After job was completed pipe was left full to the top.

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CONSERVATION DIVISION
Wichita, Kansas

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

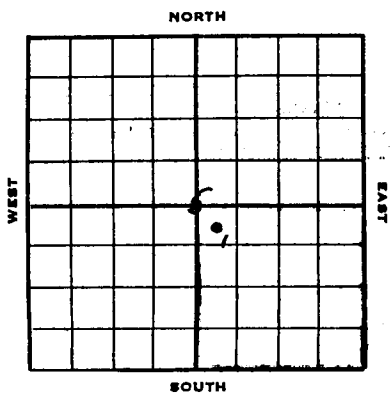
Name of Plugging Contractor
Address

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Ben K. Kelley (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) Ben K. Kelley
(Address)

SUBSCRIBED AND SWORN TO before me this 23 day of January, 1961
N. John Hancock
Notary Public.

My commission expires August 5, 1961



SKELLY OIL COMPANY

Well Record

Lease Name and No. **Henry Heinke 717553** Well No. **1** Elev. **2244' BH**
 Lease Description **1/4 Section 5-103-20K,**
ooks County, Kansas
 Location made **November 30, 1948** by **P. J. Gussen**
330 feet from North line **36/4** feet from East line
330 feet from South line **330** feet from West line of **Sec. 5**

Work com'd **12/2 1948** Rig comp'd **12/6 1948** Drlg. com'd **12/6 1948** Drlg. comp'd **12/31 1948**

Rig Contractor **Claude Wentworth Drilling Company, Inc.**

Drilling Contractor **Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma**

Rotary Drilling from **TOP** to **3850' RLK** Cable Tool Drilling from **3850'** to **3851'**

Commenced Producing **January 2, 1949** Initial Prod. **1st test** **POB 5 hrs. 50 BO no wtr. Bbls.**

Dry Gas Well Press. Initial Prod. after shot or acid **POB 8 hrs. 197.20 BO** Bbls.
no wtr. to estab. 24 hr. 300 potential of
 Volume **592 barrels.** Cu. ft.

Casing Head Gas Pressure Volume Cu. ft.

Braden Head **(8-5/8" x 2 1/2" OD)** Gas Pressure Volume Cu. ft.

Braden Head () Gas Pressure Volume Cu. ft.

PRODUCING FORMATION **Arbuckle lime** Top **3846'** Bottom **3851'** TOTAL DEPTH **3851'**
 (Name)

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"	28.48	413'					13	410	0	R40 R2 SS A	175	Halliburton	
5-1/2"	15 1/2	8R	3846' (Lot #55)				119	3875	9	R55 R2 SS A	200	Halliburton	
(8-5/8" casing set 6' in collar and 5 1/2" cased to derrick floor)													
Used 1 - 5 1/2" OD Baker Combination Guide & float 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

Date	FIRST		SECOND		THIRD		FOURTH	
	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.
Acid Used		Gals. Qts.		Gals. Qts.		Gals. Qts.		Gals. Qts.
Size Shot								
Shot Between								
Size of Shell								
Put in by (Co.)								
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	
Heebner shale	3484'	Lane-wells					
Lanning lime	3524'				3530	3535	Light scattered saturation
					3570	3577	Light scattered saturation
CONGLOMERATE	3795'				3609	3619	fair por. & light sat.
Simpson shale	3811'						
Simpson dolomite	3821'				3824	3829	Poor por. & light sat.
Arbuckle lime	3835'				3842	3843	Good por. & saturation
					3850	3851	porous and saturated

