

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5428 EXPIRATION DATE 6-30-84

OPERATOR Graves Drilling Co., Inc. API NO. 15-007-21,658 -0000

ADDRESS 910 Union Center COUNTY Barber
Wichita, Kansas 67202 FIELD _____

** CONTACT PERSON Betty Brandt PROD. FORMATION _____
PHONE 316 265-7233 Indicate if new pay.

PURCHASER _____ LEASE Alexander

ADDRESS _____ WELL NO. 1

DRILLING CONTRACTOR Graves Drilling Co., Inc. WELL LOCATION C NE NW

ADDRESS 910 Union Center 660 Ft. from North Line and

Wichita, Kansas 67202 1980 Ft. from West Line of ~~KEX~~

PLUGGING CONTRACTOR _____ the NW (Qtr.) SEC 1 TWP 32SRGE 15 (W).

ADDRESS _____

WELL PLAT

(Office Use Only)

KCC

KGS

SWD/REP _____

PLG. _____

NGPA _____

TA

TOTAL DEPTH 5064' PBDT 4224'

SPUD DATE 9-9-83 DATE COMPLETED 9-21-83

ELEV: GR 1927' DF 1935' KB 1938'

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 337' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____

RECEIVED

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

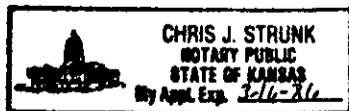
Betty Brandt, being of lawful age, hereby certifies that:

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.

Betty Brandt
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 25th day of May,

19 84.



Chris J. Strunk
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: March 16, 1986

Chris J. Strunk

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

Side TWO

OPERATOR Graves Drilling Co., Inc. LEASE NAME Alexander SEC 1 TWP 32S RGE 15 (W)

WELL NO 1

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
<input type="checkbox"/> Check if no Drill Stem Tests Run. <input checked="" type="checkbox"/> Check if samples sent Geological Survey.			Log Tops:	
Red bed	0	1015	Winfield	2334 (- 396)
Red bed & shale	1015	1178	Wabaunsee	3124 (-1186)
Red bed	1178	1828	Tarkio	3248 (-1310)
Shale & lime	1828	3327	Heebner	3981 (-2043)
Limestone	3327	3364	Douglas Sand	4027 (-2089)
Shale & lime	3364	4060	Lansing	4158 (-2220)
Sand	4060	4155	Stark	4465 (-2527)
Shale, sand & lime	4155	4225	Viola	4798 (-2860)
Shale & lime	4225	4842	Simpson Sand	4922 (-2984)
Lime & shale	4842	4928	Arbuckle	5044 (-3106)
Sand	4928	4972	LTD	5067 (-3129)
Lime & shale	4972	5064		
Rotary Total Depth		5064		

DST #1 3299-3327 30-45-60-45. Strong blow throughout. Stabilized @ 8,890 dfg. Recovered 150' of free oil & 420' of muddy gassy oil. No water. IFP & FFP 84-116# 137-201#. IBHP & FBHP 935-829#

DST #2 4043-4060 30-45-80-45. Strong blow-had gas to surface in 3". In 10" gauged 1,348 Mcfg. in 20" gauged 1,824 Mcfg. in 30" gauged 2,012 Mcfg. in 40" gauged 2,258 Mcfg & in 70" stabilized @ 2,558 Mcfg. Recovered 315' of salt water. IFP & FFP 153-370# 423-423#. IBHP & FBHP 1472-4162#.

DST #3 4134-4155 30-45-30-45. Recovered 690' of salt water. IFP & FFP 116-254# 275-370#. IBHP & FBHP 1388-1388#.

DST #4 4198-4225 30-45-60-45. Fair to strong blow in 4". Recovered 10' of drilling mud & 55' of oil & gas cut mud, 35% gas, 8% oil. IPF & FFP 74-74# 74-74#. IBHP & FBHP 647-647#.

DST #5 4369-4388 30-45-60-45. Recovered 60' of mud with oil specks. IFP & FFP 52-52# 63-127# IBHP & FBHP 275-167#

DST #6 4914-4928 30-45-30-45. Rec. 1840 of salt water, IFP & FFP 116-476# 551-807# IBHP & FBHP 1672-1672#

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"	24#	337'	common	200 sx,	2% Gel, 3% CC
Production	7-7/8"	5-1/2"	14.5#	4224'	common	175 sx,	500 gal. mud sweep

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 shots		3303-3307

TUBING RECORD		
Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
Acidized with 500 gallons 15# N.E. acid	
Acidized with 2500 gallons of 15% retarded acid	

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