

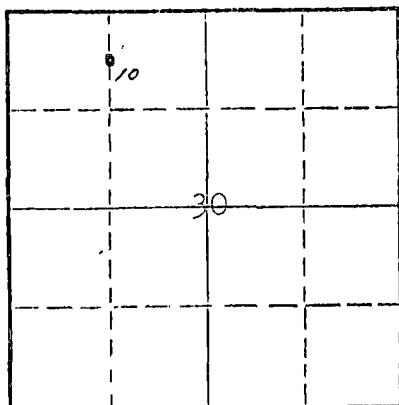
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Kingman County, Sec. 30 Twp. 27S Rgs. (E) 10 (W)

Location as "NE/CNW&SW&" or footage from lines C N/2 NW/4
Lease Owner Skelly Oil Company
Lease Name Cunningham "B" Unit Well No. 10
Office Address P. O. Box 649, McCook, Nebraska 69001
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed September 5, 1936
Application for plugging filed April 10, 1967
Application for plugging approved April 13, 1967
Plugging commenced May 8, 1967
Plugging completed May 11, 1967
Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production February 1, 1960

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 _____ Bottom _____ Total Depth of Well 4212 Feet

Show depth and thickness of all water, oil and gas formations.

PB 3523'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Admire	Gas	2035'	2042'	10"	340' 10"	None
Arbuckle Lime	Oil	4140'	4165'	7"	2031'	835'
Lansing Lime	Oil	3426'	3514'	4-1/2"	4244' 3"	1577'

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	3523' to 3400'
10 sacks of cement	3400' to 3310'
Mud	3310' to 280'
Rock bridge	280' to 270'
30 sacks of cement	270' to 40'
Rock bridge	40' to 30'
15 sacks of cement	30' to Base of cellar
Surface soil	Cellar to Surface

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JUN 5 1967

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Knight Casing Pulling Company
Address P. O. Box 304, Chase, Kansas 67524

STATE OF Nebraska, COUNTY OF Red Willow, ss.
Charles R. Davis (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)

Charles R. Davis

(Address)

P. O. Box 649, McCook, Nebraska 69001

SUBSCRIBED AND SWORN TO before me this 2nd day of June, 1967

COMMISSION EXPIRES JUNE 13, 1969

My commission expires _____

Notary Public.

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 J. M. McIntosh

WELL NO. 7

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....	19.....			Date commenced.....	November 23, 19	48	
Date completed.....	19.....			Date completed.....	December 14, 19	48	
Cleaned out from.....	to.....	T. D.		Plugged back or deepened from.....	3612'	to.....	3523' T.D. 3523'
Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. before.....	1 bbls. oil 19	bbls. water 0	cu. ft. gas.....
Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. after.....	20 bbls. oil 30	bbls. water 0	cu. ft. gas.....
Kind of tools used:.....				Kind of tools used: <u>Cable</u>			
Tools owned by:.....				Tools owned by: <u>Flournoy Drilling Company</u>			

SHOT RECORD Prod. from: Landing Line

Date	11/26/48	12/5/48	12/5/48	
Size shot	1000 gals. <u>3527</u> Qts.	1000 gals. <u>3531</u> Qts.	1000 gals. <u>3509</u> Qts.	Qts.
Shot between	<u>3527</u> Ft. and <u>3531</u> Ft.	<u>3509</u> Ft. and <u>3514</u> Ft.	<u>3483</u> Ft. and <u>3488</u> Ft.	Ft. and Ft.
Size of shell				For remaining
Put in by (Co.)	Halliburton	Halliburton	Halliburton	treatments see
Length anchor				Remarks
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
4 1/2" casing			perforated:	28	holes	3543-47	28	holes	3527'-31'			all	
cemented off:				30	holes	3509'-14'	30	holes	3488'-83'			20 holes	3484'-68'
126 holes				3485'-44'									

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.

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OPERATIONS DIVISION
Wichita, Kansas

J. M. RATCLIFF WELL NO. 7

Moved in and rigged up cable tools on November 23, 1948. Pulled 2" tubing and set Lane-wells bridging plug at 3565' and perforated 4 1/2" OD casing by Lane-wells from 3543' to 3547' with 28 holes, no shows. Perforated from 3527' to 3531' with 28 holes, tested 14 gallons of water per hour with seum of oil. On November 26, ran 2" tubing and treated with 1000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 8 - Between 3527'-31 and 3543' and 47'

Treatment put in 11/26/48 by Halliburton, using 1000 gallons of 15% acid and 60 barrels of oil to fill and flush.

TIME	CP	TP	REMARKS
1:40 PM			Filled hole with 35 barrels of oil
4:15 PM			Start acid down tubing
4:29 PM			Acid on bottom
4:33 PM	450	450	100 gallons of acid in formation
4:37 PM	400	400	170 gallons of acid in formation
4:40 PM	400	400	380 gallons of acid in formation
4:50 PM	350	350	800 gallons of acid in formation
4:53 PM	400	400	1000 gallons of acid in formation, start flush
4:58 PM	300	300	Flushed hole with 25 barrels of oil and treatment completed

Swabbed out oil used in treating, then swabbed 24 hours, 10 barrels of oil and 189 barrels of water. On November 28, swabbed 24 hours, no oil and 150 barrels of water. On November 29, pulled tubing and reran tubing and set Halliburton cement retainer at 3517', and retainer would not hold. Unscrewed from retainer, pulled tubing, and drove retainer to bottom. Reran tubing and set new Halliburton retainer at 3506' and cemented off perforations from 3547' to 3531' with 150 sacks at 2500' tubing pressure. Pulled tubing and shut down for cement to set.