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 well	0	10	
Shale and red clay	10	200	
Sand	200	300	
Red bed, shale and shells	300	413	Set and cemented 5-5/8" OD, 28', 3/8 thd., 8-40, 1-1, Youngstown seamless steel casing at 413' with 175 sacks of cement and 4 sacks of aquagel.
Shale and shells	413	530	
Sand	530	1200	
Shale and sand	1200	1310	
Sand	1310	1480	
Shale	1480	2480	
Shale and lime	2480	2865	
Lime	2865	3005	
lime and shale	3005	3329	TOP TORONTO 3507'
Lime	3329	3587	*TOP HEEBNER SHALE 3490'
Lime and shale	3587	3628	TOP LANSING LIME 3536' (3530-35 areas finely crystalline oolitic lime w/ poor porosity and light scattered saturation; 3570-3577 finely crystalline porous lime, scattered light saturation; 3609'-19' oolitic lime fair porosity and light saturation)
Lime	3628	3675	
Shale	3675	3705	
Lime	3705	3824	TOP CONGLOMERATE 3795' TOP SIMPSON SHALE 3813' TOP SIMPSON DOLOMITE 3819'
buff, fine to medium granular, slightly sandy dolomite	3824	3829	Poor porosity and light saturation
Sandy dolomite	3829	3847	TOP ARBUCKLE LIME 3842'
fine to medium crystalline dolomite	3847	3848	Good porosity and saturation
Dense dolomite	3848	3855	Poor porosity and saturation
			Set and cemented 5 1/2" OD, 15.5, 3/8 thd., J-33, 1-2, Pittsburg seamless steel (Loc 33) casing at 3848' with 200 sacks of cement. Finished cementing at 12:00 noon 12/21/48.
			Moved in and rigged up cable tools and bailed the hole down on Dec. 31, and 5 1/2" casing tested OK. Drilled cement plug and cleaned out to bottom. Correction: 3855' SLA rotary table equals 3850' SLA derrick floor.
SIM	3855	3850	
Brown sandy dolomite	3850	3851	Porous and saturated
			Tested 1 hr., 200' SIM, and 2450' SIM in 12 hrs.
TOTAL DEPTH		3851'	

Gas 2" tubing and rods and run 5 hours, 50 bbls. of oil and no water. On January 4, 1949, run 8 hours, 155 bbls. of oil and well pumped down 2750'.

On January 7, run 8 hours, 197.20 barrels of oil and no water to establish 24 hour State Corporation Commission potential of 592 barrels. Allowable 25 barrels per day for the remainder of January, 1949.

Tests were taken at 250' intervals from 250' to 3750' with no deviation from vertical noted.

*Tops corrected by Lane-Wells radioactivity log:

Top Heebner Shale 3484'

Top Lansing Lime 3524'

Top Conglomerate 3795'

Top Simpson Shale 3811'

Top Simpson Dolomite 3821'

Top Arbuckle Lime 3835'

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 H. Hainke (Hooks Co., Ann.) WELL NO. 1

CLEANING OUT RECORD					PLUGGING BACK OR DEEPENING RECORD				
Date commenced..... <u>September 1, 19 51</u>					Date commenced..... 19.....				
Date completed..... <u>September 5, 19 51</u>					Date completed..... 19.....				
Cleaned out from..... to..... T. D. <u>3851'</u>					Plugged back or deepened from..... to..... T.D.....				
Prod. before	<u>4</u> bbls.	<u>3</u> oil	<u>--</u> bbls.	<u>--</u> water	cu. ft.	Prod. before	bbls.	bbls.	cu. ft.
					gas		oil	water	gas
Prod. after	<u>40</u> bbls.	<u>30</u> oil	<u>--</u> bbls.	<u>--</u> water	cu. ft.	Prod. after	bbls.	bbls.	cu. ft.
					gas		oil	water	gas
Kind of tools used:.....					Kind of tools used:.....				
Tools owned by: <u>Plainville Oil Well Service</u>					Tools owned by:				

~~ACID~~ ~~SHOT~~ RECORD

Date	Size shot	Shot between	Size of shell	Put in by (Co.)	Length anchor	Distance below casing	Damage to casing or casing shoulder
<u>9/1/51</u>	<u>500 gals. XX</u>	<u>3846 Ft. and 3851 Ft.</u>		<u>Dowell Inc.</u>			

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

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

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

REMARKS (Give review of work accomplished and any other comment of interest) On September 1, 1951,
pulled rods, filled hole with 65 1/2 barrels of oil, and treated with 500
gallons of Dowell "2AP-29 W-17" acid as follows:
ACID TREATMENT N. 1 - Between 3846' and 3851'
Treatment put in 9/1/51 by Dowell Inc., using 500 gallons of acid
and 80 1/2 barrels of oil to fill hole and flush.

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

REMARKS (Continued)

<u>TIME</u>	<u>OP</u>	<u>TP</u>	<u>REMARKS</u>
1:15 pm			65½ barrels of oil in hole to fill
1:21 pm	100		Start flush, acid in
1:25 pm	Vac.		3 barrels oil in to flush, acid on bottom
1:37 pm	Vac.	150	Flushed with 15 barrels of oil
Ran rods and POB 14 hours, 42 barrels of oil (used in treating) and no water.			

