

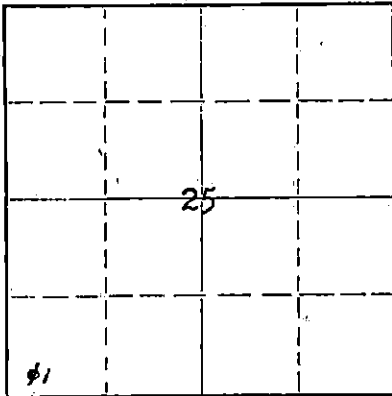
STATE CORPORATION COMMISSION

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

15-119-10187-0000 sec

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Meade

County, Sec. 25 Twp. 33S Rge. (E) 29 (W)

Location as "NE/CNW/SW" or footage from lines SW/4 SW/4 SW/4

Lease Owner Skelly Oil Company

Lease Name E. M. Eckhoff Well No. 1

Office Address P.O. Box 649, McCook, Nebraska

Character of Well (completed as Oil, Gas or Dry Hole) Gas

Date well completed April 17, 19 58

Application for plugging filed July 22, 19 63

Application for plugging approved July 23, 19 63

Plugging commenced July 27, 19 63

Plugging completed August 5, 19 63

Reason for abandonment of well or producing formation Would not flow against pipe line pressure

If a producing well is abandoned, date of last production July 26, 19 63

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. Hugh Scott

Producing formation Morrow Sand Depth to top 5666' Bottom Total Depth of Well 5838 Feet

Show depth and thickness of all water, oil and gas formations. PB 5695'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Morrow Sand	Gas	5666'	5682'	8-5/8"	1457'6"	None
				5-1/2"	5886'2"	2585'

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	5695' to 5200'
20 sacks of cement	5200' to 5100'
Mud	5100' to 700'
Rock bridge	700' to 690'
35 sacks of cement	690' to 590'
Mud	590' to 50'
Rock bridge	50' to 40'
15 sacks of cement	40' to 6'
Surface soil	6' to Surface

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 Wichita, Kansas

Name of Plugging Contractor Ralph Comstock Pipe Pulling, Inc.

Address Stafford, Kansas

STATE OF Nebraska, COUNTY OF Red Willow, ss. C. F. Bass

(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) C. F. Bass

P.O. Box 649, McCook, Nebraska

(Address)

SUBSCRIBED AND SWORN TO before me this 4th day of September, 1963

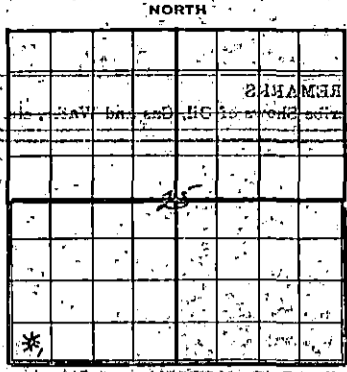
COMMISSION EXPIRES JUNE 13, 1969

My commission expires

C. C. Lindsey
 Notary Public.

15-119-10187-0000

SKELLY OIL COMPANY



Well Record

Lease Name and No. G. M. Rehoff 136061 Well No. 1 Elev. 2112.5'

Lease Description 8/2 Section 25-339-29N

Madison County, Kansas (320 Acres)

Location made February 26, 1958 by W. C. Hildebrand

feet from North line _____ feet from East line 515'

feet from South line 330 feet from West line of 200' 25

Work com'd. 2/27 19 58 Rig com'd. 3/3 19 58 Drig. com'd. 3/3 19 58 Drig. com'd. 4/6 19 58

Rig Contractor Chas. Hulce Drig. Contr.

Drilling Contractor Chas. Hulce Drig. Contr., Great Bend, Kansas

Rotary Drilling from 0' to 5830' Cable Tool Drilling from To complete

Completed April 17, 1958 Initial Prod. before shot or acid _____ Bbls.

Commenced Producing _____ 19 _____ Initial Prod. after shot or acid _____ Bbls.

SI for pipeline connection _____

Dry Gas Well Press. _____ Volume 9,183,000 Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (3-5/8" casing) Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (3-5/8" casing) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION Lower Sand (Name) Top 5666' Bottom 5682' TOTAL DEPTH 5838' DL 5695'

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	
8-5/8"	24	02	1450'				10	145'	6	J55 R2	SB	1	940	Halliburton
5-1/2"	15	02					62	195'	6	J55 R2	SB	1		
5-1/2"	14	02					98	301'	9	J55 R2	SB	1		
5-1/2"	15	02	5838'				32	101'	11	J55 R2	SB	1	300	Halliburton
(8-5/8" casing set 3 1/2" in collar and 5 1/2" cased to derrick floor)														
5 1/2" casing perforations set above RD TD: 5666'-5682' with 52 holes														
Below RD TD: None														

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Liner Set at _____ Length _____ Perforated at _____

Liner Set at _____ Length _____ Perforated at _____

Packer Set at _____ Size and Kind _____

Packer Set at _____ Size and Kind _____

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SHOT OR ACID TREATMENT RECORD