On December 3, bailed hole dry and drilled cement retainer to 3506' and lost tools in the hole. Flashed and recovered tools and drilled up Halliburton retainer and drilled cement plug to 3523'. On December 5, perforated 4 1/2" OD casing from 3509' to 3514' with 30 holes, no shows. Perforated with 30 holes from 3488' to 3483', no shows. Ran 2" tubing and set Halliburton packer at 3500', and acidized with 1000 gallons by Halliburton as follows:

ACID TREATMENT NO. 9 - Between 3509' and 3514'

Treatment put in 12/5/48 by Halliburton, using 1000 gallons of 15% acid and 59 barrels of oil to fill and flush tubing.

TIME	CP	TP	REMARKS
6:10 PM			Filled hole with 45 barrels of oil
6:15 PM			Start acid down tubing
6:30 PM			Acid on bottom
7:00 PM		900	100 gallons acid in hole
8:10 PM		1000	400 gallons acid in hole
9:20 PM		1300	1000 gallons acid in hole, start flush
9:22 PM			Flushed hole with 14 barrels of oil and treatment completed

ACID TREATMENT NO. 10 - Between 3483' and 3488'

Treatment put in 12/5/48 by Halliburton, using 1000 gallons of 15% acid and 39 barrels of oil to fill and flush tubing.

TIME	CP	TP	REMARKS
			Filled hole with 45 barrels of oil
9:25 PM			Acid on bottom
9:45 PM	350	350	500 gallons of acid in hole
10:15 PM	200	200	1000 gallons of acid in hole, start flush
10:20 PM			Flushed hole with 14 barrels of oil and treatment completed

Swabbed out oil used in treating, then swabbed 12 hours, 49 barrels of oil and no water. On December 7, treated with 3000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 11 - Between 3483' and 3488'

Treatment put in 12/7/48 by Halliburton, using 3000 gallons of 15% acid and 85 barrels of oil to fill and flush tubing.

TIME	CP	TP	REMARKS
2:40 PM			Filled hole with 65 barrels of oil
2:45 PM			Acid on bottom
2:52 PM			1300 gallons of acid in hole
2:58 PM			3000 gallons of acid in hole, start flush
2:59 PM			Flushed hole with 20 barrels of oil and treatment completed

Swabbed out oil used in treating then swabbed 12 hours, 5/4 barrel oil and 3/4 barrel of water per hour. Pulled 2" tubing and set Lane-wells bridging plug at 3475'. Perforated 4 1/2" casing by Lane-wells from 3464'-68' with 28 holes, small show of oil. Perforated from 3426'-44' with 126 holes, no shows. On December 10, ran 2" tubing and set Halliburton hookwell packer with EC tool at 3434', then treated with 1000 gallons of Halliburton acid from 3464' to 3468' as follows:

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ACID TREATMENT NO. 12 - Between 3464' and 3468'

Treatment put in 12/10/48 by Halliburton, using 1000 gallons of 15% acid and 45 barrels of oil to fill hole.

TIME	CP	EF	REMARKS
11:55 AM			Filled hole with 45 barrels of oil
12:12 PM			acid on bottom
12:13 PM		800	200 gallons of acid in hole
12:15 PM		0	500 gallons of acid in hole
12:25 PM		0	1000 gallons of acid in hole

Then treated from 3426' to 3444' with 1000 gallons acid by Halliburton as follows:

ACID TREATMENT NO. 13 - Between 3426' and 3444'

Treatment put in 12/10/48 by Halliburton, using 1000 gallons of 15% acid and 59 barrels of oil to fill and flush tubing.

TIME	CP	EF	REMARKS
3:45 PM			Filled hole with 45 barrels of oil
3:50 PM		500	acid on bottom
3:53 PM	400	300	200 gallons of acid in hole
4:03 PM	Vac.	Vac.	1000 gallons of acid in hole, start flush
4:05 PM			Flushed hole with 14 barrels of oil and treatment completed.

Swabbed out oil used in treating, then swabbed 24 hours from 3426' to 3444', 25 barrels of oil and 37 barrels of water. Opened AC tool on packer and swabbed 24 hours from 3464' to 3468', 22 barrels of oil and 33 barrels of water.

On December 13, pulled tubing and packer and drilled up Leno-wells bridging plug and cleaned out to bottom. On December 14, ran tubing and rods and moved out cable tools.

Installed regular/pumping equipment, and on December 27, FOB 24 hours, 20 barrels of oil and 30 barrels of water. On December 28, FOB 24 hours, 25 barrels of oil and 37 barrels of water. On December 29, FOB 24 hours, 24 barrels of oil and 34 barrels of water. On December 30, FOB 24 hours, 23 barrels of oil and 33 barrels of water. On January 1, 1949, FOB 24 hours, 20 barrels of oil and 30 barrels of water.

ANALYSIS OF WATER

Skelly Oil Company Laboratories, El Dorado, Kansas

Sample No. C-48-12-11

One quart of water taken from 3547'-35521', 11/30/48

Sample received 12/3/48

	Grains per Gallon	Parts per Million	Percent by weight
Chlorides expressed as NaCl.	12,800.0	215,687	21.5687
Chlorides expressed as Cl.	7,643.0	130,833	13.0833
Sulphates expressed as CaSO ₄	5.45	93.3	0.0093
Sulphates expressed as SO ₄	3.85	65.8	0.0066

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