RECORD OF FORMATIONS

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

<u>DATE</u>	<u>HOURS PUMPED</u>	<u>BBL. OIL</u>	<u>BBL. WATER</u>	<u>REMARKS</u>
9-2-51	13	38	0	Used in treatment
9-2-51	11	27	6	
9-3-51	24	48	18	
9-4-51	24	42	30	
9-5-51	24	40	30	

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 H. Seinke

WELL NO. 1 DISTRICT Eastern Kansas

SEC. 5 T. 10 R. 20

COUNTY Woods STATE Kans. JOB NO. _____

SURVEY _____ BLOCK _____

STATE Kansas

CLEANING OUT RECORD					PLUGGING BACK OR DEEPENING RECORD				
Date commenced.....	<u>February 2, 19 53</u>				Date commenced.....19			
Date completed.....	<u>February 11, 19 53</u>				Date completed.....19			
Cleaned out from.....	to.....	T.D. <u>3852'</u>			Plugged back or deepened from.....	to.....	T.D.....		
Prod. before <u>1</u> bbls. oil.....	<u>4</u> bbls. water.....	<u>--</u> cu. ft. gas.....			Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	
Prod. after <u>7 1/2</u> bbls. oil.....	<u>18 1/2</u> bbls. water.....	<u>--</u> cu. ft. gas.....			Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	
Kind of tools used:.....					Kind of tools used:.....				
Tools owned by: <u>Geo's well service</u>					Tools owned by:				

SHOT RECORD

Date	Size shot	Shot between	Size of shell	Put in by (Co.)	Length anchor	Distance below casing	Damage to casing or casing shoulder
<u>2/2/53</u>	<u>1000 gals. GEX</u>	<u>3846 Ft. and 3852 Ft.</u>		<u>Dowell Inc.</u>			

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

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

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

Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) On February 2, 1953, moved in servicing unit, pulled rods, lowered 2" tubing to 3851', and were unable to load hole with 105 barrels of oil. Treated with 1000 gallons of Dowell F-32 4-17" acid as follows:

ACID TREATMENT NO. 2 - Between 3846' and 3851'

Treatment put in 2/2/53 by Dowell Inc., using 1000 gallons of acid and 129 barrels of oil to fill hole and flush.

TIME	CP	TR	REMARKS
2:32 pm		150'	Filled hole with 105 barrels of oil
2:33 pm		Vac.	Start acid in tubing
2:44 pm		100'	Start flush
2:52 pm		100'	Flushed with 24 barrels of oil

Ran rods and POB 11 hours, 24 barrels of oil used in treating, and no water. On February 3, POB 24 hours, 77 barrels of oil (used in treating) and 7 barrels of water. The next 8 days pumped the

well as follows:

DATE	HOURS PUMPED	gal. OIL	gal. WATER	REMARKS
2-4-53	11	31	8	D for tank room
2-5-53	0			D for tank room
2-6-53	24	28	27	
2-7-53	24	29	26	
2-8-53	24	22	27	
2-9-53	0			D for tank room
2-10-53	24	13	23	
2-11-53	24	7½	18½	

RECORD OF FORMATIONS

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

PLUGGING BACK RECORD

Date commenced: April 21, 1953
Date completed: May 21, 1953

Plugged back from 3851' to 3844' PB TD-3844'

Production before: 7½ barrels of oil and 18½ barrels of water
Production after: 51 barrels of oil and 179 barrels of water
5½" casing perforated from 3839' to 3843' with 16 holes
Producing from: ~~Simpson Sand~~ ^{sub lime}

- - -

Moved in and rigged up cable tools of Flournoy Drilling Company on April 21, 1953. Ran tools to bottom and ran Lane-Wells Gamma Ray Survey from 3847½' to 3200'. On April 22, perforated 5½" casing from 3839' to 3844' with 40 holes by Lane-Wells, no increase in fluid. Then ran 2" tubing and were unable to fill hole with 100 barrels of oil. Spotted 30 gallons of Dowell Jelly-Seal and raised tubing to 3844'. Then treated with 300 gallons of Dowell "MF-32 W-17" acid as follows:

ACID TREATMENT NO. 1 - Between 3839' and 3844'

Treatment put in 4/22/53 by Dowell Inc., using 300 gallons of acid and 95 barrels of oil.

TIME	CP	TP	REMARKS
10:40 pm	Vac.	Vac.	Filled hole with 88 barrels of oil
10:50 pm	Vac.	Vac.	Ran 30 gallons Jelly-seal and 2 barrels oil
10:52 pm	Vac.	Vac.	Start acid
11:10 pm	Vac.	Vac.	Start oil to flush
11:15 pm	Vac.	Vac.	Flushed with 7 barrels of oil and treatment completed

Swabbed through tubing 7 hours, 32 barrels of oil used in treating, no water. On April 23, ran rods and FOB 15½ hours, 150 barrels of oil and 34 barrels of water. On April 24, FOB 19 hours, 69 barrels of oil and 207 barrels of water.

