

AFFIDAVIT AND COMPLETION FORM

ACO-1

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas, dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR A. Scott Ritchie API NO. 15-101-20.574-0000
 ADDRESS 125 N. Market, Suite 950 COUNTY Lane
Wichita, Kansas 67202 FIELD Unknown CARTMILL NO
 **CONTACT PERSON F. Judson Hipps LEASE Cartmill
 PHONE (316) 267-4375

PURCHASER Inland Crude Pruchasing Corp. WELL NO. 1
 ADDRESS 200 Douglas Bldg. WELL LOCATION NW SW SW
Wichita, Kansas 67202 330 Ft. from West Line and
990 Ft. from South Line of
 the SW/4 SEC. 22 TWP. 17S RGE. 28W

DRILLING CONTRACTOR Warrior Drilling, Inc.
 ADDRESS 905 Century Plaza
Wichita, Kansas 67202

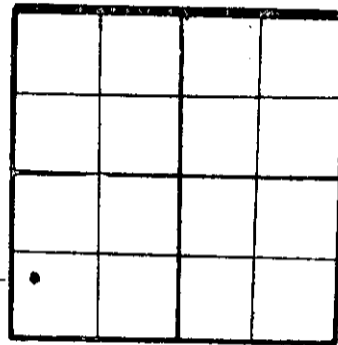
PLUGGING CONTRACTOR None
 ADDRESS _____

TOTAL DEPTH 4615' PBDT 4527'

SPUD DATE 10/19/81 DATE COMPLETED 11/20/81

ELEV: GR 2747 DF KB 2752'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS
 Report of all strings set - surface, intermediate, production, etc. (New)/(Used) casing.



WELL PLAT
 (~~Quarter~~)
 or (Full)
 Section -
 Please
 indicate.

KCC
 KGS

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 1/2"	8-5/8"	20#	319'	common	185	3% CCL, 2% gel
Production		4 1/2"	10.5#	4610'	50/50 poz 60/40 poz	25 200	10% salt, 5% gilsonite

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	SSB	4194'-4200'
			2	SSB	4128'-4133'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
Acidized with 1500 gal. 28% acid	4194'-4200'
Acidized with 1200 gal. 28% acid	4128'-4133'

TEST DATE:		PRODUCTION	
Date of first production <u>11/20/81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Swab test (will be pumping)</u>	A.P.I. Gravity	
RATE OF PRODUCTION PER 24 HOURS Oil <u>80</u> bbls.	Gas <u>MCF 0</u> bbls.	Gas-oil ratio	
Disposition of gas (vented, used on lease or sold)		Producing interval(s) <u>4194'-4200'; 4128'-4133'</u>	

** The person who can be reached by phone regarding any questions concerning this information.
 A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

RECEIVED
 NOV 25 1981
 CONSERVATION DIVISION
 Wichita, Kansas

Name of lowest fresh water producing stratum Ogallah formation Depth 101'
 Estimated height of cement behind pipe 3366'

WELL LOG

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
DST #1 from 4030' to 4051' (70' zone). Recovered 40' of oil cut mud. IFP:55-55#/30"; ISIP:1017#/45"; FFP:66-66#/30"; FSIP:1017#/45".			ELECTRIC LOG TOPS	
DST #2 from 4115'-4194' (140' & 160' zones). Recovered 542' of gassy, muddy oil IFP:110-187#/30"; ISIP:1180#/30"; FFP:253-286#/30"; FSIP: 670#/30".			Anhy B/Anhy Heebner Toronto Lansing Stark shale B/KC Marmaton Pawnee Ft. Scott Cherokee Sh. Johnson zone Mississippi LTD	2124'(+ 628) 2156'(+ 596) 3920'(-1168) 3935'(-1183) 3957'(-1205) 4218'(-1466) 4290'(-1538) 4318'(-1566) 4408'(-1656) 4462'(-1710) 4487'(-1735) 4527'(-1775) 4556'(-1804) 4610'(-1858)
DST #3 from 4193'-4214' (180' zone). Re- covered 995' of gassy oil. IFP: 99-143#/30"; ISIP:659#/30"; FFP:220-264#/30"; FSIP:670#/30".				
DST #4 from 4213'-4244' (200' zone). Recovered 80' of slightly oil specked muddy water. IFP:66-66#/30"; ISIP:876#/45"; FFP:88-88#/30"; FSIP:865#/45".				
DST #5 from 4282'-4427' (Marmaton and Upper Pawnee zones). Recovered 5' of mud, no show of oil. IFP:132-132#/30"; ISIP:286#/30"; FFP:132-132#/30"; FSIP:132#/30".				
DST #6 from 4450'-4560' (Ft. Scott & Johnson zones) Recovered 15' of mud. IFP:110-110#/30"; ISIP:418#/45"; FFP:110-110#/30"; FSIP:110#/45".				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

F. Judson Hipps OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS Geologist FOR A. Scott Ritchie OPERATOR OF THE Cartmill LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 20th DAY OF November 19 81, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) F. Judson Hipps
 SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF November 1981

