

4/15/84
KCC
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TYPE AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY
SIDE ONE TIGHT HOLE -CONFIDENTIAL INFORMATION X
(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 # 8586 EXPIRATION DATE 6/30/85

OPERATOR Angle Exploration API NO. 15-179-20,732

ADDRESS 405 Allegheny Drive COLORADO SPRINGS, CO 80919
COUNTY Sheridan FIELD WCC So.

** CONTACT PERSON Bill Angle PHONE (303) 593-0629 PROD. FORMATION Lansing Indicate if new pay.

PURCHASER Koch Oil Company LEASE Krannawitter "A"

ADDRESS P.O. Box 2256 WICHITA, KS 67201
WELL NO. 1
WELL LOCATION SW SW NW

DRILLING Galloway Drilling Co., Inc. 2310 Ft. from North Line and 330 Ft. from West Line of the NW (Qtr.) SEC 3 TWP10s RGE 29 (W).
CONTRACTOR ADDRESS 340 Broadway Plaza 105 S. Broadway WICHITA, KS 67202

PLUGGING CONTRACTOR ADDRESS
WELL PLAT (Office Use Only)
KCC
KGS
SWD/REP
PLG
NGPA

TOTAL DEPTH 4228' PBTD

SPUD DATE 2/22/84 DATE COMPLETED 4-15-84

ELEV: GR 2837' DF KB 2842'

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 252' DV Tool Used? None

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.

AFFIDAVIT

William D. Angle, 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.

WICHITA BRANCH

RELEASED
Date: MAY 1 1985
FROM CONFIDENTIAL

79093

ACO-1 Well History

Side TWO

OPERATOR Angle Exploration LEASE NAME Krannawitter SEC 3 TWP 10s RGE 29 (W)

WELL NO A-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 type="checkbox"/> Check if samples sent Geological Survey.			Sample Tops	
	Anhydrite		2439 + 403	
	B. Anhydrite		2470 + 372	
	Topeka		3698 - 856	
	Heebner		3918 - 1076	
	Lansing		3956 - 1114	
	RTD		4225 - 1383	
DST #1 3624-3921 15-60-60-60 Rec. 600' watery mud, 1400' muddy water, FFP 447/856, BHP 1184-1164			IFP 121/365	
DST #2 3976-4001 15-60-60-60 Rec. 480' GIP, 1920' free gassy oil, BHP 1293-1244			IFP 162/335, FFP 426/856,	
DST #3 3999-4043 30-30-30-30 Rec. 30' mud, w/few oil specks, BHP 1224-1164			IFP 60/60, FFP 60/60	
DST #4 4053-4130 15-60-60-60 Rec. 300' free oil. 1200' mud & water cut gassy oil, water, 1FP 152/406, FFP 426/667, BHP 1372-1342				120'
DST #5 4137-4162 15-60-60-60 Rec. 270' oil, IFP 63/71, FFP 111/121, BHP 254-162				

Date of first production 4-15-84	Producing method (Flowing, pumping, gas lift, etc.) Pumping			Gravity 30
Estimated Production-I.P.	OH 150 bbls.	Gas NA MCF	Water 0 %	Gas-oil ratio NA CFPB
Disposition of gas (vented, used on lease or sold)			Perforations 3986-89 4095-98	

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
Surface	12 1/2"	8 5/8"	24#	258'	common	175	3% CACL 2% Gel
Production		4 1/2"	10 1/2#	422 6'	surefill	125	
				2551'	litewate	550	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4	1/2" jet	3986'-89'
Size 2 3/8"	Setting depth 4150'	Packer set at NA	4	1/2" jet	4095-98'