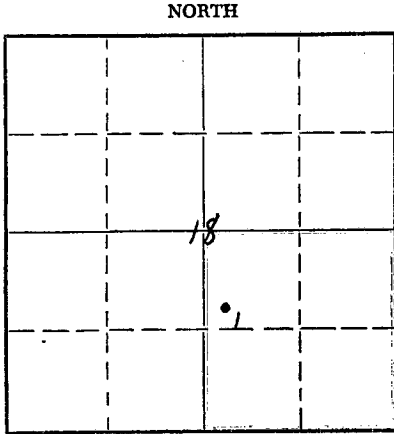


Give all information Completely
Make Required Affidavit
File or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

15-051-05751-0000
WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Ellis County, Sec. 18 Twp. 11S Rge. (E) 16 (W)
Location as "NE/CNW%SW%" or footage from lines SW/4 NW/4 SE/4
Lease Owner Skelly Oil Company
Lease Name Melvin P. Cress Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed December 2, 1948
Application for plugging filed February 18, 1954
Application for plugging approved February 19, 1954
Plugging commenced February 18, 1954
Plugging completed February 25, 1954
Reason for abandonment of well or producing formation Depleted Oil Well

If a producing well is abandoned, date of last production January 27, 1954
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes (verbally)

Name of Conservation Agent who supervised plugging of this well Mr. Eldon Petty
Producing formation Arbuckle Lime Depth to top 3330' Bottom 3342' Total Depth of Well 3342 Feet
Show depth and thickness of all water, oil and gas formations. PB 3320'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Arbuckle Lime	Oil	3330'	3342'	8-5/8"	995'0"	None
Simpson Dolomite	Oil	3312'	3319'	5-1/2"	3367'6"	2465'6"

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 3320' to 3300'
4 sacks of cement 3300' to 3245'
Mud laden fluid 3245' to 310'
Rock 310' to 300'
25 sacks of cement 300' to 200'
Mud laden fluid 200' to 30'
10 sacks of cement 30' to 6'
Surface soil 6' to 0'

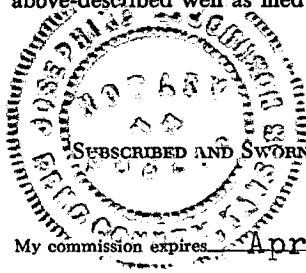
RECORDED
STATE CORPORATION COMMISSION
MAR 17 1954
CONSERVATION DIVISION
Wichita, Kansas
BCVO
03-11-54

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor C. E. Shull
Address Great Bend, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.
H. E. Wamsley (employee of 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) _____
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 8th day of March, 1954
My commission expires April 7, 1955
Josephine L. Johnson Notary Public.



PLUGGING
FILE SEC 18 T 11 R 16W
BOOK PAGE 14 LINE 29

15-051-05751-0000 NORTH

SKELLY OIL COMPANY



Well Record

Lease Name and No. Malvin P. Cross Well No. 1 Elev. 1794' BH
 Lease Description SE/4 of Section 18-113-168,
Ellis County, Kansas
 Location made October 27, 1948 by G. A. Richter
990 feet from North line SE/4 feet from East line
330 feet from South line 380.18 feet from West line of

Work com'd 11/1 19 48 Rig com'd 11/3 19 48 Drlg. com'd 11/3 19 48 Drlg. comp'd 11/23 19 48
 Rig Contractor Claude Wentworth Drilling Company, Inc.
 Drilling Contractor Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma
 Rotary Drilling from Top to 3342' SLM Cable Tool Drilling from To complete to
 Commenced Producing December 2, 1948 { Initial Prod. before shot or acid JOB 7 hrs. 45 30 7 BW Bbls.
 Initial Prod. after shot or acid JOB 24 hrs. to estab. Bbls.
S.O.S. potential of 35 bbls.
 Dry Gas Well Press _____ Volume _____ Cu. ft.
 Casing Head Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (8-5/8" 5 1/2" OD) Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION Arbuckle Line Top 3330' Bottom 3342' TOTAL DEPTH 3342' SLM
 (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 1/2	BR	992	(Lot 15)	37	995	0	R2 SS	A	4.75	Halliburton			
5-1/2"	17	BR	3330'	(Lot 14)	150	3367	6	R1 LW	A	150	Halliburton			
(8-5/8" casing set 6' in collar and 5 1/2" cased to derrick floor)														
Used 1 - 5 1/2" OD Larkia 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

	FIRST	SECOND	THIRD	FOURTH
Date	12/13/48	12/15/48	12/18/48	
Acid Used	200	400	500	
Size Shot				
Shot Between	3330 Ft. and 3336 Ft.	3330 Ft. and 3336 Ft.	3330 Ft. and 3342 Ft.	
Size of Shell				
Put in by (Co.)	Dowell Inc.	Dowell Inc.	Dowell Inc.	
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	2954'						
Toronto Line	2978'						
Lansing Line	3002'				3073'	3077'	Fair por. & saturation
Conglomerate	3271' SLM						
Simpson Shale	3291' SLM						
Simpson Dolomite	3318' SLM						
Arbuckle Line	3328' SLM				3330'	3342'	Fair por. & saturation