CAROLYN S. HOLDEMAN
 STATE NOTARY PUBLIC
 Sedgwick County, Kansas
 My Appointment Expires 10/5/82

Carolyn S. Holdeman
 NOTARY PUBLIC

MY COMMISSION EXPIRES:

Amended ACO-1

AFFIDAVIT AND COMPLETION FORM

ACO-1

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas, dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR A. Scott Ritchie API NO. 15-101-20,574-2000
ADDRESS 125 N. Market, Suite 950 COUNTY Lane
Wichita, Kansas 67202 FIELD Unknown- Cartmill, North
**CONTACT PERSON F. Judson Hipps LEASE Cartmill
PHONE (316) 267-4375

PURCHASER Inland Crude Pruchasing Corp. WELL NO. 1
ADDRESS 200 Douglas Bldg. WELL LOCATION NW SW SW
Wichita, Kansas 67202 330 Ft. from West Line and
990 Ft. from South Line of
the SW/4 SEC. 22 TWP. 17S RGE. 28W

DRILLING CONTRACTOR Warrior Drilling, Inc.
ADDRESS 905 Century Plaza
Wichita, Kansas 67202

PLUGGING CONTRACTOR None
ADDRESS _____

TOTAL DEPTH 4615' PBDT 4527'

SPUD DATE 10/19/81 DATE COMPLETED 11/20/81

ELEV: GR 2747' DF KB 2752'

WELL PLAT
(~~XXXXXX~~)
or (Full)
Section -
Please
indicate.

KCC
KGS

DRILLED WITH (CABLE) (ROTARY) (AMV) TOOLS
Report of all strings set - surface, intermediate, production, etc. (New)/(Used) casing.

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"	20#	319'	common	185	3% CCL, 2% gel
Production		4 1/2"	10.5#	4610'	50/50 poz 60/40 poz	25 200	10% salt, 5% gil sonite

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2	SSB	4194'-4200'
Size	Setting depth	Packer set at	2	SSB	4128'-4133'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
Acidized with 1500 gal. 28% acid	4194'-4200'
Acidized with 1200 gal. 28% acid	4128'-4133'

TEST DATE:		PRODUCTION	
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	A.P.I. Gravity	
<u>11/20/81</u>	<u>Swab test (will be pumping)</u>		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
	<u>80</u> bbls.	<u>0</u> bbls.	<u>0</u> bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval(s)	
		<u>4194'-4200'; 4128'-4133'</u>	

** The person who can be reached by phone regarding any questions concerning this information.
A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

NOV 23 1981
STATE OF KANSAS COMMISSION
OCT 5 1981
CONSERVATION DIVISION
copy to Com. 11-24-81

Name of lowest fresh water producing stratum Ogallah formation Depth 101'
 Estimated height of cement behind pipe 3366'

WELL LOG

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
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			ELECTRIC LOG TOPS	
			Anhy	2124' (+ 628)
			B/Anhy	2156' (+ 596)
			Heebner	3920' (-1168)
			Toronto	3935' (-1183)
			Lansing	3957' (-1205)
			Stark shale	4218' (-1466)
			B/KC	4290' (-1538)
			Marmaton	4318' (-1566)
			Pawnee	4408' (-1656)
			Ft. Scott	4462' (-1710)
			Cherokee Sh.	4487' (-1735)
			Johnson zone	4527' (-1775)
			Mississippi	4556' (-1804)
			LTD	4610' (-1858)

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

F. Judson Hipps OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

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FURTHER AFFIANT SAITH NOT.

(S) F. Judson Hipps

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF November 1981

CAROLYN S. HOLDEMAN
 STATE NOTARY PUBLIC
 Sedgwick County, Kansas
 My Appointment Expires 10/5/82

Carolyn S. Holdeman
 NOTARY PUBLIC

MY COMMISSION EXPIRES:

OPERATOR Ritchie Exploration LEASE NAME Cartmill

SEC. 22 TWP. 17S RGE. 28W

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
<p>This is new information to be added to the original ACO-1 form:</p>				
<p><u>WORKOVER REPORT</u></p>				
<p>7/31/85 Perforated with 2 SSB jets per foot from 4138' to 4143' (140' zone).</p>				
<p>8/01/85 Acidized first stage with 500 gal. of 28% and 5% Servisol at 6 bbls. per min. at 0 PSI. Ran a 300 lb. plug and 600 gal. of 28% acid.</p>				
<p>8/02/85 Perforated with 2 SSB jets per foot from 4169' to 4178' (160' zone) and from 4040' to 4044' (70' zone). Acidized with 750 gal. of 28% MCA.</p>				
<p>8/05/85 Acidized with 600 gal. of 28% MCA.</p>				
<p>8/06/85 Set a drillable plug at 3536'.</p>				
<p>8/07/85 Pumped 500 sacks of 50/50 pozmix, 6% gel and 75 sacks of hot cement and squeezed to 1400 PSI.</p>				
<p><u>**NOTE:</u> Copy of the original ACO-1 form is attached.</p>				

STATE OIL AND GAS COMMISSION
 FEB 5 1985
 CONSERVATION DIVISION