

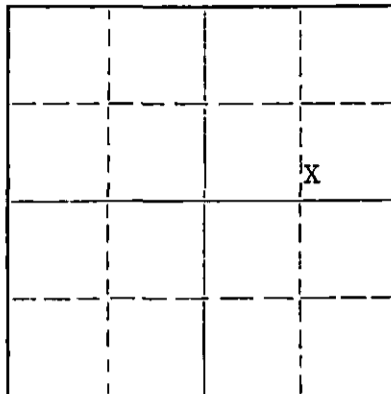
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

Pratt County. Sec. 29 Twp. 26S Rge. (E) 12 (W)

Location as "NE/CNWxSWx" or footage from lines SW SE NE
Lease Owner Shell Oil Company
Lease Name Knop Well No. 2
Office Address 1700 Broadway, Denver, Colorado
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed August 13 1943
Application for plugging filed July 18 1969
Application for plugging approved July 22 1969
Plugging commenced September 10 1969
Plugging completed September 10 1969
Reason for abandonment of well or producing formation Depleted

NORTH



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production September 1966
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 R. J. Warren
Producing formation Arbuckle Depth to top 4261 Bottom 4306 Total Depth of Well 4306 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Arbuckle		4261	4306	8 5/8"	859'	None
				4 1/2"	4261'	None

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.

Mixed 13 SXS of gel, 250 SXS light weight cement and pumped down 4 1/2" casing.
Standing press. 300 psi. Mixed 10 SXS of regular cement and pumped down between 4 1/2" and 8 5/8" casing. Surface press. 225 psi. Let set 2 days. Filled 4 1/2" casing with regular cement. Cut casing off 4' below GL. Welded on steel plate.

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

Name of Plugging Contractor Shell Oil Company
Address 1700 Broadway, Denver, Colorado 80202

STATE OF COLORADO, COUNTY OF DENVER, ss.
C. A. Wischoff (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) C. A. Wischoff

Oklahoma Production Department
1700 Broadway (Address) Denver, Colorado 80202

SUBSCRIBED AND SWORN TO before me this 26th day of September, 1969

My commission expires April 23, 1973

Notary Public.

WEEKLY DRILLING REPORT

SIBELL (COMPANY)		LEASE <u>C. KNOP</u>	Well No. <u>?</u>
From <u>7-13</u> To <u>7-21</u> 19 <u>69</u>		DISTRICT <u>CAEMI</u>	Elev. <u>1916</u>
		County <u>JEFFERSON</u>	State <u>KANSAS</u>
		Parish	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
7-13-69				Location started 330' from South Line & 994' ^{deflected} from East line of NE 1/4 Section 29-26S-17E.
7-14-69				Dig cellar & pits. Moving in & rigging up rotary tools. Spud 7-16-69 @ 2:30 AM. Company portable Drilling Unit #7.
7-15-69				
7-16-69	0 217 572	217 572 825	Soil, shale & sand Shale & sand Red rock & shells	
7-17-69	825 TD	859 859	Red rock & shells Red rock & shells	8 5/8" O.D., 36#, 8 thread, S.H. Lapped casing com. @ 859' with 1000 sack bulk cement. Cement circulated. Waiting on cement to set & repairing unit. Waiting on cement to set.
7-18-69	859	1265	Shale & shells	
7-19-69	1265	1650	Salt & shale	Drilling 6" hole. Mix 10 sack Zeogol. Mix 6 sack Zeogol. Lost circulation @ 2750. Mix 10 sack Zeogol, 5 sack Aquagel & 50# Jelflake. Mix 6 sack Zeogol.
	1650	1685	Salt & shale	
7-20-69	1685	1905	Shale, lime & Anhydrite	
	1905	1990	Lime & shale	
7-21-69	1990	2075	Lime & shale	
	2075	2106	Lime	
7-22-69	2106	2211	Shale & lime	
	2211	2271	Lime & shale	
7-23-69	2271	2330	Lime	
	2330	2410	Lime & shale	
7-24-69	2410	2630	Lime & shale	
7-25-69	2630	2815	Lime & shale	
7-26-69	2815	2985	Lime & shale	

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CORRECT T. Ockershauser
EXPLOITATION ENGINEER

APPROVED W. M. Gholson
SUPERINTENDENT

WEEKLY DRILLING REPORT

SHELL (COMPANY)	LEASE <u>C. KNOP</u>	Well No. <u>2</u>	
From <u>7-25</u> To <u>8-11</u> 19 <u>43</u>	DISTRICT <u>CARMI</u>	Elev. <u>1916</u>	
	County <u>TRATT</u>	State <u>KANSAS</u>	
	Parish }		

