CONFIDENTIAL

State Geological Survey
WICHITA BRANCH

23-13-23E

8/10/83

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. ___ No Log

LICENSE # 5561 EXPIRATION DATE 6-30-84

OPERATOR Miller Bros. Prod. Co. API NO. 15-091-21,069

ADDRESS 427 S. Parker COUNTY Johnson

Olathe, Ks. 66061 FIELD Mill Creek

** CONTACT PERSON Ross Gault PROD. FORMATION

PHONE 913-782-4133

PURCHASER Eureka Crude LEASE Ray Boehm

ADDRESS 111 W. 3rd WELL NO. 1

Eureka Ks. 67045 WELL LOCATION SW SW SE NW KC

DRILLING CONTRACTOR K & J Drilling 2475 Ft. from N Line and

ADDRESS Bartlett, Ks. 1485 Ft. from W Line of (E)

the NW (Qtr.) SEC 23 TWP 13 RGE 23 (W).

PLUGGING CONTRACTOR Quail Energy

ADDRESS 427 S. Parker

Olathe, Ks. 66061

WELL PLAT (Office Use Only)

KCC ___

KGS ✓

SWD/REP ___

PLG. ___

RELEASED

Date: SEP 1 1984

FROM CONFIDENTIAL

TOTAL DEPTH 900 PBTD 8[illegible]

SPUD DATE 7-17-83 DATE COMPLETED 8-10-83

ELEV: GR 1048 DF ___ KB ___

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

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

Amount of surface pipe set and cemented 20' DV Tool Used? No

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1 Carboyd acid at perfs	
5000# gel water frac; 10/20; 20/40	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Shut In		

Estimated Production -I.P.	Oil bbls.	Gas 150 MCF	Water % bbls.	Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold)

Perforations 632' - 638'

SIDE TWO

528080

ACO-1 WELL HISTORY (E) (W)

OPERATOR Miller Bros. Prod. Co., LEASE Ray Boehm SEC. 23 TWP. 13 RGE. 23

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. 1

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
X Check if no Drill Stem Tests Run.				
Soil	0	2		
Clay	2	10		
Lime	10	16		
Shale	16	21		
Lime	21	29		
Sand	29	31		
Shale	31	40		
Lime	40	54		
Sandy Shale	54	65		
Sand	65	75		
Sandy Shale	75	85		
Lime	85	110		
Shale	110	114		
Lime	114	148		
Shale	148	190		
Lime	190	195		
Shale	195	196		
Lime	196	198		
Shale	198	217		
Sandy Shale	217	219		
Lime	219	232		
Shale	232	239		
Lime	239	246		
Shale	246	273		
Lime	273	276		
Sandy Lime (ordor)	276	277		
Lime	277	303		
Shale (black)	303	310		
Sand (water - ordor)	310	312		
Sandy Lime	312	348		
Shale	348	455		
Sandy Shale	455	525		
Lime	525	532		
Shale	532	536		
Lime	536	540		
Shale	540	545		
If additional space is needed use Page 2, Side 2				

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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	Sacks	Type and percent additives
Surface	10"	7"	16 1/2	20'	Portland	12	None
Production	6 1/4"	2 1/2"	6 1/2	679'	Portland	95	prem gel

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			4	2"-H.S.C.	632'-638'

TUBING RECORD		
Size	Setting depth	Packer set at

23-13-23E

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Miller Bros. Prod. Co. LEASE NAME Ray Boehm #1 SEC. 23 TWP. 13 RGE. 23E

FILL IN WELL LOG 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
Lime	545	548		
Sandy Shale	548	583		
Lime	583	595		
Red Shale	595	604		
Sandy Shale	604	618		
Lime	618	620		
Shale	620	630		
Sand (gas - ordor)	630	640		
Sand (oil - ordor)	640	646		
Sandy Shale	646	697		
Sand (ordor)	697	702		
Shale	702	735		
Sand & Shale	735	745		
Shale	745	830		
Black Shale	830	840		
Sand	840	856		
Sandy Shale	856	900		
	TD			

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RELEASED
Date: SEP 1 1984
FROM CONFIDENTIAL