TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

State Geological Survey
WICHITA BRANCH

10-10-21W 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 # 8128 EXPIRATION DATE 6-30-84

OPERATOR Heartland Enterprises API NO. 15-065-21,839

ADDRESS 253 F Street COUNTY Graham

Phillipsburg, Kansas 67661 FIELD _____

** CONTACT PERSON Lowell Hahn PROD. FORMATION _____

PHONE 913-543-2166 _____ Indicate if new pay.

PURCHASER _____ LEASE Bartos

ADDRESS _____ WELL NO. #1

_____ WELL LOCATION _____

DRILLING CONTRACTOR Pioneer Drilling Company

990 Ft. from N Line and

ADDRESS 308 West Mill

1320 Ft. from W Line of

Plainville, Ks 67663

the NW (Qtr.) SEC 10 TWP 10 RGE 21 (E) XXXXX (W).

PLUGGING CONTRACTOR Pioneer Drilling Company (John Walker)

WELL PLAT

(Office Use Only)

ADDRESS 308 West Mill

Plainville, Ks 67663

KCC____

KGS ✓

SWD/REP__

PLG.____

NGPA____

TOTAL DEPTH 3839' PBTD _____

SPUD DATE 8-15-83 DATE COMPLETED 8-22-83

ELEV: GR 2265' DF 2268' KB 2270'

DRILLED WITH (XXXXX) (ROTARY) XXXXX TOOLS.

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

Amount of surface pipe set and cemented 247' 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

LOWELL F. HAHN, 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.

D.

ACO-1 Well History

Side TWO

OPERATOR Heartland Enterprises LEASE NAME Bartos SEC 10 TWP 10 RGE 21 (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
_____ Check if no Drill Stem Tests Run. _____ Check if samples sent Geological Survey.			State Geological Survey Wichita, Kansas	
sands	0'	252'		
shales and sands	252'	820'		
shales and sands	820'	1745'		
anhydrite	1745'	1757'		
anhydrite	1757'	1788'		
shale and lime	1788'	2111'		
shales	2111'	2227'		
shales and limes	2227'	2295'		
shales and limes	2295'	2560'		
shales and limes	2560'	2760'		
shales and limes	2760'	2964'		
shales and limes	2964'	3159'		
shale and lime	3159'	3305'		
shales and limes	3305'	3433'		
shales and limes	3433'	3528'		
limes and shale	3528'	3594'		
limes and shale	3594'	3677'		
limes and shale	3677'	3695'		
lime and shale	3695'	3706'		
limes and shale	3706'	3732'		
lime and shale	3732'	3839'		
	3839'	R.T.D.		

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	Sacks	Type and percent additives
Surface Casing	12 1/4"	8 5/8"	20#	247'	common	125	2%gel 3%cc

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD		
Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD