30-32-15W

TYPE

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt.____

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.

LICENSE # 6140 EXPIRATION DATE June 30, 1983

OPERATOR Longhorn Energy Res., Inc. API NO. 15-007-21,508

ADDRESS P.O. Box 1314 COUNTY Barber

Great Bend, Ks 67530 FIELD Wildcat

** CONTACT PERSON Ken Harlow PROD. FORMATION Mississippian

PHONE 316/792-6745

PURCHASER LEASE Brass

ADDRESS WELL NO. 4

WELL LOCATION NE-NE-SW

DRILLING CONTRACTOR Big H Drilling Co. 330 Ft. from E Line and

ADDRESS One Main Place Suite 400 330 Ft. from N Line of

Wichita, Ks 67202 the SW (Qtr.) SEC 30 TWP 32S RGE 15W (E)(W).

PLUGGING CONTRACTOR

ADDRESS

State Geology WICHITA BRANCH

WELL PLAT

(Office Use Only)

KCC ✓

KGS

SWD/REP

PLG.

30

TOTAL DEPTH 4795' PBTD 4750'

SPUD DATE 9/28/82 DATE COMPLETED 10/9/82

ELEV: GR 1765 DF KB 1778

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

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

Amount of surface pipe set and cemented 416' DV Tool Used? No.

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, ~~Injection~~, Temporarily Abandoned, OWWO. Other ~~Repressuring~~

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000' Gals 15% mud acid	4725'-30'
21,000 Gals. 140 sks 20-40+50 sks 10-20 sand	

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

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

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

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Longhorn Energy Res. LEASE Brass SEC. 30 TWP. 32S RGE. 15W

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
____Check if no Drill Stem Tests Run.				
Red Beds	0	418		
Red Beds & Shale	418	1071		
Shale & Shells	1071	1164		
Shale & Lime	1164	2006		
Shale & Shells	2006	2182		
Lime & Shells	2182	2663		
Shale & Lime	2663	2845		
Lime & Shale	2845	3090		
Shale & Lime	3090	3273		
Lime & Shale	3273	3631		
Shale & Lime	3631	3800		
Lime & Shale	3800	4164	Lansing KC	4122'
Shale &Lime	4164	4374		
Lime & Shale	4374	4584	Marmaton	4568'
Shale & Lime	4584	4642		
Lime & Shale	4642	4653		
Shale & Lime	4653	4702	Ft. Scott	4658'
Lime & Shale	4702	4725	Cherokee	4678'
Chert & Lime	4725	4735	Mississippi	4706'
Shale & Lime	4735	4795		
Rotary T.D.		4795		
DST #1 Marmaton Lm.--4600-4642'; 370' GIP-40' HOCM 33%O; 210 lb.- 709 lb.	30-45-62' OCM	120-90; 18%O;		
DST #2 Ft. Scott--4638'-3702'; 20' M; 63 lb.-67 lb.	30-45-30-45;			
DST #3 Mississippi Chert--4670'-4725'; 4640'' GIP; 70' GM; 126 lb.-611 lb.	30-45-120-90;			
DST #4 Mississippi Ch.--4725'-4735'; 209' H O & GCM 40% O; 26' SW; 1517 lb.-1478 lb.	30-45-120-90; 150' G free oil;			
If additional space is needed use Page 2, Side 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
Conductor	26"	16"	42	53'	Class A Cem	10	2%CaCl
Surface	12 1/4"	8 5/8"	24	416'	Class A Cem	275	2% Gel 2% CaCl
Long String	7 7/8	4 1/2"	10 1/2	4793'	Class A Cem	150	Pozmix 50-50 Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4450'	4450'

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	3 1/8 SSB	4725-30