On April 25, pulled rods and tubing and reran 2" tubing with Halliburton HM packer set at 3820'. On April 26, filled annulus with 84 barrels of oil and pressured to 800#, no leaks found in 5½" casing above 3820'. Pulled tubing and packer and swabbed through 5½" casing 8 hours, 83 barrels of oil used to lead hole and 16 barrels of water. On April 27, ran 2" tubing with Halliburton DM tool set at 3804'. Pressured annulus to 400#, input below tool was 4 barrels per minute at 300#. Mixed 185 sacks of cement with 1½ calcium chloride, estimated 115 sacks of cement below DM tool at 400#-TP. Started to reverse out balance of cement and were unable to reverse out at 3800#. Pulled tubing and washed out 67 joints, left 78 joints of tubing plugged with cement. Shut down for cement to set.

On April 29, swabbed and bailed hole dry to 3804', 5½" casing tested dry. On April 30, drilled cement plug to 3844' SLM, 5½" casing tested dry. Loaded hole with 500' of water and perforated 5½" casing from 3839' to 3843' with 16 Lane-Wells Kene shots. Swabbed and bailed hole dry, tested slight show of oil and water. On May 1, ran 2" tubing and set Halliburton HM packer at 3800'. Filled hole with 98 barrels of oil and pressured annulus to 700#, input below packer at 1 barrel per minute at 4400#. Then treated with Sand-Oil-Frac as follows:

SAND-OIL-FRAC TREATMENT NO. 1 - Between 3839' and 3843'

Used 30 barrels heavy oil
1000# sand
Pressured to 5900#, reversed out estimated 5 barrels oil and 550# of sand
300 gallons Halliburton penetrating acid, displaced with 15 barrels oil
Maximum TP-4800#, dropped to 0#
Mixed 700# sand and 30 barrels heavy crude oil
Pressured to 6600#, reversed out 15 barrels oil, very little sand
Time 41 minutes

Pulled tubing and packer and on May 2, cleaned out with sand pump 9 hours; then swabbed through 5½" casing 8 hours, 80 barrels of treating oil and no water. On May 3, cleaned out to bottom and swabbed through 5½" casing 18 hours, 94 barrels of treating oil and 50 barrels of water. Then tested 6 barrels of fluid per hour, 40# water. On May 4, ran 2" tubing and rods and FOB 11 hours, 80 barrels of oil and 68 barrels of water. On May 5, FOB 17 hours, 53 barrels of oil and 124 barrels of water. On May 6, moved out cable tools and shut down for tank room.

On May 21, FOB 24 hours on State Corporation Commission physical potential test, 51 barrels of oil and 179 barrels of water. Daily allowable 25 barrels for remainder of May, 1953.

PLUGGING BACK RECORD

Date Commenced: October 22, 1956
Date Completed: November 6, 1956

Plugged back from 3844' to 3538' PB 3D-3538'

Production Before: 3 barrels of oil and 10 barrels of water
Production After: POC 24 hours, 33 barrels of oil and 33 barrels water

5 1/2" casing perforations open:

Above bridging plug: 3507'-3512' with 45 holes, and 3524'-3528' with 36 holes

Below bridging plug: 3564'-70' with 54 holes, 3600'-3604' with 12 holes, 3610'-3615' with 30 holes, 3621'-3626' with 30 holes, and 3784'-3794' with 60 holes

Producing Formation: Toronto and Lansing Limes

Moved in and rigged up cable tools of W. L. Copeland Drilling Company on October 22, 1956. Pulled rods and 2" tubing. Ran tools to bottom, 3844', then ran 2" tubing and set BM retainer at 3827'. Cemented off Arbuckle Lims with 100 sacks of special oil well cement, estimated 22 sacks below retainer at 3500'-TP. Reversed out 78 sacks of cement. Pulled 2" tubing and 5 1/2" casing tested dry.

Perforated 5 1/2" casing from 3784' to 3794' with 60 holes by Lane-wells, no shows. Treated through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 4 - Between 3784' and 3794'

Treatment put in 10/21/56 by Halliburton, using 500 gallons of acid and 93 barrels of water.