Date	FIRST		SECOND		THIRD		FOURTH	
	Gals.	Qts.	Gals.	Qts.	Gals.	Qts.	Gals.	Qts.
4/12/58	500							

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Hecbner Shale	4332'						
Landing Zone	4471'						
Huron	5110'						
Cherokee	5266'						
Harrow Shale	5650'						
Harrow Sand	5666'		5666'	5682'			
Chester	5721'						

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
Clay	0	70	
Shale and sand	70	550	
Red bed, shale, shells	550	810	
Shale and lime	810	1055	
Shale and shells	1055	1225	
Lime, shells	1225	1305	
Lime, shells and sand	1305	1460	Set and cemented 8-5/8" 24' 8 1/2 thd., B-2, J-55, S.S. casing (A cond.) at 1459' with 600 sacks of Pozmix cement and 300 sacks of common cement with 2% calcium chloride. Cement did not circulate. Cemented behind 8-5/8" casing with 40 sacks of common cement with 2% calcium chloride. Finished 9:00 a.m. 3/6/58.
Shale	1460	1715	
Shale and shells	1715	2030	
Shale and lime	2030	2190	
Lime	2190	2255	
Lime and shale	2255	2475	
Lime	2475	2700	
Lime and shale	2700	2750	
Lime	2750	3050	
Shale and lime	3050	3515	
Lime	3515	3558	
Shale and lime	3558	3735	
Lime	3735	3840	
Lime and shale	3840	3915	
Lime	3915	4018	
Lime and shale	4018	4090	
Lime	4090	4185	
Shale	4185	4265	
Shale and lime	4265	4310	
Lime and shale	4310	4484	
Lime	4484	5116	TOP HERKNER SHALE 4332' TOP LANSING LIME 4484' TOP MARLTON 5116' Ran Halliburton drill stem test No. 1, packer set at 5131', used 15' anchor, open 1 hour, fair blow throughout test, recovered 450' of gas in drill pipe, 50' gas cut mud, IDHP-6550, IFFP-224, FFP-48, FFP-325, 20 mins.
Lime	5116	5216	Ran Halliburton drill stem test No. 2, packer set at 5195', used 21' anchor, open 1 hour, no blow, recovered 10' drilling mud, IDHP-0, FFP-0, IFFP-0, 20 minutes.
Lime	5216	5393	TOP CHESTER 5366'
Lime and shale	5393	5428	
Lime	5428	5650	TOP NARROW SHALE 5650'
Shale	5650	5666	TOP NARROW SAND 5666'
Gored from 5666' to 5699' - Recovered 314'			
Top 3' 0"	Sand, white, very fine grained, glauconitic, fair porosity, slight odor, slightly reworked with shale		
Next 6'	Same, clean, no shale		
Next 7'	Sand, white, very fine grained, glauconitic, fair porosity, bleeding oil and gas		
Next 1' 0"	Coal		
Next 9'	Sand, white, very fine grained, very shaly, inter-laminated with black shale, bleeding oil and gas		
Next 6"	Coal		
Next 3'	Sand, white, very fine grained, inter-laminated and reworked with black shale, fair stain, gassy		
Next 1'	Sand, white, very fine grained, reworked, bubbling gas		
Next 1'	Shale, black and sandy		
Last 1'	Shale, black carbonaceous		
			Ran Halliburton drill stem test No. 3, packer set at 5666', used 33' anchor, open 1 hour, gas to surface in 1 1/2 minutes, gas gauged 3,120 MCF in 30 minutes, 4,260 MCF in 1 hour, recovered 5' condensate, 30' watery mud, IDHP-2128, IFFP-130, FFP-508, FFP-1930, 20 minutes.

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Sand and shale 5669' 5747' TOP CHESTER 5724'
 Lime 5747 5760 Ran Halliburton drill stem test No. 4, packer set at 5702', used 58' anchor, open 1 hour, weak blow for 20 mins. recovered 95' drilling mud, IBHP-50%, IFP-20%, FFP-50%, FBHP-100% in 20 minutes.
 Lime 5760 5838 Ran Schlumberger Survey Ran Halliburton drill stem test No. 5, packer set at 5755', used 83' anchor, open 1 hour, light blow for 1 hour, recovered 150' drilling mud, IBHP-300%, IFP-50%, FFP-100%, FBHP-300% 20 mins.

TOTAL DEPTH 5838'

Set and cemented 1013' 11" of 5 1/2" OD, 15.5%, 8R thd., R-2, J-55, S.S. casing; 3015' 9" of 5 1/2" OD, 14%, 8R thd., J-55, R-2, S.S. casing (A cond.); and 1856' 6" of 5 1/2" OD, 15.5%, 8R thd., R-2, J-55, S.S. casing (A cond.) at 5838' with 300 sacks of common cement, 350 gallons of Dowell Cement. Fin. 11:00 a.m. 4/7/58. Ran Welox Temperature Survey and found approximate top of cement behind casing at 4040'.