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
7-25-43	2985	3163	Shale & lime	
7-26-43	3163	3234	Shale & lime	TOP TOPEKA 3163 (-1252).
	3234	3258	Lime	Mix 15 sacks Aquagel.
7-27-43	3258	3420	Lime	Mix 5 sacks Zeogel.
	3420	3502	Lime & shale	
7-28-43	3502	3656	Lime	S.I. Measure @ 3512; no correction.
				Mix 10 sacks Zeogel & 25 Jelfleko.
7-29-43	3656	3767	Lime	Mix 4 sacks Zeogel.
				TOP LAWRENCE KANSAS CITY 3767 (-1763)
7-30-43	3767	3853	Lime	
	TD	3853	Lime	Twisted off drill pipe; fishing.
7-31-43				Spotting oil & working stuck drill pipe.
8-1-43				Circulating oil & working stuck drill pipe.
8-2-43				Circulating oil & working stuck drill pipe. Recovered fish.
8-3-43				Mix 10 sacks Zeogel.
				Mix 25 sacks Zeogel.
8-4-43	3853	3915	Lime	Mix 5 sacks Zeogel.
	3915	3984	Lime	Twisted off sub between drill collar;
	TD	3984	Lime	fish & recover.

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WEEKLY DRILLING REPORT

SHELL (COMPANY)		LEASE <u>C. KNOP</u>	Well No. <u>2</u>
From <u>8-5</u> To <u>8-7</u> 19 <u>43</u>		DISTRICT <u>CASIX</u>	Elev. <u>1916</u>
		County <u>PHATT</u>	State <u>KANSAS</u>
		Parish <u></u>	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS	
	FROM	TO			
8-5-43	3984	4051	Lime	Drilling 6 3/4" hole.	
	4051	4039	S. L. Correction		
	4039	4048	Lime		
			<u>SAMPLE ANALYSIS - Lansing Kansas City</u>		
		J	3727-36 Lime - buff to brown; medium soft, medium crystalline with fair vugular porosity, medium oil stain.		
		J	3754-57 Lime - buff to brown, medium to finely crystalline, fair pinhole porosity with slight to fair oil stain.		
		J K ₁	3785-95 Lime - buff to brown, soft, medium crystalline, medium to good pinhole & vugular porosity with fair to medium oil stain. Fossiliferous. No oil stain in part. Possibly some water in lower part.		
		J K ₂	3804-14 Lime - buff to brown, medium soft, medium pinhole porosity, fair to poor porosity.		
		J L ₁	3829-35 Lime - buff, soft to medium soft, finely crystalline, tight. Very poor vugular porosity, medium to good oil stain.		
		M ₂	3875-84 Lime - white to buff to brown, very soft, finely crystalline, very good vugular porosity with fair to good oil stain.		
	N	3909-17 Lime - buff to brown, very soft, finely crystalline, poor to fair vugular porosity & oil stain.			
	N	3921-29 Lime - white to buff, finely crystalline to finely sucrosic, medium vugular porosity with medium to very good oil stain.			
	O	3948-69 Lime - white to gray to buff, medium soft, finely crystalline to medium coarsely crystalline, dense in part. Poor to no vugular porosity with slight to fair oil stain.			
8-6-43	4048	4097	Lime	Mix 10 sacks Zeogel.	
	4097	4115	Lime & chert		
8-7-43	4115	4144	Chert & lime		

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WEEKLY DRILLING REPORT

SHELL (COMPANY)		LEASE		G. KHOP		Well No. 2	
From 8-8 To 8-11 19 43		DISTRICT		CADMI		Elev. 1916	
		County		PRATT		State KANSAS	
		Parish					
WELL DATA							
DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS			
	FROM	TO					
8-8-43	1114	1124	Lime	Mix 6 sax Zeopel. TOP VIOLA 1100(-2184) TOP SIMPSON 1169(-2253).			
8-9-43	1124	11258	Lime & shale				
	11258	11267	Dolomite - white to buff, hard, coarsely crystalline, no apparent porosity or oil stain except small amount meta-collitic porosity at top.				
	11267	11272	Dolomite - buff, soft to medium soft, coarsely crystalline, fair to medium vugular porosity with medium to good oil stain.				
	11272	11275	Dolomite - white to buff, hard, coarsely crystalline, no apparent porosity or oil stain.				
	11275	11285	Dolomite - white to buff, medium hard, fine to coarsely crystalline, dense in part with no apparent porosity or oil stain. Partly medium vugular porosity & oil stain.				
	11285	11287	Dolomite - white, hard, coarsely crystalline, no apparent porosity or oil stain.				
	11287	11291	Dolomite - buff, medium soft, coarse to medium finely crystalline, medium vugular porosity, fair to medium oil stain.				
	11291	11297	Dolomite - white to buff, hard, medium coarsely crystalline to finely crystalline, no apparent porosity or oil stain.				
				11296 = 11297 S.L. Correction TOP ARBUCKLE DOLOMITE 11258(-2312) S.L. Correction. Running casing. 11255' of 1 1/2" O.D., 9 1/4", 8 round thread, new Seamless casing cemented			
8-10-43	TD	11297	Dolomite	at 11261 with 1000 sax Portland bulk cement mixed with 1/2 floccle/sack & 2% anhydrous Aquagel by Halliburton 1 plug method. First 950 sax mixed 12 1/2/gallon, last 50 sax 1 1/2/gallon. Start mix @ 11:30 AM. End mix @ 1:03 AM. Final mixing pressure 500#. Start plug @ 6:10 AM. Plug stopped @ 6:12 AM. 2600 PSI pressure. Plug stopped @ 2925'. Larkin float @ 11228. Larkin shoe @ 11261. Larkin casing centralizers @ 3690, 3715, 3800, 3855, 3900, & 3970. Ran Schlumberger temperature survey to determine top of cement behind casing. Unable to lower instrument below 1220'. Found no cement behind casing at this depth. Start tearing down PDU #7 (1 hour); wait on orders 1 1/2 hrs. Rigged up PDU #7 to drill-in. Running tubing.			
8-11-43	TD	11297	Dolomite	Ran tubing to 2950 & circulated rotary mud out of hole. Found top of cement inside casing @ 2925'. Drilling cement. Drilled cement plug & shoe @ 11261'. Circulate & clean hole to 11297. Drilled deeper to 11306 using water as circulating fluid. Replaced water with oil @ 11306.			
8-12-43							

