

**State Geological Survey**  
**WICHITA BRANCH**

2-12-2015  
JWA/PC

**TYPE** ★ **AFFIDAVIT OF COMPLETION FORM** **ACO-1 WELL HISTORY**  
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 # 8925 EXPIRATION DATE 8-84  
OPERATOR Liberty Operations & Completions API NO. 15-195-21,412  
ADDRESS 308 West Mill COUNTY Trego  
Plainville, Kansas 67663 FIELD \_\_\_\_\_

\*\* CONTACT PERSON Charles G. Comeau PROD. FORMATION Kansas City  
PHONE 913-434-4686 Indicate if new pay. \_\_\_\_\_

PURCHASER Derby Refining Company LEASE HLADEK  
ADDRESS Box 1030 WELL NO. #3  
Colorado Derby Building WELL LOCATION NE NE SE  
Wichita, Kansas 67201

DRILLING Pioneer Drilling Company 2210Ft. from S Line and  
CONTRACTOR 440Ft. from E Line of ~~XXX~~  
ADDRESS 308 West Mill the (Qtr.) SEC 2 TWP 12s RGE 25 (W).  
Plainville, Ks 67663

PLUGGING \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
ADDRESS \_\_\_\_\_

**WELL PLAT** (Office Use Only)


KCC \_\_\_\_\_  
KGS   
SWD/REP \_\_\_\_\_  
PLG. \_\_\_\_\_  
NGPA \_\_\_\_\_

TOTAL DEPTH 4180' PBD 4132'  
SPUD DATE 1-03-84 DATE COMPLETED 1-25-84  
ELEV: GR 2551' DF 2554' KB 2556'  
DRILLED WITH ~~(XXX)~~ (ROTARY) ~~(XXX)~~ TOOLS.  
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE \_\_\_\_\_

Amount of surface pipe set and cemented 8 5/8" @ 240' DV Tool Used? No

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD					
Amount and kind of material used				Depth interval treated	
250 gallons 15% mud acid, retreated with 2000 gallons 15%				4076-4081	
SMALLER PORTALS DILUTION STATE OF KANSAS				Demulsion	
Date of first production <u>1-25-84</u>		Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>		Gravity	
Estimated Production-I.P.	Oil <u>47 BOPD</u>	Gas bbbl.	Water MCF	<u>4</u> BWPB	Gas-oil ratio bbbl.
Disposition of gas (vented, used on lease or sold)					

163552

ACO-1 Well History

XXXXX  
XXXXX

Side TWO

OPERATOR - Liberty Operations & LEASE NAME HLADEK SEC 2 TWP 12s RGE 25 (W)

FILL IN WELL INFORMATION AS REQUIRED; Completions WELL NO #3

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.			LOG TOPS	
Check if samples sent Geological Survey.			ANHYDRITE	2134 (+422)
			TOPEKA	3640 (-1084)
			HEEBNER	3867 (-1311)
			TORONTO	3888 (-1332)
			LANSING/KC	3903 (-1347)
			BASE/KC	4152 (-1596)
sand and shale	0'	240'		
shales and sand	240'	880'		
shale and sand	880'	1945'		
shales	1945'	2200'		
shales	2200'	2851'		
lime and shale	2851'	2993'		
lime and shale	2993'	3150'		
lime and shale	3150'	3332'		
lime and shale	3332'	3510'		
lime and shale	3510'	3685'		
lime and shale	3685'	3857'		
lime and shale	3857'	3975'		
lime and shale	3975'	4083'		
lime and shale	4083'	4095'		
lime and shale	4095'	4110'		
lime and shale	4110'	4180'		
lime and shale	4180'	R.T.D.		

DRILLSTEM TEST #1

INTERVAL TESTED: 4066-4095  
30-30-30-30

RECOVERY: 465' gas in pipe  
155' oil cut mud  
62' gassy mud cut oil  
248' gassy mud cut oil

INITIAL HYD MUD 2089  
1st INITIAL FL PRESS 113  
1st FINAL FL PRESS 145  
INITIAL CL-IN PRESS 789  
2nd INITIAL FL PRESS 197  
2nd FINAL FL PRESS 418  
FINAL CL-IN PRESS 782  
FINAL HYD MUD 2070

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or XXXXXX

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#	240'	60-40pos	145	3%cc 2%gel
Production	7 7/8"	4 1/2"	10.5#	4154'	ASC	175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 per 1'		4076-4081

TUBING RECORD

Size	Setting depth	Packer set at