

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

SIDE ONE

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 # 5640 EXPIRATION DATE 6/30/83

OPERATOR Allen Oil Company API NO. 15-151-21,174-0000

ADDRESS P.O. Box 1389 COUNTY Pratt

Great Bend, KS 67530 FIELD Hopewell

\*\* CONTACT PERSON Doug Hoisington PROD. FORMATION None TSI

PHONE 316-793-5877

PURCHASER None TSI LEASE STRATFORD

ADDRESS WELL NO. 1

DRILLING Allen Drilling Company 330 Ft. from E Line and

CONTRACTOR ADDRESS P.O. Box 1389 2310 Ft. from S Line of

Great Bend, KS 67530 the SE (Qtr.) SEC 20 TWP 26 RGE 15.

PLUGGING CONTRACTOR WELL PLAT (Office Use Only)

ADDRESS KCC [checked] KGS [checked] SWD/REP PLG.

TOTAL DEPTH 4695' PBSD 4181'

SPUD DATE 7/29/82 DATE COMPLETED NA TSI

ELEV: GR 2050' DF 2052' KB 2055'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

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

Amount of surface pipe set and cemented @ 452' DV Tool Used? No

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

Doug Hoisington, being of lawful age, hereby certifies that:

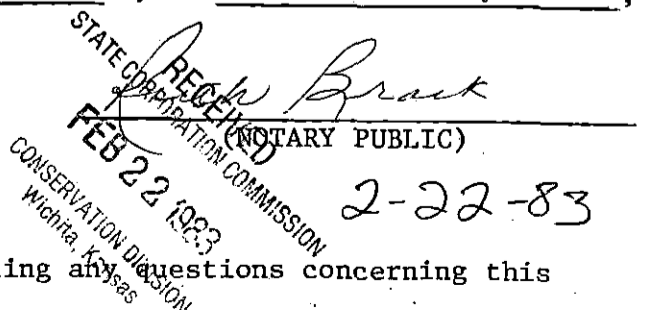
I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Doug Hoisington (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 16th day of February, 1983.



MY COMMISSION EXPIRES:



\*\* The person who can be reached by phone regarding any questions concerning this information.

FILL IN WELL INFORMATION AS REQUIRED:

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.				
Robert D. Dougherty, Geologist				

GEOLOGIC FORMATION TOPS

Anhydrite	1017	+1038	Topeka	3413	-1358
Base Anhydrite	1032	+1023	Heebner	3731	-1676
Herrington	2167	- 112	Toronto	3747	-1692
Winfield	2221	- 166	Douglas	3770	-1715
Towanda	2289	- 234	Brown Lime	3882	-1827
Fort Riley	2336	- 281	Lansing	3889	-1844
Council Grove Gp.	2526	- 471	Base KC	4190	-2135
Red Eagle	2821	- 766	Conglomerate	4319	-2264
Admire Group	2918	- 863	Mississippian	4344	-2289
Waubunsee Group	2981	- 926	Kinderhook	4373	-2318
Tarkio	3104	-1049	Viola	4407	-2352
Elmont	3158	-1103	Simpson	4594	-2539
Bern	3244	-1189	Arbuckle	4652	-2597
Howard	3313	-1258	Log TD	4691	-2636
			Rotary TD	4695	-2640

Logs - Welex  
G-Grd-SWN  
CD-GCL

If additional space is needed use Page 2, Side 2

Report of all strings set - surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
surface	12 1/4"	8-5/8"	20#	@ 452	60/40 poz	350	2% gel, 3% cc
production	7-7/8"	5-1/2"	15.5	@ 4230'	50/50 poz	100	18% salt, 3/4 of 1% CFR2

LINER RECORD None

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	5-1/2" csg	4092-98
			2	5-1/2" csg	4043-44
			2	5-1/2" csg	4043-49
			2	5-1/2" csg	3916-17

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

3902'

Amount and kind of material used	Depth interval treated
250 gal 28% acid	4043-49'
250 gal 28% acid	4043-44'
250 gal 28% acid	3916-17 & 3902'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
None, TSI	None TSI	NA
Estimated Production -I.P.	Gas	Water %
None	bbls.	%
	MCF	bbls.
Disposition of gas (vented, used on lease or sold)	Perforations	See above

DST #1 & #2 by Arrow, #3, #4a & #4b by Western

Drill Stem Test #1 3890 - 3930 (Rotary) 3883 - 3923 (Log)

Lansing 'A' & 'B' Zones

Times: Open: 15 min.; Shut-In: 45 min.;  
Open: 60 min.; Shut-In: 60 min.

Blow: Strong blow with gas to surface in 12 minutes  
Gauged as follows on 2nd opening:  
62 mcfcpd in 10"  
51.6 mcfcpd in 20 & 30"  
57.7 mcfcpd in 40"  
54.7 mcfcpd in 50"  
57.7 mcfcpd in 60"

Recovered: 165 feet of gassy, very slightly oil cut mud  
60 feet of oil and gas cut mud  
120 feet of heavily oil and gas cut mud  
270 feet of gassy oil  
270 feet of gas cut water  
885 feet total fluid

ISIP: 1330#

IFP: 125-136#

FSIP: 1296#

FFP: 181-352#

HP: 1931-1920#

Drill Stem Test #2 4044 - 4062 (Rotary) 4037 - 4055 (Log)

Lansing 'H' Zone

Times: Open: 15 min.; Shut-In: 45 min.;  
Open: 60 min.; Shut-In: 60 min.

Blow: Fair blow built slowly to off bottom of bucket.

Recovered: 65 feet of muddy water with a few spots of oil,  
good show free oil in tool

ISIP: 1127#

IFP: 22-22#

FSIP: 1118#

FFP: 34-45#

HP: 1997#

Drill Stem Test #3 4328 - 4410 (Rotary) 4321 - 4403 (Log)

Conglomerate, Mississippian, and Kinderhook

Times: Open: 15 min.; Shut-In: 15 min.;  
Open: 15 min.; Shut-In: 15 min.

Blow: Good surge, weak blow died in 6 minutes.

Recovered: 25 feet of mud, chlorides = 29,000 ppm.

ISIP: 32#	FFP: 64-32#
FSIP: 43#	FFP: 32-64#
HP: 2326-2294#	BHT: 118 <sup>0</sup>

Drill Stem Test #4a 4410 - 4475 (Rotary) 4403 - 4468 (Log)

Viola - Misrun due to packer failure

Drill Stem Test #4b 4417 - 4475 (Rotary) 4410 - 4468 (Log)

Viola

Times: Open: 15 min.; Shut-In: 15 min.;  
Open: 15 min.; Shut-In: 15 min.

Blow: Weak blow died in 4 minutes

Recovered: 80 feet of mud

ISIP: 1302#	IFP: 96-75#
FSIP: 1302#	FFP: 86-129#
HP: 2380-2315#	BHT: 119 <sup>0</sup>

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Allen Oil Company LEASE STRATFORD

SEC. 20 TWP. 26 RGE. 15

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

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Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
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Estimated Production - I.P.	Oil bbls.	Gas MCF	Water %	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold)	Perforations
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