TIME	CP	TP	REMARKS
9:40 am			Start acid
10:00 am	200		Acid on formation
10:45 am	1000		
11:40 am	1000		80 gallons of acid in formation
11:47 am	1200		100 gallons of acid in formation
12:00 n	350		500 gallons of acid in formation

Swabbed through casing 2 hours, 93 barrels of water used in treating and swabbed to bottom. Bailed and tested 4 hours, 20 gallons of water per hour, no oil.

Set Baker bridging plug at 3640' and hole tested dry. Perforated 5 1/2" casing from 3621' to 3626' with 30 holes by Lane-wells, no shows. Treated through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 5 - Between 3621' and 3626'

Treatment put in 10/21/56 by Halliburton, using 500 gallons of acid and 92 barrels of water.

TIME	CP	TP	REMARKS
11:32 pm			Start acid
11:35 pm			500 gallons of acid in
11:48 pm			Acid on formation
11:50 pm	1000		
11:54 pm	700		
11:56 pm	850		
11:57 pm	850		Finished flush

Swabbed through 5 1/2" casing 1 1/2 hours, 92 barrels of water used in treating, no oil. Bailed and tested 4 hours, 31 gallons of water per hour, no oil.

Set Baker bridging plug at 3618' and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3600' to 3604' with 12 holes and from 3610' to 3615' with 30 holes by Lane-wells. Swabbed and tested 6 hours, 9 barrels of water per hour, no oil.

Set Baker bridging plug at 3560' and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3554' to 3570' with 54 holes by Lane-wells, no shows. Treated through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

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ACID TREATMENT NO. 6 - Between 3564' and 3570'

Treatment put in 10/25/56 by Halliburton, using 500 gallons of acid and 89 barrels of water.

TIME	CP	TP	REMARKS
8:23 pm			Start acid
8:26 pm			Acid in
8:46 pm			Acid on bottom
9:15 pm	500		
9:35 pm	500		30 gallons of acid in formation
9:50 pm	900		
9:55 pm	650		350 gallons of acid in formation
9:58 pm	600		500 gallons of acid in formation

Swabbed through 5 1/2" casing 8 hours, 89 barrels of water used in treating with trace of oil. Bailed and tested 2 hours, 10 gallons of oil and 2 1/2 barrels of water per hour.

Set Baker bridging plug at 3540' and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3524' to 3528' with 36 holes by Lane-wells, no shows. Treated through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 7 - Between 3524' and 3528'

Treatment put in 10/26/56 by Halliburton, using 500 gallons of acid and 88 barrels of water.

TIME	CP	TP	REMARKS
5:50 pm			Start acid
5:54 pm			500 gallons of acid in
6:08 pm			Acid on formation
6:42 pm	500		
6:45 pm	300		
7:01 pm	475		250 gallons of acid in formation
7:06 pm	500		330 gallons of acid in formation
7:11 pm	500		Treatment completed, 500 gallons of acid in formation

Swabbed through 5 1/2" casing 2 hours, 88 barrels of water used in treating; then swabbed 8 hours, 9 barrels of oil and 3 barrels of water. Ran 2" tubing and retreated with 2500 gallons of Halliburton HV acid as follows:

ACID TREATMENT NO. 8 - Between 3524' and 3528'

Treatment put in 10/27/56 by Halliburton, using 2500 gallons of acid and 91 barrels of oil.

TIME	CP	TP	REMARKS
3:45 pm			Loaded hole with 77 barrels of oil
4:05 pm			Start acid
4:10 pm			Acid on formation
4:18 pm	800	1750	500 gallons of acid in
4:26 pm	800	1600	1000 gallons of acid in
4:40 pm	600	1250	2000 gallons of acid in
4:45 pm	600	1250	2500 gallons of acid in

Ran rods and POB 4 hours, 77 barrels of oil used in treating; then POB 10 hours, 21 barrels of oil and 9 barrels of water. On October 28, POB 24 hours, 18 barrels of oil and 24 barrels of water.

Pulled rods and 2" tubing and set Baker bridging plug at 3520'. Swabbed and bailed the hole dry and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3507' to 3512' with 45 holes by Lane-wells, no shows. Treated through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 9 - Between 3507' and 3512'

Treatment put in 10/29/56 by Halliburton, using 2500 gallons of acid and 86 barrels of oil.

