

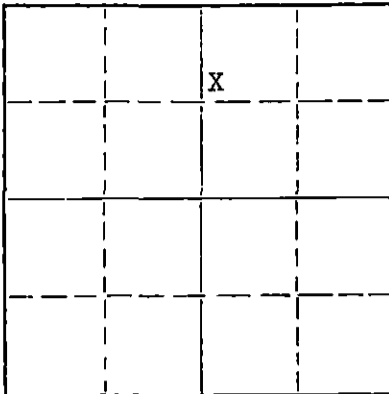
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Pratt County. Sec. 29 Twp. 26S Rge. (E) 12 (W)
Location as "NE/CNW/SW" or footage from lines SW NW NE
Lease Owner Shell Oil Company
Lease Name Knop Well No. 4
Office Address 1700 Broadway, Denver, Colorado
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed February 20 19 44
Application for plugging filed May 22 19 69
Application for plugging approved May 26 19 69
Plugging commenced September 10 19 69
Plugging completed September 10 19 69
Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production April 19 69
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 Simpson Depth to top 4204 Bottom 4263 Total Depth of Well 4331 Feet
Show depth and thickness of all water, oil and gas formations. (1) Recompleted in Simpson March 1952.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Simpson		4204	4263	8 5/8"	825'	None
				4 1/2"	4315'	None
Arbuckle		4313	4331	8 5/8"	825'	None
				4 1/2"	4315'	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 20 SXS Halco gels, 250 SXS of light cement and pumped down 4 1/2" casing.
Standing press. 300 psi. Mixed and pumped 15 SXS of regular cement between 4 1/2" and 8 5/8" casing. Press. 100 psi. Let set 2 days. Filled 4 1/2" casing with regular cement.
Cut casing off 4' below surface. Welded on steel plate.

RECEIVED
STATE CORPORATION COMMISSION
SEP 30 1969
CONSERVATION DIVISION
Wichita, Kansas

(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, 19 69

[Signature]

Notary Public.

My commission expires

April 23, 1973

WEEKLY DRILLING REPORT

SHELL
(COMPANY)

LEASE G. KNOP Well No. 4
 DISTRICT CARMI Elev. 1930
 County PRATT State KANSAS
 Parish

From 1-3 To 1-12 1944

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
1-3-44				Location staked 1060' from North Line & 330' from deflected West Line of NE 1/4 Sec. 29-26S-13W
1-4-44				Waiting on Portable Drilling Unit #11. Preparing to drill water well.
1-5-44				Waiting on Portable Drilling Unit #11. Drilling water well.
1-6-44				Water well complete. Cellar pits complete.
1-7-44				Waiting on Portable Drilling Unit #11.
1-8-44				Moving in & rigging up Portable Drilling Unit #11.
1-9-44				Rigging up, thawing water line & waiting on water.
1-10-44				Spud 6:00 AM 1-10-44.
	0	95	Clay & sand	
		225	Sand	Mix 5 sax lime & 25# Jelflake.
		300	Red bed & sand	Mix 30 sax Aquagel. Lost circulation @ 300'.
	TD	300	Bed bed & sand	Drill pipe stuck @ 270'. Mix 20 sax Aquagel, 25# Jelflake & 2 sax hulls.
1-11-44				Mix 116 sax Aquagel, 5 sax hulls, 16 sax lime & 3 bales Fibrotex. Wash over stuck drill pipe with 8 5/8" casing to 65'.
1-12-44				Wash over stuck drill pipe with 8 5/8" casing to 223'. Work drill pipe; no circulation. Mix 11 sax Zeogel, 6 sax Impermez & 3 sax lime. Preparing to wash over drill pipe with 8 5/8" casing & milling tool.