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						" " " " "

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil	0	10	
Clay and sand rock	10	40	
Shale	40	220	
Clay, shale and sand rock	220	600	
Red bed and shale	600	988	
Sand rock	988	989	
Anhydrite	989	992	
	992	1035	Set and cemented 8-5/8" OD, 28.5' on thd., welded R-2, 1300' test steel casing (Lot 5) at 992' with 75 sacks of cement and 3 sacks of aquagel.
	1035	1330	8-5/8" casing settled 2', re-cemented casing with 400 sacks of cement and 12 sacks of aquagel, and cement circulated.
	1330	1655	
	1655	2140	
	2140	2580	
	2580	2832	
	2832	2953	
	2953	3039	

FORMATION	TOP	BOTTOM	REMARKS
	3039	3073	
	3073	3077	
	3077	3331	
	3331	3333	
	3333	3337	
	3337	3342	
	3342	3345	

SHOT OR ACID TREATMENT RECORD

FORMATION	TOP	BOTTOM	REMARKS
	3345	3342	

Ran 2" tubing and rods and FOB 7 hours, 45 barrels of oil and 7 barrels of water. On December 3, FOB 23 hours, 23 barrels of oil and 55 barrels of water. On December 4, FOB 12 hours, 7 barrels of oil and 30 barrels of water.

Pulled rods and tubing and plugged back with sand from 3342' to 3340 1/2'. On December 5, plugged back with 9 gallons of Dowell plastic from 3340 1/2' to 3339'. On December 6, bailed hole to 250' off bottom, shut down 1 hour, ran bailer and found 75' of oil and 500' of water in hole. On December 7, plugged back with 5 gallons of Dowell plastic from 3339' to 3337' with 1500'. On December 9, bailed hole dry, shut down 1 hour, tested 1 barrel of fluid (10% oil); shut down 2 hours, tested 2 barrels of fluid (10% oil); shut down 1 hour, tested 1 barrel of fluid (10% oil). On December 10, bailed and tested 12 hours, 5 barrels of oil and 10 barrels of water.

On December 11, plugged back with 5 gallons of Dowell plastic from 3337' to 3335' at 975' pressure. On December 13, bailed the hole dry and tested 6 hours, 1 1/2 barrels of oil and 3 barrels of water. Correction: PB TD-3335' equals PB TD-3336'.

ACID TREATMENT NO. 1 - Between 3330' and 3336'

Treatment put in 12/13/48 by Dowell Inc., using 200 gallons of acid and 31 barrels of oil to fill hole and flush.

TIME	OP	TP	REMARKS
6:30 PM			Start to fill hole
7:10 PM			filled hole with 76 barrels of oil
7:20 PM			200 gallons of acid in hole, on bottom, let soak
7:50 PM	Vac.	Vac.	2 barrels of oil in hole to flush
8:00 PM	Vac.	Vac.	Flushed hole with 5 barrels of oil and treatment completed.

After acid treatment swabbed through 2" tubing 6 hours, 85 barrels of oil with trace of water. Swabbed 3 hours, 2 1/2 barrels of oil and 3 barrels of water. Ran rods and FOB 10 hours, 3 barrels of oil and 15 barrels of water.

On December 15, pulled rods and treated with 400 gallons of Dowell "KAP-18 W-17" acid as follows:

ACID TREATMENT NO. 2 - Between 3330' and 3336'

Treatment put in 12/15/48 by Dowell Inc., using 400 gallons of acid and 85 1/2 barrels of oil to fill and flush hole.

TIME	CP	TP	REMARKS
3:10 PM			Start oil in tubing
3:35 PM			Filled hole with 76 barrels of oil
3:50 PM	250'	150'	400 gallons acid in hole, on bottom
4:20 PM	250'	150'	2 barrels of acid in formation
4:50 PM	250'	175'	5 barrels of acid in formation
5:20 PM	250'	200'	8 barrels of acid in formation
5:40 PM	250'	250'	400 gallons of acid in formation and treatment completed

Swabbed through 2" tubing 6 hours, 3 barrels of oil and 9 barrels of water. Ran rods and on December 16, PGB 12 hours, 14 barrels of oil and 41 barrels of water and well pumped off. On December 17, pulled rods and tubing and drilled plastic plug out to bottom, 3342'.

TOTAL DEPTH 3342'

Ran 2" tubing and on December 18, treated with 500 gallons of Dowell "KAP-18 W-17" acid as follows:

ACID TREATMENT NO. 3 - Between 3330' and 3342'

Treatment put in 12/18/48 by Dowell Inc., using 500 gallons of acid and 48 barrels of oil to fill and flush hole.