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1915
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WEEKLY DRILLING REPORT

SHELL (COMPANY)		LEASE <u>C. KNOP</u>	Well No. <u>2</u>
From <u>8-8</u>	To <u>8-14</u>	DISTRICT <u>CARMI</u>	Elev. <u>1916</u>
	19 <u>43</u>	County <u>PRATT</u>	State <u>KANSAS</u>
		Parish <u></u>	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
	11297	11300	Dolomite - white, medium hard, coarsely crystalline, some green shale partings, no porosity or oil stain.	
	11300	11303	Dolomite - white, medium soft, coarse to fine crystalline, trace of large angular sand grains, no porosity or oil stain.	
	11303	11306	Dolomite - buff, medium hard, coarse crystalline. Trace of pinhole porosity in part, no apparent oil stain.	
8-12-43	TD	11306	Dolomite	Moved in & rigged up pulling machine to swab well in. Flow 170 oil & 0 water 5 hrs through open 2" tubing; average 38 bbls/hour last 2 hrs. Acid treat 1500 gal. through 2" EUR tubing. Initial pressure 600#; maximum pressure 1000#. Completion pressure 100#. Treating time 21 minutes. Swabbed well in & flowed 1 1/2 hrs in pits. Turned into tanks & flow 192 oil & 0 water 3 hrs through open 2" tubing. Note: 3 7/8" rock bit still on bottom of tubing string. Used in drilling in.
8-11-43				Tore out rotary tools. Established State potential of 3000 oil & 0 water by flowing drawdown method, effective 8-11-43. Indicated capacity - infinity on high & intermediate rates & 136,570 bbls oil on low rate. State using infinity as official figure.

COMPLETE 8-13-43.

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WEEKLY DRILLING REPORT

SHELL (COMPANY)		LEASE	C. KNOP	Well No.	2
From		DISTRICT	CANON	Elev.	1916
To	3-3	County	PRATT	State	KANSAS
19	44	Parish			

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
			<u>SUPPLEMENTARY REPORT</u>	
			<u>Sample Analysis</u>	
	4100	4127	Chert, white, opaque, oolitic in part. Streaks lime, white to buff, very hard, dense, finely crystalline, no porosity or oil stain. Streaks shale, green, gray to green, hard, subwaxy to dull.	TOP VIOLA 4100 (-2184)
		4152	Lime, white, buff, gray, hard, fine, medium, coarsely crystalline, tight, no porosity or oil stain. Fernvale-type in part.	
		4160	Sandy lime, white, medium hard, tight with included grains subangular to subround quartz sand, no porosity or oil stain.	REVISED TOP SIMPSON 4160 (-2244).
		4169	Shale, dark green, hard, subwaxy with included sand grains in part.	
		4175	Dolomite, buff to brown, medium hard, medium crystalline to coarsely sugrosic. No porosity or oil stain.	
		4179	Sand, white to buff, soft, friable, angular to subround, calcareous in part, trace slight dead oil stain.	
		4198	Streaks sand & shale. Sand as above. Shale, green, gray to green, hard, subwaxy to dull.	
		4252	Shale, dark to light green, gray, medium hard, with scattered streaks lime, white to brown, fine to medium crystalline, tight, no porosity or oil stain.	
		4257	Shale, rich dark green, hard.	

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