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 STATE CORPORATION COMMISSION
 SEP 30 1969
 CONSERVATION DIVISION
 Wichita, Kansas

CORRECT T. Ockershauser
 EXPLOITATION ENGINEER

APPROVED W. H. Cholson
 SUPERINTENDENT

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WEEKLY DRILLING REPORT

SHELL (COMPANY)		LEASE C. KNOP	Well No. 4
From 1-13	To 1-25	DISTRICT CRANE	Elev. 1920
	19 44	County PRATT	State KANSAS
		Parish	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
1-13-44	TD	300	Red bed & sand	Washed over stuck drill pipe; mixed 3 sax Impermex & 11 sax Zeogel; circulated oil & mud; & pulled stuck drill pipe up 6'.
1-14-44				Working stuck drill pipe with oil spotted in hole; pulled drill pipe up 1 1/2'.
1-15-44				Washed over stuck drill pipe to bit with 8 5/8" casing, with 1 joint of 9" casing on bottom; recovered fish.
1-16-44		500	Mixed 40 Aquagel, 6 Impermex, 10 hulls & 100% Mikomix.	
		720	Red rock & shells	Mix 5 Aquagel, 3 Impermex, 2 lime & 6 hulls.
1-17-44		730	Red bed & anhydrite	
		825	Red bed & anhydrite	
	TD	825	Red bed & shale	8 5/8" OD, 28#, 8 thread, S.H. Lenweld seg. ccm. @ 825 with 400 sax Lone Star & 2 Aquagel. Cement did not circulate. Cemented around outside of 8 5/8" with total 225 sax cement, & cemented to surface. Waiting on cement to set.
1-18-44			" " " "	" " " " & repairing rig.
1-19-44		1000	Red bed & shale	Dr'g 6 1/2" hole.
		1280	Shale & shells	Syfo 1000' - 10.
		1735	Salt, shale & shells	" 1500' - 10.
1-20-44		1810	Broken line & shale	
		1880	Broken line	
		1985	Lime & shale	
1-21-44		2075	Broken line & shale	
		2155	Lime, shale & sand	Syfo 2000' - 20.
		2227	Sandy lime	
		2235	Broken lime & shale	Cemented around 8 5/8" surface pipe with 10 sax Calseal.
1-22-44		2365	Lime	
1-23-44		2410	Lime	
		2442	Shale & shells	
		2600	Lime & shale	
1-24-44		2860	Lime & shale	Syfo 2500' - 1 1/2. Mix 10 Zeogel.
1-25-44		3027	Lime & shale	Mix 12 Zeogel.

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T. Ockershauser
EXPLOITATION ENGINEER

APPROVED

W. M. Cholson
SUPERINTENDENT

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WEEKLY DRILLING REPORT

SHELL (COMPANY)			LEASE <u>G. KNOP</u>	Well No. <u>4</u>
From <u>1-26</u>	To <u>2-4</u>	<u>44</u>	DISTRICT <u>OSAGE</u>	Elev. <u>1920</u>
		19 <u>44</u>	County <u>STAFF</u>	State <u>KANSAS</u>
			Parish	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
1-26-44	TD	3027	Line & shale	Repairing pump, rig & light plant.
1-27-44				Repairing pump, rig & light plant. Mix 16 Zeogel.
1-28-44	3027	3103	Line & shale	Mix 16 Zeogel.
		3172	Shale & lime	Tp 3154 (-1234).
		3279	Line	syfo 3115' - 10'. Mix 6 Zeogel.
1-29-44		3350	Line	Mix 10 Acuegel & 1 hulls.
	TD	3350	Line	Working on motor.
1-30-44				" " "
		3492	Line & shale	Mix 29 Zeogel & 1 hulls.
1-31-44		3544	Line	Mix 8 Zeogel & 1 hulls.
		3545	Line & shale	Lost circulation 3592 & 3605.
2-1-44	3645	3646	S.L. Correction	Mix 20 Zeogel & 5 hulls.
		3677	Lime	Mix 10 Zeogel & 1 hulls.
		3775	Line & shale	Mix 15 Zeogel.
2-2-44		3828	Line & chert streak	Mix 5 Zeogel.
		3865	Line & pyrite	Mix 13 Zeogel & 1 hulls.
		3920	Line	Mix 6 Zeogel.
2-3-44		4025	Line	Mix 15 zeogel.
2-4-44		4043	Line	
		4060	Line & shale	
		4116	Line & chert	Mix 9 Zeogel.

