STATE OF KANSAS STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely					
Make Required Affidavit					
Mail or Deliver Report to:					
Concernation Division					

NORTH						
			· •			

WELL PLUGGING RECORD

NORTH Lease Owner Cities Service Oil Company Lease Name McPherson "A" Well No. 9 Office Address Box 553 Russell, Kansas 67665 Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole - SWD Date well completed 8-9 19-5 Application for plugging filed 12-19 19-6 Application for plugging approved 12-22 19-6 Plugging commenced 2-6 19-7 Plugging completed Season for abandonment of well or producing formation Brush Creek L-KC Unit Waterflood commenced, SWD no longer needed. If a producing well is abandoned, date of last production 19- Was permission obtained from the Conservation Division or its agents before plugging was compensed Yes ame of Conservation Agent who supervised plugging of this well Mr. W. L. Nichols	Conservation Division State Corporation Commission 212 No. Market		Graham	Count	s 4 7	9S Baa	(F) 23 (W)
Lease Owner Cities Service Oil Company Lease Owner McPiterson "I", Lease Name McPiterson "I", Lease Name McPiterson "I", Character of McCites Service Oil Company Lease Owner McPiterson "I", Character of McCites Service Oil Company Lease Name McCites Name Lease Name McCites Service Oil Company Lease Name McCites Name McCites Name Lease	Wichita, Kansas 67202	Location as "N	JE/CNW#SW#"			NE SE	(2)
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	Well	Completion Report
IcPherson Lease. Well No. SWD Loc. NE NE SE Sec. 4 Twp. 9S Rge. County Graham State Kansas	23W	Spud Date 2-3-58 Rotary Completed 2-5-58 Completion Date 2-17-58
Surface casing set at $(5\frac{1}{2})$ 4220		Potential Gravity 250 Bottom stage Sacks 450 Anhydrite stage
Formation Tops: 2218 KB		Sample Electric Log
Heebner Toronto Lansing Base Kansas City Mississippi	3.,	3529 (-1281) 3554 (-1314) 3571 (-1331) 3781 (-1541) 4043 (-1803) 4042 (-1802) 4067 (-1827)
Viola Viola		4067 (-1827)

PRODUCING AND PROSPECTIVE PRODUCING ZONES

Depth Formation Remarks Estimated Reserves Lansing Perf. 3704-10 Perf. 3758-61 No value No value 140 Z 2001 Z

STATE CORPORATION COMMISSION Completed as a salt water disposal well No other zones worthy of testing.

DEC 2 2 1969 CONSERVATION DIVISION Wichita, Kansas

Viola

Arbuckle

2-11-58

Moved in Franks #2; rigged up. Cleaned out to top of staging collar.

2-12-58

Drilled staging collar. Cleaned out to top of float. Drilled float 30' cement. Put 2000' of fluid in hole. Drilled shoe. Cleaned out to TD 4250.

2-13-58

5 hr. swab test 2850 off bottom 50 BWPH. 2 hr. input test after hole was loaded 50 BFPH. Logged well to TD 4242. Set Halliburton plug 3815. Perforated 200' zone with 12 Jets 3758-61. Show of oil on gun.

2-14-58

Washed formation up with acid. Good rainbow. Treated with 500 gal. Gel-W. Had 200 gal. displaced before hitting pressure. Input 10 gal. per min. Pressure drop 500# to 0# in 5 min. Let set 5 hrs.

2-15-58

Swabbed load back. 8 hr. swab test 5 GW + 3 GOPH Perforated 140' zone with 24 Bullets + 36 Jets 3704-10. Treated with 500 gal. J-type. Highest pressure 250#. Input 5 gal. per min. Pressure drop 250# to 150# in 1 min.

4182

2-16-58

8 hr. swab test 3/4 BOPH. Retreated with 5000 gal. J-type. Highest pressure 500#. Input 4 bbl. per min. Pressure drop from 500# to 425# in 5 min. Swabbed hole down.

2-17-58

12 hr. swab test 3/4 BFPH 50% wtr. Plugged back with rock to 3743. Dumped 2 sacks cement on top of rock. Input test on 140° zone 8 BFPH. Tore down; moved out.