TIME	CP	TP	REMARKS
9:15 PM			Filled hole with 35 barrels of oil
9:20 PM	600'		3 minute input test, 1 bbl. per minute
9:25 PM			Acid on bottom
9:40 PM	150'	Vac.	42 gallons acid in formation
9:50 PM	100'	Vac.	120 gallons acid in formation
10:00 PM	Vac.	Vac.	210 gallons acid in formation
10:24 PM	Vac.	Vac.	370 gallons of acid in formation
10:38 PM	Vac.	Vac.	500 gallons of acid in formation and treatment completed

Swabbed through 2" tubing 4 hours, 56 barrels of oil. On December 19, swabbed 1 hour, 3 barrels of oil and 11 barrels of water. Ran rods and PGB 12 hours, 33 barrels of oil and 156 barrels of water. On December 20, PGB 24 hours, 52 barrels of oil and 222 barrels of water. On December 21, PGB 20 hours, 34 barrels of oil and 189 barrels of water.

On December 24, PGB 24 hours, 34.80 barrels of oil and 140 barrels of water to establish 24 hour State Corporation Commission potential of 35 barrels. Allowable 25 barrels per day.

SLOPE TEST DATA

Tests were taken at 250' intervals from 250' to 3000' with no deviation from vertical noted.

ANALYSIS OF WATER

Skelly Oil Company Laboratories, El Dorado, Kansas

December 27, 1948

Sample No. C-48-12-15

Water sample from M. P. Cross well No. 1, Total Depth 3342'

Sample received 12/15/48

	Grains per Gallon	Parts per Million	Percent by Weight
Chlorides expressed as NaCl	2,360	40,398	4.04
Chlorides expressed as Cl.	1,432	24,505	2.45
Total Solids	2,966.1	50,790	5.08
Sulphates expressed as CaSO ₄	186.8	3,198	0.32
Sulphates expressed as SO ₄	131.8	2,256	0.23

PLUGGING BACK RECORD

Date commenced: March 13, 1953
Date completed: April 5, 1953

Plugged back from: 3342' to 3320' PB TD-3320'SLM

Production before: 4 barrels of oil and 49 barrels of water
Production after: 11.28 barrels of oil and 9.60 barrels of water

5½" casing perforated from 3312' to 3319' with 55 holes

Producing from: Dolomite Simpson

Moved in and rigged up cable tools of W. L. Copeland on March 13, 1953. Pulled rods and tubing and cleaned out to bottom. Ran Lane-Wells Gamma Ray Survey from 3342' to 0'. On March 15, ran 2" tubing and set Halliburton retainer at 3290' and cemented off Arbuckle Lime with 125 sacks of regular cement, estimated 60 sacks below retainer. Reversed out estimated 65 sacks of cement, pulled tubing and shut down for cement to set.

On March 17, swabbed and bailed the hole dry to 3290' and 5½" casing tested dry. Drilled retainer and drilled cement plug to 3329' and 5½" casing tested dry. Perforated 5½" casing from 3323' to 3329' with 46 holes by Lane-Wells. Tested 2 gallons of muddy oil per hour. Ran 2" tubing and treated with 500 gallons of Dowell "KXP-26 W-17" acid as follows:

ACID TREATMENT NO. 4 - Between 3323' and 3329'

Treatment put in 3/18/53 by Dowell Inc., using 500 gallons of acid and 73 barrels of oil to fill hole and flush.

TIME	GP	TP	REMARKS
11:30 pm			Filled hole with oil
11:35 pm	100		Start acid in tubing
11:42 pm	100		500 gallons of acid in
11:57 pm	300		Start flush
12:30 am	475	200	31 gallons of acid in formation
1:00 am	350	100	169 gallons of acid in formation
1:15 am	200	100	350 gallons of acid in formation
1:29 am	200	175	500 gallons of acid in formation

Swabbed through 2" tubing 2 hours, 68 barrels of oil used in treating and 7 barrels of water. On March 19, swabbed through 2" tubing 2 hours, 4 barrels of oil and 8 barrels of water (oil used in treating). Ran rods and POB 19 hours, 3 barrels of oil and 200 barrels of water. Pulled rods and tubing and set Baker bridging plug at 3290'. Swabbed and bailed the hole dry and 5½" casing tested dry. Perforated 5½" casing from 3262' to 3268' with 48 holes by Lane-Wells and from 3270' to 3282' with 96 holes, no shows. Ran 2" tubing and ran Halliburton Sand-Oil-Frac as follows:

SAND-OIL-FRAC TREATMENT NO. 1 - Between 3262'-68' and 3270'-82'