TIME	CP	TP	REMARKS
9:55 am			Start acid
10:00 am			Start flush
10:15 am			Acid on formation
11:20 am	500		80 gallons of acid in
12:35 pm	500		500 gallons of acid in

Swabbed through 5 1/2" casing 2 hours, 86 barrels of oil used in treating; then swabbed 5 hours, 9 barrels of oil and 3 barrels of water. Retreated with 1500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 10 - Between 3507' and 3512'

Treatment put in 10/30/56 by Halliburton, using 1500 gallons of acid and 85 barrels of oil.

TIME	CP	TP	REMARKS
12:41 pm			Start acid
12:50 pm			Start flush
1:00 pm			Acid on formation
1:40 pm			200 gallons of acid in formation
2:00 pm			600 gallons of acid in formation
2:30 pm	500		1500 gallons of acid in formation

Swabbed through 5½" casing 3 hours, 85 barrels of oil used in treating; then swabbed through 5½" casing 12 hours, 30 barrels of oil and 4 barrels of water.

Set Baker bridging plug at 3376' and hole tested dry. Perforated 5½" casing from 3358' to 3366' with 72 holes by Lane-wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 11 - Between 3358' and 3366'

Treatment put in 10/31/56 by Halliburton, using 500 gallons of acid and 83 barrels of oil.

<u>TIME</u>	<u>CP</u>	<u>TP</u>	<u>REMARKS</u>
4:00 pm			Start acid
4:05 pm			Start flush
4:15 pm			Acid on formation
4:45 pm	500		
5:20 pm	800		40 gallons of acid in
5:30 pm	1000		80 gallons of acid in
5:36 pm	800		500 gallons of acid in formation

Swabbed through 5½" casing 2 hours, 83 barrels of oil used in treating with show of water; then swabbed 9½ hours, no oil and 21 barrels of salt water.

Ran 2" tubing and set DM retainer at 3338'. Cemented off perforations from 3358' to 3366' with 250 sacks of special oil well cement, estimated 240 sacks below retainer at 2500'-TP. Reversed out estimated 10 sacks of cement. Pulled 2" tubing and shut down for cement to set.

On November 3, swabbed the hole dry to top of retainer at 3338' and 5½" casing tested dry. Drilled out retainer, drilled cement plug, and drilled bridging plugs at 3376' and 3520'. Swabbed and bailed the hole clean to 3538' SLM. Ran 2" tubing and rods and POB 13 hours, 31 barrels of oil and 37 barrels of water. Moved out cable tools. On November 6, POB 24 hours, 33 barrels of oil and 33 barrels of water.

PLUGGED BACK TOTAL DEPTH 3538'

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 Henry Hinkle WELL NO. 1 DISTRICT Westport, Kansas
 SEC. 5 T. 10S R. 20W COUNTY Neosho JOB NO. _____
 SURVEY _____ BLOCK _____ STATE Kansas

CLEANING OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced..... 19.....	Date commenced..... <u>January 2,</u> 19 <u>60</u>
Date completed..... 19.....	Date completed..... <u>January 6,</u> 19 <u>60</u>
Cleaned out from..... to..... T. D.....	Plugged back or deepened from..... <u>3530*</u> to..... <u>?</u> T.D..... <u>?</u>
Prod. before..... bbls. bbls. cu. ft. oil..... water..... gas	Prod. before..... bbls. bbls. cu. ft. oil..... water..... gas
Prod. after..... bbls. bbls. cu. ft. oil..... water..... gas	Prod. after..... bbls. bbls. cu. ft. oil..... water..... gas
Kind of tools used:.....	Kind of tools used:..... <u>Pulling Unit</u>
Tools owned by:.....	Tools owned by:..... <u>Skelly Oil Company</u>

SHOT RECORD

Date	Size shot	Shot between	Size of shell	Put in by (Co.)	Length anchor	Distance below casing	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

.....Liner set at..... Length..... Perforated at.....
 Packer set at..... Size and kind.....

.....
 Superintendent.

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

Water broke in. On January 2, 1960, pulled rods and tubing. On January 5, ran 2" tubing with Halliburton HRC packer and found hole in 5 1/2" casing at 1102'. Input tested 3 barrels per minute at 500'. Pulled tubing and packer.

Set 5 1/2" Lane-Kells bridging plug at 1475' and ran 2" tubing with Halliburton HRC packer. Found hole in 5 1/2" casing at 1482' (communication back of 5 1/2" casing between holes).

Set packer at 1080' and cemented off holes with 250 sacks of S.C.W. Pozmix cement, 238 sacks below packer at 1100', reversed out 12 sacks. Finished 1:30 p.m. 1/6/60. Pulled tubing and packer. Shut down.

RECORD OF FORMATIONS

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