

SIDE ONE

State Geological Survey

WICHITA BRANCH

1-35-15W

(Rules 82-3-130 and 82-3-107)

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 # 5601 EXPIRATION DATE June 30, 1984

OPERATOR Associated Petroleum Consultants, Inc. API NO. 15-007-21,613

ADDRESS Suite 600 - One Main Place COUNTY Barber

Wichita, KS 67202-1399 FIELD Salt Fork

** CONTACT PERSON Phyllis Buchanan PROD. FORMATION Mississippian

PHONE (316) 265-9385

PURCHASER Inland Crude Purchasing Corp. LEASE Z Bar Ranch

ADDRESS 200 Douglas Bldg. WELL NO. #3-1

Wichita, KS 67202 WELL LOCATION C SW SW

DRILLING Heartland Drilling, Inc. 660 Ft. from South Line and

CONTRACTOR 660 Ft. from West Line of

ADDRESS Suite 600 - One Main Place the SW (Qtr.) SEC 1 TWP 35 RGE 15

Wichita, KS 67202-1399

PLUGGING NONE

CONTRACTOR

ADDRESS

WELL PLAT

(Office Use Only)

*			

KCC
KGS
SWD/REP
PLG.
NGPA

TOTAL DEPTH 5010' PBTD 5008'

SPUD DATE May 20, 1983 DATE COMPLETED July 2, 1983

ELEV: GR 1595 DF 1603 KB 1605

DRILLED WITH ~~(CORING)~~ (ROTARY) ~~(CASE)~~ TOOLS.

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

Amount of surface pipe set and cemented 936' DV Tool Used? no

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Shut-in Gas. Gas.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50,000 gal 40# Kan-Frac III w/70 sacks of 20/40 sand	4985 - 94
500 gal. 15% HCL	4985 - 94

Date of first production July 2, 1983 Producing method (flowing, pumping, gas lift, etc.) pumping Gravity 28°

Estimated Production -I.P. Oil 40 Gas --- Water % 40 Gas-oil ratio ---

Disposition of gas (vented, used on lease or sold) sold Perforations 4985 - 94

SIDE TWO

State Geological Survey
WICHITA BRANCH

ACO-I WELL HISTORY

OPERATOR Assoc. Petro. Consult., Inc. LEASE Z Bar Ranch

SEC. 1 TWP. 35 RGE. 15

KEY
(W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. #3-1

Show all important zones of porosity and contents thereof; cased 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.			Chase	2149 (- 544)																																																								
X Check if samples sent to Geological Survey			Florence	2393 (- 788)																																																								
0 - 950 Red Bed			Neva	2809 (-1204)																																																								
950 - 1470 Red Bed & Shale			Red Eagle	2861 (-1256)																																																								
1470 - 3100 Shale			Indian Cave	3040 (-1435)																																																								
3100 - 3295 Shale & Lime			Base Topeka	3509 (-1904)																																																								
3295 - 3635 Shale			Elgin Sand	3836 (-2231)																																																								
3635 - 4130 Shale & Sand			Heebner	4062 (-2457)																																																								
4130 - 4700 Shale			Douglas Sh.	4103 (-2498)																																																								
4700 - 5010 Lime & Shale			Lansing KC	4259 (-2654)																																																								
			Base KC	4763 (-3158)																																																								
			Cherokee	4908 (-3303)																																																								
			W. Miss.	4959 (-3354)																																																								
			Miss.	4984 (-3379)																																																								
			RTD	5010 (-3405)																																																								
			LTD	5014 (-3409)																																																								
<p>DST #1 4978 - 5010 op30 si60 op60 si90 Strong blow throughout flow periods with gas to surface in 3 minutes on second flow.</p> <p>Gas Flow:</p> <table border="1"> <thead> <tr> <th>Time</th> <th>Inches of H₂O</th> <th>Orifice</th> <th>Flow</th> <th></th> </tr> </thead> <tbody> <tr> <td>35</td> <td>12</td> <td>1/2</td> <td>21,900</td> <td>CFPD</td> </tr> <tr> <td>40</td> <td>10</td> <td>1/2</td> <td>19,900</td> <td>CFPD</td> </tr> <tr> <td>50</td> <td>9</td> <td>1/2</td> <td>18,800</td> <td>CFPD</td> </tr> <tr> <td>60</td> <td>7</td> <td>1/2</td> <td>16,700</td> <td>CFPD</td> </tr> <tr> <td>70</td> <td>7</td> <td>1/2</td> <td>16,700</td> <td>CFPD</td> </tr> <tr> <td>80</td> <td>5</td> <td>1/2</td> <td>14,100</td> <td>CFPD</td> </tr> <tr> <td>90</td> <td>5</td> <td>1/2</td> <td>14,100</td> <td>CFPD</td> </tr> </tbody> </table> <p>*Note - flows are averages due to surging.</p> <p>Recovered: 90' heavy oil & gas cut mud 120' frothy muddy oil 120' frothy oil (Gravity 26)</p> <table border="1"> <tbody> <tr> <td>IHH</td> <td>2432 psi</td> <td>FHH</td> <td>2411 psi</td> </tr> <tr> <td>IFP</td> <td>84-84 psi</td> <td>FFP</td> <td>84-127 psi</td> </tr> <tr> <td>ICIP</td> <td>1630 psi</td> <td>FCIP</td> <td>1577 psi</td> </tr> <tr> <td>BHT</td> <td>1290</td> <td></td> <td></td> </tr> </tbody> </table>					Time	Inches of H ₂ O	Orifice	Flow		35	12	1/2	21,900	CFPD	40	10	1/2	19,900	CFPD	50	9	1/2	18,800	CFPD	60	7	1/2	16,700	CFPD	70	7	1/2	16,700	CFPD	80	5	1/2	14,100	CFPD	90	5	1/2	14,100	CFPD	IHH	2432 psi	FHH	2411 psi	IFP	84-84 psi	FFP	84-127 psi	ICIP	1630 psi	FCIP	1577 psi	BHT	1290		
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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	12 1/4"	8 5/8"	23#	936'	Common Light weight	250 100	3% CaCl 2% gel 3% CaCl
Production		4 1/2"	10.5#	5008'	60/40 pozmix	125	
					RFC	125	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
NONE			2	3/4 DP	4985 - 94

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4953'	