with netw broked up

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McPherson 1	Lease. W	Vell No. SWD		~~~~	aham	State Kansas	
oc. NE NE SE	Sea 4	Twp. 98 R	ge. 23W	Pool Br	ush Creek		
			4-28	-59			
Moved in Frank	cs #1. Rar	Tracer surv	rey. <u>Survey</u>	indicated 140	zone was 6	hanneled.	
					(00	PONTIVE	
Cleaned parafi	n from cas	ing. Drille	ed out cement	and rock bri	dge at OMETON	122 1969	1
Cleaned parafi			4-30-	59	Wich	ATION DIVISION	•
Cleaned out cr could not get	ushed rock	to 3766. H	dan tubing wi are indicating	th Baker pack g hole in cas	er to squeez	e. Started to s	queeze
			5-1-	59			
Pulled tubing Set Bridge plu HA-5 and 100 s	ig at 3450.	Ran tubing	with Baker	oacker and so	ueezed Dakot	ng between 1845- a with 100 sacks and 60 sacks cor	3
			5-2-	•			
Drilled out ce plug at 3400.	ement from Wtr. fill	Dakota squee Led up to wit	eze. Dry tes thin 500° of	ted for 4 hrs surface.	Held OK.	Drilled out br	Ldge
			5-3-	59	2,		
Ø	municated 2500#. Pi	. Set packer illed tubing	* at 3595 S	queezed with Before getti	100 Sacks Co	or communication mmon. Displaced le with packer to	4 00
Wtr. annalysis Test indicated	s inconclud d Dakota no	sive. Ran to	ubing with Ba Tested 140'-	200 · zone. 1	e packer set Test indicate	below Dakota sq d zones leaking	ueeze. •
Set packer at cement obtains	3690. <u>Re</u> ed SP 35007	-squeezed wi Pulled to	th 100 sacks ubing and pac	common. Disp ker. RECEI	olaced 100 sa	icks. After sta	ging
Drilling cemen	nt.			DEC 2 5 5000 SERVATION VICENTAL SERVATION SERV	DN DIVISION		
tubing with I	mperial Mo zone. A BFPH @ 75	del "A" tens cidized with O#. 12 BFPH	ion packer se	g. Spotted	coaded note	ts per ft. Ran with wtr. Unablation. MP 800#.	TOOM
			2-5-6	6			,
						Boken 25	
A 5%:						e e m	
			2-12-6				
0 1	I as F				7		
In VI	-1160	3/00	. Tour	l The		100	
ARB X	CK						

December 3, 1957

RECEIVED STATE CORPORATION COMMISSION

DEC 2 2 1969

Mr. Marvin Mullinix General Field Office Wakeeney, Kansas

CONSERVATION DIVISION Wichita, Kansas

Subject: Cook and Galloway Drilling Company No. 1 McPherson NE NE SE Section 4-9S-23W

I have examined the well cuttings of said well and submitt the following report.

Formation Tops

Heebner	3529	(-1281)
Toronto	3554	(-1314)
Lansing	3571	(-1331)
Base Kansas City	3781	(-1541)
Mississippi	1013	(-1803)
Wiola T.D.	4045 4067 4095	(- 1827)

- 3571-94 (Top Zone) The upper portion is a white, fine crystalline, dense colitic fossiliferous limestone. The lower portion is a fine crystalline dense to lithographic fossiliferous limestone. The entire top zone was void of oil shows and had poor porosity.
- 3603-07 (35' Zone) Cream fine crystalline dense fossiliferous slightly cherty limestone. There is slight spotty staining with fair fossiliferous porosity. This is judged to be water bearing.
- 3610-38 (50' Zone) Gream fine crystalline dense fossiliferous limestone. Poor porosity. No loil show.
- 3645-56 (90* Zone) White fine crystalline dense fossiliferous limestone. Trace of staining. Poor porosity.
- D.S.T. #1 3645-52 Open 1 hour, recovered 110' slightly oil cut muddy water. BHP 5hO#.
 - 3662-95 (100' Zone) White to cream fine crystalline dense fossiliferous limestone. Poor porosity. No oil show.
 - 3700-20 (140' Zone) Gream dense fossiliferous limestone. Very scattered light staining with trace of fair coarse fossiliferous porosity.
 - 3722-28 (160' Zone) Cream dense limestone. Poor porosity. No oil show.
 - 3736-49 (180' Zone) Cream dense limestone. Trace of black oil residue. No free oil staining. Fair to poor porosity.
 - 3755-66 (200' Zone) Cream fine crystalline slightly colitic limestone. Scattered dark staining. Possibly some free oil staining. Spotty fair colitic porosity.

3770-81 (220' Zone) Cream fine crystalline, slightly fossiliferous limestone. Poor porosity. No oil show.

1013-60 (Mississippi Limestone) Tan coarse to medium crystalline, large colitic limestone. No oil show. Poor porosity.

4067-95 (Viola) Gray fine to medium crystalline dolomite. No oil show. Fair b vugular porosity.

I find that this test was completed at a depth of 4095 (27' Penetration in the Viola) and not in the Arbuckle as previously reported.

For the purpose of a salt water disposal well, I would suggest that an additional 100' of the new hole be made before pipe was run so that better porosity in the Arbuckle would be encountered.

Dry and Abandoned August 9, 1950

IMPERIAL OIL OF KANSAS, INC.

5 d= 1.0 cl -11

Burton_W. Schmidt

Ol plon N. Sho

BWS:pcs

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Wichita, Kansas