Used 63 barrels of heavy crude oil
2000# of sand
Maximum TP-4200#, minimum 3700#, final TP-1000#
Used total of 181 barrels oil during treatment

Pulled tubing and packer and swabbed through 5½" casing 3 hours, 85 barrels of oil used in treating and swabbed to bottom. Bailed and cleaned out 9 hours, 5 gallons of oil per hour. On March 23, ran 2" tubing and set Halliburton packer at 3244' and pumped into formation 4 barrels of oil per minute at 2800#. Ran Halliburton Sand-Oil-Frac as follows:

SAND-OIL-FRAC TREATMENT NO. 2 - Between 3262'-68' and 3270'-82'

Used 250# moth balls with 5 barrels of heavy crude oil and pumped into formation at 2600#.
Flushed with 18 barrels of oil
Used 2000# of sand with 58 barrels of heavy oil and pumped into formation at 3500#, broke to 3100#
Flushed with 40 barrels of oil
Time 28 minutes
Used total of 206 barrels of oil during treatment

Pulled tubing and packer and swabbed through 5½" casing 5 hours, 97 barrels of oil used in treating and swabbed to bottom. Bailed and cleaned up hole to bottom 4 hours; then bailed and tested 10 hours, 103 gallons of oil used in treating with trace of water. Drove bridging plug from 3290' to 3329'. Ran 2" tubing and set Halliburton DM retainer at 3230' and cemented off perforations from 3262' to 3282' and 3323' to 3329' with 120 sacks of common cement and 2% calcium chloride, estimated 103 sacks below retainer at 2300#-TP. Pulled tubing and shut down for cement to set.

On March 27, swabbed and bailed hole dry to 3230', 5 1/2" casing tested dry. Drilled cement plug to 3320' SLM and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3312' to 3319' with 55 holes by Lane-Wells, tested 2 gallons of fluid per hour, 50% oil. Ran 2" tubing and set Halliburton HM packer at 3300'. Treated with 200 gallons of Halliburton 15% acid then ran Sand-Oil-Frac treatment as follows:

OIL-SAND-FRAC TREATMENT NO. 3 - Between 3312' and 3319' *Sp. Hols*

- Used 60 barrels of heavy oil
- 2000' of sand
- Maximum TP-3400', minimum TP-2800', final TP-900'
- Time 38 minutes
- Used total of 176 barrels of oil during treatment

Pulled tubing and packer and swabbed through 5 1/2" casing 14 hours, 92 1/2 barrels of oil used in treating and 4 1/2 barrels of water. Bailed and cleaned up hole, and ran 2" tubing and rods. POB 14 hours, 26 1/2 barrels of oil used in treating and 2 barrels of water. On April 1, moved out cable tools and POB 20 hours, 26.10 barrels of oil used in treating and 1 1/2 barrels of water. On April 2, POB 24 hours, 16 barrels of oil used in treating and 6 barrels of water. On April 3, POB 24 hours, 15 barrels of oil used in treating and 5 barrels of water. On April 4, POB 24 hours, 10 1/2 barrels of oil and 8 barrels of water. On April 5, POB 24 hours, 11.28 barrels of oil and 9.60 barrels of water.

PLUGGING
 REC 181 11 10 11
 PAGE 17 LINE 29

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. P. Gress

WELL NO. 1 DISTRICT Western Kansas

SEC. 18 T. 11N R. 16W

COUNTY Ellis JOB NO. 8302

SURVEY _____ BLOCK _____

STATE Kansas

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....	19.....			Date commenced.....	February 18, 19 54		
Date completed.....	19.....			Date completed.....	February 25, 19 54		
Cleaned out from.....	to.....	T. D.....		Plugged back or deepened from.....	to.....	T. D. P & A	
Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. before.....	1 bbls. oil.....	.68 bbls. water.....	-- cu. ft. gas.....
Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....
Kind of tools used:.....				Kind of tools used:.....	Pulling machine		
Tools owned by:.....				Tools owned by:.....	C. E. Shull		

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
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					

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
5-1/2"	178	82		110	2465	6	40	902	0	R1 LN	C		

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

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

STATE OF KANSAS

CONCEIVED FOR THE
WELL RECORD



Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) On February 16, 1954, moved in machine of C. E. Shull and plugged the well as follows:

Sand	3320' to 3300'
4 sacks of cement	3300' to 3245'
Shot 5 1/2" casing at 2800', 2710', 2620', 2530', 2440' and 2400'. Pulled 110 joints (2465' 6") of 5 1/2" OD, 17 1/2, 8R thd., R-1, L.W. steel casing (C cond.)	
Mud laden fluid	3245' to 310'
Rock	310' to 300'
25 sacks of cement	300' to 200'
Mud laden fluid	200' to 30'
10 sacks of cement	30' to 6'
Surface soil	6' to 0'

Plugged and abandoned February 25, 1954.

RECORD OF FORMATIONS

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