CORRECT T. Ockershauser
EXPLOITATION ENGINEER

APPROVED W. M. Gholson
SUPERINTENDENT

WEEKLY DRILLING REPORT

SHELL		LEASE <u>C. KNOP</u>	Well No. <u>4</u>
(COMPANY)		DISTRICT <u>GAHLE</u>	Elev. <u>1020</u>
From <u>F-5</u>	To <u>E-20</u>	County <u>FRATT</u>	State <u>KANSAS</u>
		Parish	
19 <u>44</u>			

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
	3716	3728	SAMPLE ANALYSIS LK 3692 (-1772) syfo 3575' - 10'	
			Lime, white, soft, finely crystalline, streaks of poor pinhole porosity. Trace of spotted, light oil stain. Non-commercial.	
	3740	3745	Lime, tan, soft, medium crystalline. Small amount of poor porosity. Trace of spotted, dark oil stain. Non-commercial.	
	3747	3749	Lime (same as 3740-45).	
	3782	3785	Lime, tan, soft, medium crystalline, small amount of fair to poor pinhole porosity. Trace of spotted, dark, heavy oil stain. Non-commercial.	
	3843	3848	Lime, white, soft, medium crystalline, medium amount of fair pinhole & vugular porosity. Small amount of fair oil stain. Slight commercial possibility.	
	3859	3864	Lime, white, medium soft, medium crystalline. Small amount of fair, meta-oolitic porosity. Small amount of medium to good oil stain. Possibly commercial.	
	3875	3881	Lime (same as 3859-64).	
	3889	3898	Lime, white, soft, finely crystalline, medium amount of fair pinhole & meta-oolitic porosity, medium amount of fair oil stain. Possibly water in lower portion. Fair commercial possibility.	
	3910	3914	Lime, white, medium soft, medium crystalline, small amount of poor pinhole porosity, trace of dark, heavy oil stain. Probably non-commercial.	
	3930	3934	Lime (same as 3910-14).	
	4103	4116	V 4103 (-2183) Chert, white, opaque, milky, vitreous.	
2-5-44	4116	4119	Chert, " " " "	
		4138	Lime & chert: white to tan, dense to medium crystalline lime. White, opaque, milky, vitreous chert. Small amount of semi-opaque, white to tan chert. Trace of gray to green, subwaxy shale.	
		4162	Chert, white, vitreous, opaque. Some tan, semi-opaque. Small amount of white, tripolitic chert. Interbeddings of white, medium to coarsely crystalline lime with trace of vugular porosity & trace of dark, residual oil stain. Non-commercial.	
			Fix 7 Zoogel.	
2-6-44		4164	Chert (same as 3148-62).	
		4172	Lime, white to tan, dense to coarsely crystalline. Small amount of white, fernvale-type with pink crystals. Trace of green shale. No oil stain. SDM #4172 - no correction. En 4172 (-2252).	

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WEEKLY DRILLING REPORT

SHELL (COMPANY)		LEASE	C. KNOP	Well No.	4		
From	To	DISTRICT	C/RMI	Elev.	1920		
2-5 2-20 44		County	PRATT	State	KANSAS		
		Parish					
WELL DATA							
DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS			
	FROM	TO					
(6)	4172	4180	Shale, gray to green, waxy to sub-waxy.				
		4189	Dolomite, white to tan, dense to medium crystalline, no porosity or oil stain.				
		4193	Shale, light to dark green, waxy.				
		4198	Sandy shale, green, waxy, with imbedded, round, frosted sand grains.				
		4210	Shale, gray to green, some red & green striated, subwaxy, containing phosphatic pellets. Thin streaks of white, finely crystalline line, some with imbedded fine sand grains.				
		4214	Dolomite, white, medium hard, coarsely crystalline, interlocking type crystals. No porosity or oil stain.				
		4222	Shale, gray to green, waxy.				
		4241	Sand & shale: white to tan, some brown, rounded & frosted to clear, sharp & angular, fine to medium grain sand. Well cemented & consolidated. No apparent porosity, No oil stain. Interbedded with gray to green shale containing phosphatic pellets & some sandy shale. Small amount of white to tan, dense to finely crystalline line. Trace of coarsely crystalline, brown dolomite. No oil stain.				
		8-7-44	4251	4272	Sand & shale (same as 4222-41)		
				4278	Shale, gray to light & dark green, subwaxy, some red & brown, striated, waxy shale.		
4278	Shale & dolomite: shale, as 4251-72. Thin streaks of dense to finely crystalline; some medium coarsely crystalline, white to tan & brown dolomite.						
2-8-44	4300	4310	Shale & dolomite (same as 4272-78)				
		4310	Dolomite, white to tan, medium soft, fine to medium crystalline, no porosity or oil stain. Thin streaks of gray to green shale.				
		4313	Shale & dolomite: gray to green, subwaxy shale. Small amount of white to tan, dense, dolomite. No porosity or oil stain. A 4313 (-2393)				
		4315	Dolomite, gray, medium hard, very coarsely crystalline, slightly pyritic, interlocking crystals. No apparent porosity or oil stain.				
2-9-44	TD	4315	Dolomite	SIM 4315 - no correction. Layed down drill pipe. Preparing to run casing.			
		4307'	of 4 1/2" O.D., 9 1/2#, 8 round thread Seamless casing cemented 4315 with 650 sax Portland bulk cement mixed with 3/4# Flocele/sack & 2% prehydrated Aquagel. Jarkin casing centralizers 3732, 3780, 3835, 3870, 3920 & 3945.				

