

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 # 5673 EXPIRATION DATE June 1984

OPERATOR W. L. KIRKMAN, INC. API NO. 15-151-21,332-0000

ADDRESS P.O. Box 18611 COUNTY Pratt
Wichita, Kansas 67218 FIELD Iuka-Carmi

** CONTACT PERSON Wayne L. Kirkman PROD. FORMATION Toronto
PHONE 316-685-5372 _____ Indicate if new pay.

PURCHASER Kansas Gas Supply Corp. LEASE Briggeman

ADDRESS P.O. Box 300 WELL NO. 4
Tulsa, Oklahoma 74102 WELL LOCATION N/2N/2SW/4

DRILLING Aldebaran Drilling Co., Inc. 2310 Ft. from South Line and
CONTRACTOR ADDRESS P.O. Box 18611 1320 Ft. from West Line of
Wichita, Kansas 67218 the SW (Qtr.) SEC 28 TWP 26S RGE 12 (W).

PLUGGING None

CONTRACTOR ADDRESS _____

TOTAL DEPTH 4286 PBTD _____

SPUD DATE 9/22/83 DATE COMPLETED 12/24/83

ELEV: GR 1915 DF 1918 KB 1921

DRILLED WITH (~~RAMM~~) (ROTARY) (~~AKR~~) TOOLS.

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

WELL PLAT

(Office Use Only)

KCC

KGS _____

SWD/REP _____

PLG. _____

NGPA _____

Amount of surface pipe set and cemented 412' DV Tool Used? _____

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 _____ .

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

Wayne L. Kirkman, 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.

[Signature]
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 5th day of March,

19 84.

MY COMMISSION EXPIRES: March 20, 1987

Kathleen G. Quinn
(NOTARY PUBLIC)
Kathleen G. Quinn

RECEIVED
STATE CORPORATION COMMISSION
MAR 09 1984
3-9-84
CONSERVATION DIVISION
Wichita, Kansas

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

Side TWO

OPERATOR W. L. Kirkman, Inc. LEASE NAME Briggeman SEC 28 TWP 26S RGE 12 (W)

WELL NO 4

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
<p>Check if no Drill Stem Tests Run. _____</p> <p>Check if samples sent Geological Survey. _____</p>				
Herington	1904	(+17)		
Winfield	1968	(-47)		
Townada	2034	(-113)		
Ft. Riley	2078	(-157)		
Base Florence	2166	(-245)		
Wreford	2209	(-288)		
Cottonwood	2387	(-466)		
Indian Cave	2663	(-742)		
Wabaunsee	2700	(-779)		
Tarkio	2833	(-912)		
Bern	2977	(-1056)		
Howard	3050	(-1129)		
Severy	3114	(-1193)		
Topeka	3152	(-1231)		
Heebner Sh.	3481	(-1560)		
Toronto	3496	(-1575)		
Brown Lime	3655	(-1734)		
Lansing - KC	3680	(-1759)		
Base L-KC	4004	(-2083)		
Mississippi	4062	(-2141)		
Viola	4114	(-2193)		
Simpson	4167	(-2246)		
Arbuckle	4277	(-2356)		
(See Page Two for DSTs)				
Logs Run: RA Guard Log Neutron/Density Porosity Log Gamma Ray/Neutron				
If additional space is needed use Page 2				

Report of all strings set — surface, interm. siote, production, etc.

CASING RECORD (New) and (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	412	Liteweight	250	3% CC 1/4# floseal/sack
					Common	150	2% Gel 3% CC
Production	7 7/8	5 1/4	14	4285	60-40 POZ	300	18% salt, .75% CFR2 15# gilsonite/sack

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB-Jets	3711-3713

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	3780	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5000 gallons 28% NE Acid	3711-3713

Date of first production 12-24-83	Producing method (flowing, pumping, gas lift, etc.) Flowing	Gravity -----
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Estimated Production-L.P. ----- bbls.	Oil -----	Gas 50-60 MC	Water -----%	Gas-oil ratio -----	CFPB
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Disposition of gas (vented, used on lease or sold)
sold

Perforations 3711-13

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR W.L. Kirkman, Inc. LEASE NAME Briggeman
WELL NO. 4

SEC 28 TWP 26S RGE 12 (W)

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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 3058-3090 ISIP: 30-30 FSIP: 45-45 Weak blow				
DST #2 3098-3132 IF: 55 FF: 147 ISIP: 452/398 FSIP: 736/723 Blow: Initial flow period fairly weak, blow decreasing to weak. Final flow period weak blow decreasing and dying in 25 minutes. REC: 120' of gas in pipe, 70' slightly gas cut mud				
DST #3 3134-3152 IF: 59/60 FF: 59/60 ISIP: 642/660 FSIP: 654-665 Blow: Weak building to a strong blow on initial flow. Strong blow throughout final flow period. REC: 1200' of gas in pipe, 170' slightly oil cut gassey mud 70% mud; 10% oil; 20% gas. 60' saltwater Chl: 57,000 P.P.M.				
DST #4 3501-3522 IF: 47/46 FF: 47/46 ISIP: 1222/1245 FSIP: 1246-1246 Blow: Initial flow period strong blow throughout. Gas to surface as soon as tool was opened. REC: 70' of slightly gas cut mud.				
DST #5 3682-3719 IF: 190/200 FF: 261/271 ISIP: 831/850 FSIP: 772/785 Blow: Strong blow throughout test. Gas to surface in 3 minutes. REC: 180' slightly oil gas cut mud 180' oil cut saltwater 180' saltwater, chlorides 121,000 P.P.M.				
DST #6 3724-3739 IF: 45 FF: 47 ISIP: 464 FSIP: 309 Blow: Initial Flow period weak blow building to strong blow. Final flow period weak blow building to strong blow. REC: 130' slightly oil gas cut mud, 75% mud; 15% oil; 10% gas 1800' gas in pipe.				
DST #7 3765-3800 MISSRUN - no pressures available.				
DST #8 3765-3800 IF: 59 FF: 107 ISIP: 1035 FSIP 997 Blow: Initial flow period weak blow building to strong blow. Final flow period weak blow building to a real good blow - 6 inches in bucket. REC: 600' of gas in pipe 130' slightly oil cut gassy mud, 60% mud; 40% gas; show of oil 120' slightly oil cut saltwater.				