

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

TIGHT HOLE -CONFIDENTIAL INFORMATION

Compt. _____

(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. 15-179-20.732-00-00
 ADDRESS 405 Allegheny Drive COUNTY Sheridan
Colorado Springs, CO 80919 FIELD WCC So.
 ** CONTACT PERSON Bill Angle PROD. FORMATION Lansing
 PHONE (303) 593-0629 Indicate if new pay.
 PURCHASER Koch Oil Company LEASE Krannawitter "A"
 ADDRESS P.O. Box 2256 WELL NO. 1
Wichita, KS 67201 WELL LOCATION SW SW NW
 DRILLING Galloway Drilling Co., Inc. 2310Ft. from North Line and
 CONTRACTOR 340 Broadway Plaza 330Ft. from West Line of
 ADDRESS 105 S. Broadway the NW (Qtr.) SEC 3 TWP 10s RGE 29 (W).
Wichita, KS 67202

PLUGGING CONTRACTOR ADDRESS _____

WELL PLAT (Office Use Only)

		3	

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) - (O1), Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWVO, 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.

William D. Angle
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 19th day of April, 1984.

Robert A. Puse
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 1-30-87

RECEIVED STATE CORPORATION COMMISSION APR 25 1984 04-25-1984 CONSERVATION DIVISION Wichita, Kansas

** The person who can be reached by phone regarding information.

15-179-20732-00-00

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, IFP 152/406, FFP 426/667, BHP 1372-1342				120'
DST #5 4137-4162 15-60-60-60 Rec. 270' oil, IFP 63/71, BHP 254-162			FFP 111/121,	

RELEASED

MAY 08 1985

FROM CONFIDENTIAL

If additional space is needed use Page 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	Socks	Type and percent additives
Surface	12 1/4"	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
			4	1/2" jet	3986'-89'
			4	1/2" jet	4095-98'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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

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PHONE (303) 593-0629 Indicate if new pay.

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WELL PLAT

	3		

(Office Use Only)

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Formation description, contents, etc. Top Bottom Name Depth

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Production		4 1/2"	10 1/2#	4226'	surefill	125	
				2551'	litewate	550	

LINER RECORD

PERFORATION RECORD

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

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
4-15-84	Pumping	30
Estimated Production-L.P.	Oil	Gas
150 bbls.	NA	NA
	Water	Gas-oil ratio
	0 %	NA
Disposition of gas (vented, used on lease or sold)		Perforations
		3986-89 4095-98