

TYPE
SIDE ONE

State Geological Survey
AFFIDAVIT OF COMPLETION FORM
WICHITA BRANCH

36-11-24W
ACO-1 WELL HISTORY
Compt. _____

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5669 EXPIRATION DATE June 30, 1983

OPERATOR Helberg Oil Company API NO. 15-195-21153

ADDRESS Box 32 COUNTY Trego

Morland, Ks. 67650 FIELD Voda SE

** CONTACT PERSON Jerry M. Helberg PROD. FORMATION Kansas City
PHONE 913-627-5665 KCC/KCC

PURCHASER Clear Creek, Inc. LEASE Pfeifer

ADDRESS McPherson, Ks. 67460 WELL NO. 1

WELL LOCATION W/2 NW SE

DRILLING Helberg Oil Company 660 Ft. from north Line and

CONTRACTOR CONTRACTOR 330 Ft. from west Line of

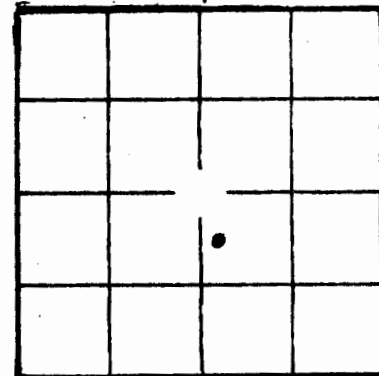
ADDRESS Box 32 the SE (Qtr.) SEC 36 TWP 11 RGE 24 (W).

Morland, Ks. 67650

PLUGGING CONTRACTOR WELL PLAT (Office Use Only)

ADDRESS

KCC
KGS
SWD/REP
PLG.



TOTAL DEPTH 4095' PBTD

SPUD DATE 2-8-1983 DATE COMPLETED 2-19-1983

ELEV: GR 2441 DF KB 2446

DRILLED WITH (CABLE) (ROTARY) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 206' DV Tool Used?

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Jerry M. Helberg, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Jerry M. Helberg
(Name)

98366

SIDE TWO

ACO-1 WELL HISTORY x(2)

OPERATOR Helberg Oil Company LEASE Pfeifer

SEC. 36 TWP. 11 RGE. 24 (W)

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. 1

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Check if no Drill Stem Tests Run.				
Shale	0	228		
Shale	228	512		
Shale	512	1310		
Shale	1310	1829		
Shale	1829	2003		
Anhydrite	1002	2046		
Sand & Shale	2046	2255		
Sand & Shale	2255	2470		
Sand & Shale	2470	2574		
Shale	2574	2692		
Shale	2692	2812		
Sand & Shale	2812	2896		
Shale & Lime	2896	2947		
Shale & Lime	2947	3090		
Shale & Lime	3090	3203		
Shale & Lime	3203	3295		
Shale & Lime	3295	3410		
Shale & Lime	3410	3523		
Shale	3523	3627		
Shale	3627	3712		
Shale & Lime	3712	3795		
Shale & Lime	3795	3860		
Lime	3860	3895		
Lime	3895	3901		
Lime	3901	3927		
Lime	3927	3995		
Lime	3995	4025		
Lime	4025	4079		
Lime	4079	4095		
T.D.	4095			

Run Casing.

Date of first production 3-24-1983		Producing method (flowing, pumping, gas lift, etc.) Pumping				Gravity 34°	
Estimated Production - T.P.	Oil 100+	Gas 0	Water 10 %	Gas-oil ratio			
Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	MCF Type cement	Sacks	CFPB type and percent additives
Surface	12 1/4"	8 5/8"	20#	206'	common	135	3% Cal Cl 2% Gel
Production	7 7/8"	4 1/2"	10.5#	4094'	Poz mix common	250 400	2520# Gel
150 sacks on Bottom-DV Tool at 2030' with 500 sacks, cement circulated							

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size	Setting depth	Pecker set at			
2 3/8"	4020'				

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; core intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.			TOP	BOTTOM	NAME	DEPTH
Formation	Depth (Sample)	(Depth (Log)				
Anhydrite	N.A.	2001 (-1445)				
Topeka	N.A.	N.A.				
Heebner	3765 (-1319)	3760 (-1314)				
Toronto	3787 (-1341)	3784 (-1338)				
Lansing	3801 (-1355)	3796 (-1350)				
Base K.C.	4042 (-1596)	4040 (-1594)				
Marmaton Chert	4091 (-1645)	N.A.				
<u>DST #1</u>						
3817-3860						
<u>Recovery</u>						
		43' Anchor				
65-of 25% oil, 25% Gas		I.F.P. - 327#				
300' of 10% oil, 20% Gas		I.S.I.P. - 1292#				
300' of 5% Oil		F.F.P. - 466#				
		F.S.I.P. - 1283#				
3884-3890 Zone 80' Limestone, white and buff, crystalline, vuggy, fair saturation, some dead oil, fair interparticulate porosity.						
<u>DST#2</u>						
3870-3901						
<u>Recovery:</u>						
		31' Anchor				
150' mud with oil spots		I.F.P. - 155				
300' 50% Oil		I.S.I.P. - #1168				
No Water		F.F.P. - #200				
		F.S.I.P. - #1103				
3938-3946 Zone 140' Limestone, white and cream, fine crystalline, slightly chalky, spotted stain, some dead oil, some visible porosity.						
3960-3965 Zone 160' Limestone, A.A. fair odor, some free oil.						
3684-3889 Zone 180' Limestone, Gray, dense, crystalline, cherty, no show of oil.						
<u>DST #3</u>						
<u>Recovery:</u>						
		61' Anchor				
400' mud		I.F.P. - #300				
		I.S.I.P. - #817				
<u>Packer Failed</u>						
		F.F.P. #300				
		F.S.I.P. #697				
4030-4034 Limestone, white and cream, cherty slightly chalky, no show of oil.						
<u>Base of Kansas City</u>						
<u>Marmaton Cherty</u>						
4091-4095 Cherty, clear to opaque, medium crystalline, no show of oil.						
<u>DST#4</u>						
4040-4095						
<u>Recovery:</u>						
		55' Anchor				
30' Mud		I.F.P. #66				
		I.S.I.P. - #100				
		F.S.P. - N.A.				
		F.S.I.P. - N.A.				
Shot 4032'-4036' with 16 shots acidized with 150 gal. regular 15%						
Shot 3983-3987 with 16 shots acidized with 600 gal regular 15%						
Shot 3960-3968 with 32 shots acidized with 2500 gal regular 15%						
Shot 3940-3942 with 8 shots acidized with 500 gal regular 15%						
Shot 4004-4008 with 16 shots acidized with 500 gal regular 15%						
Shot 3886-3892 with 24 shots acidized with 2500 gal regular 15%						
Shot 3874-3878 with 16 shots acidized with 500 gal regular 15%						