On April 11, 1958, moved in cable tools, swabbed hole dry to top of cement at 5797', 5 1/2" casing tested dry. Plugged back with 115 gallons of rock from 5797' to 5700' and from 5700' to 5695' with 5 gallons of Cal-Seal.

PLUGGED BACK TOTAL DEPTH 5695'

Perforated 5 1/2" casing from 5578' to 5682' with 16 Type "A" holes; light show of gas too small to gauge, no water. Perforated 5 1/2" casing from 5666' to 5678' with 36 holes by Lane-Wells; flowed through 5 1/2" casing 3 hours, gas gauged 3,500 M.C.F. Treated through 5 1/2" casing with 500 gallons of Halliburton HCA acid as follows:

ACID TREATMENT NO. 1 - Between 5678'-82' and 5666'-78'

Treatment put in 4/12/58 by Halliburton, using 500 gallons of acid and 125 barrels of water.

TIME	CP	FP	REMARKS
7:06 pm	1300'		Start acid
7:10 pm	1200'		500 gallons of acid in
7:10 pm			Start flush
7:33 pm	1200'		Acid on bottom
7:50 pm	500'		Acid in, treatment completed

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Flowed through 5 1/2" casing 4 hours to clean up hole, gas gauged 4,520 MCF. SI CP-1620'.

Ran Halliburton Diesel-Frac through 5 1/2" casing as follows:

DIESEL-FRAC TREATMENT NO. 1 - Between 5678'-82' and 5666'-78'

Used 4000 gallons of diesel fuel
 4000' of sand
 Maximum CP-2100'
 Used 150 barrels of water to flush
 Time 6 minutes

Ran bailer and found 63' of sand in hole, unable to bail out sand or to circulate out. Pulled 2" tubing and reran with bit. Cleaned out sand to 5695'. Swabbed well in and on April 15, flowed through 2" tubing 6 hours to clean hole, gas gauged 4,710 MCF, CP-900', SI 8 hours, SI CP-1620'.

SI CP-1675'. On April 17, flowed through tubing and casing 30 minutes, CP-540'; shut in 1 hour, stabilized CP-1020', gas gauged 6,160 MCF for calculated absolute open flow of 9,183 MCF. Shut in for pipeline connection.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION	DEPTH	ANGLE OF DEFLECTION
115'	3/4 Degree	2120'	1 Degree
250'	1/4 "	2500'	1 "
490'	1/4 "	2750'	1 "
730'	1 "	3000'	1 "
840'	1 1/2 "	3390'	1 "
960'	1 "	3635'	3/4 "
1100'	1 1/2 "	4000'	1 1/2 "
1290'	1 "	4350'	3/4 "
1670'	1-3/4 "	4420'	1/2 "
1950'	1 1/2 "	4950'	1/2 "
		5540'	1 1/2 "

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 E. M. Eckhoff
 SEC. 25 T. 33S R. 29W
 BLOCK _____ SURVEY _____

WELL NO. 1 DISTRICT Platte
 COUNTY Neosho AFE NO. 52040
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced July 27, 1963 Date completed August 5, 1963
 Deepened from _____ to _____ Total Depth _____
 Plugged back from 5695' to Surface P.B.T.D. _____
 Cleaned out from _____ to _____
 Production before _____ bbls. oil _____ bbls. water 15,000* cu. ft. ga
 Production after _____ bbls. oil _____ bbls. water _____ cu. ft. ga
 Tools owned by Ralph Comstock Pipe Pulling Kind used Pulling Unit No. days rig time _____
 Cost of job \$ _____ Revised Estimated Payout (Mos.) _____
 *Well would not flow against pipeline pressure

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. Casg.	
Production					
Liner					Top liner

SIZE OD	WT.	THDS.	KIND	COND.	LEFT IN						PULLED OUT			
					Jts.	LTM	In.	WTM	Jts.	LTM	WTM			
5-1/2"	15.5	8R	J55 R2 SS	C	32	1805	0	1013	11	62	1842	0	1896	6
5-1/2"	14 1/2	8R	J55 R2 SS	C	74	2268	0	2286	9	24	723	0	729	0

PRODUCING FROM

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

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

With present SI CP-5577 the well could hardly flow against the pipe line pressure of 550#. Installation of compressor could not economically be justified, and regular authority was granted to plug and abandon the well.

July 27, 1963, moved in pulling unit of Pratt Well Service and killed well with 100 barrels of salt water. Pulled 2" tubing. Moved out pulling unit and 7/30/63 moved in pulling maching of Ralph Comstock Pipe Pulling, Inc. and plugged the well as follows:

Sand 5695' to 5200'
 20 sacks of cement 5200' to 5100'

Shot off 5 1/2" OD casing at 3992', 3941', 3513', 3048', 2926', 2806', and 2692', unable to pull; and 2561'. Pulled 2585' of 5 1/2" casing.

Mud 5100' to 700'
 Rock bridge 700' to 690'
 35 sacks of cement 690' to 590'
 Mud 590' to 50'
 Rock bridge 50' to 40'
 15 sacks of cement 40' to 6'
 Surface soil 6' to Surface

Plugged and abandoned August 5, 1963.

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