Note: Intended cementing with 800 sax - last convoy of cement would not completely empty. Had fair returns throughout job. Tearing down rotary tools.

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WEEKLY DRILLING REPORT

SHELL (COMPANY)	LEASE <u>C. KNOP</u>	Well No. <u>4</u>
From <u>2-5</u> To <u>2-20</u> 19 <u>44</u>	DISTRICT <u>G/EMI</u>	Elev. <u>1920</u>
	County <u>DEWITT</u>	State <u>KANSAS</u>
	Parish <u></u>	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
2-10-44	TD	4315	Dolomite	Tearing out Rotary Tools
2-11-44				Waiting on drilling in unit.
to				
2-13-44				Moving in and rigging up Cable
2-14-44				Tools. Palmerich & Payne. Bail Mud.
2-15-44				Bailed mud
2-16-44				Pail and clean out mud. Drill
				cement plug and clean out to
				bottom. No show.
2-17-44	4315	4319	Dolomite, white to gray, hard, medium crystalline	
			to sucrose; no porosity or oil stain.	
		4321	Dolomite, gray, hard, medium coarsely crystalline,	
			trace of vugular porosity; no oil stain.	
		4325	Dolomite, white to cream, medium hard, medium to	
			finely crystalline, small amount of poor, vug-	
			ular porosity, trace of dark, heavy oil stain.	
			At TD 4320 very slight odor & faint rainbow oil.	
			At TD 4325 show of black, heavy oil. Bailed approx.	
			4 gal. heavy oil & BS/hour 4 hours.	
2-18-44		4329	Dolomite, tan, hard, dense to sucrose, no porosity	
			or oil stain. Trace of green, waxy shale. Trace	
			of large, irregular to rounded, secondary growth	
			sand grains.	
			At TD 4329 bailed hole dry. Bailed 5 gal. live	
			oil 1 hour fill-up.	
		4331	Dolomite, cream to light tan, medium hard, very	
			coarsely crystalline. Samples too fine to	
			determine porosity or oil stain.	
			650' oil in hole while drilling 4329-31.	
			800' oil 1 hour; 150' fill-up.	
			1080' oil 2 hours; 200' fill-up.	
2-19-44	TD	4331	Dolomite	Swab average 5.7 bbls. oil & No
			water/ hour off bottom for 7 hours. Ran tubing &	
			rods. Tearing down rotary tools.	
2-20-44				Tear out rotary tools.
				<i>Cable</i>
			NOTE: Reports discontinued until permanent	
			pumping equipment installed.	

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WEEKLY DRILLING REPORT

<u>SHELL OIL CO. INC.</u> (COMPANY)	LEASE <u>C. Kopp</u>	Well No. <u>4</u>
From <u>3-15</u> To <u>19 44</u>	DISTRICT <u>Central</u>	Elev. <u>1020</u>
	County <u>Scott</u>	State <u>Kansas</u>
	Parish	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
3-16-44	TD	4331	Note: Remaining reports discontinued 2-20-44 dolo.	Established State Physical Potential 146 bbls oil and 0 water. Complete 2-20-44

CORRECT T. Cokerchauer
EXPLOITATION ENGINEER

APPROVED W. H. Gholson
SUPERINTENDENT