

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE



Operator: License # 9313

Name: Jim Lorenz

Address 18080 Kiowa Rd.

Parsons, KS 67357

City/State/Zip _____

Purchaser: Flint Hills Energy

Operator Contact Person: Jim Lorenz

Phone (316) 421-6906

Contractor: Name: Thornton Drilling

License: 4815

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Conmingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

2-26-98 2-27-98 3-4-98

Spud Date Date Reached TD Completion Date

API NO. 15- 205-251800000

County Wilson

S1/2 SE-NW Sec. 30 Twp. 29 Rge. 15 XE W

2970 Feet from S/W (circle one) Line of Section

3300 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Creager Well # 3

Field Name Hudson

Producing Formation Mulkey coal

Elevation: Ground _____ KB _____

Total Depth 1206 PBTD _____

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1185

feet depth to surface w/ 213 sx cmt.

Drilling Fluid Management Plan AH2, 6-9-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature _____

Title _____ Date 4-15-98

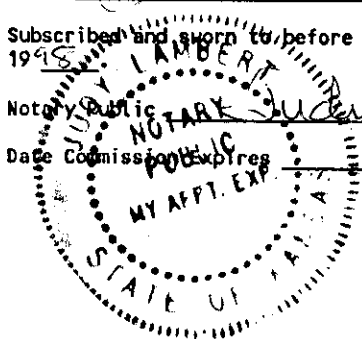
Subscribed and sworn to before me this 15th day of April, 1998

Notary Public _____

Date Commission Expires 12/20/98

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

RCVD
04-20-98



SIDE TWO

ORIGINAL

Operator Name Jim Lorenz Lease Name Creager Well # 3

Sec. 30 Twp. 29 Rge. 15 East West
 County Wilson

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
GAMMA RAY Neutron

Log Formation (Top), Depth and Datums Sample

Name Top Datum

see attached

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	10"	8 5/8"		20	Portland	5	
production	6 3/4"	4 1/2"		1185.9	50/50 Poz OWC	183 30	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth
4	836' - 841'	100 gal. acid	
		500 lb. 20/40 sand	
		2000 lb. 12/20 sand	

TUBING RECORD Size 2 3/8 Set At 851 Packer At - Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 20 Gas Mcf 10 Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 836'-841'

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 OR 800-467-8676

TICKET NUMBER 09212

LOCATION Chanute, ks

FIELD TICKET

ORIGINAL

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-2-98	4909	Creeper # 3					Wilson	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1 Well	PUMP CHARGE Cement Pump		4450.00
		HYDRAULIC HORSE POWER		
4909	1	4 1/2" Rubber Plug	25.00	25.00
1111	75x 350#'s	SALT 50#	0.16 a #	56.00
1107	15x	25# Flo-Seal	31.00	31.00
1102	25x	Calcium Chloride 50#	28.50	57.00
1126	35x	OWC	11.00	N/C
1118	15x	Premium Gel in (OWC)	10.00	N/C
1118	25x	Premium Gel on the side	10.00	20.00
1118	25x	Premium Gel in (Poz Mix)	10.00	20.00
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502	2 1/2 Hrs	VACUUM TRUCKS		125.00
		FRAC SAND		
1124	183 5x	CEMENT 50/50 Poz Mix	7.00	1281.00
1126	305x OWC	Gel Seal, 6% OWC, 2% Cal. Chloride, 2% Gel		330.00
		NITROGEN		
5406	30 miles	TON-MILES One/way	2.50	75.00
ESTIMATED TOTAL				2586.48

NSCO #15087

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

Rubin Shaddy

CUSTOMER or AGENT (PLEASE PRINT)

DATE

March 2, 1998

158914

Office Phone
335-0711

THORNTON DRILLING COMPANY
132 SE CHOLWELL
BARTLESVILLE, OK 74006

Residence
534-1987

Operator:		Well No.	Lease	Loc.	1/4	1/4	1/4	Sec.	Twp.	Rge.	
James D. Lorenz		Creager 3							30 29	15E	
County:		State:	Type/Well	Depth:	Hours:	Date Started:		Date Completed:			
Wilson		Kansas		1206ft		02-26-98		02-27-98			
Driller:		Driller:	Casing Used:			Cement Used:		Rig No:			
L. Atchison			21ft			6 bags		1			
From	To	Formation	From	To	Formation	From	To	Formation			
0	3	Sandy Lime	619	629	Sandy Shale	1026	1044	Shale			
3	79	Lime	629	737	Shale w/Lime Streaks (gas test	1044	1046	(mixed) Shale & Lime			
79	84	Shale			690' no pressure)	1046	1048	Lime			
84	87	(mixed) Lime & Shale	737	739	Lime	1048	1051	Sandy Shale			
87	178	Shale w/Lime Streaks	739	742	Shale	1051	1053	Shale			
178	195	Lime w/Shale Streaks	742	752	Lime	1053	1054	Coal			
195	209	Shale	752	756	Shale	1054	1056	Silky Shale w/Lime Streaks			
209	260	Sand	756	761	Lime	1056	1060	Shaley Sand (light odor)			
260	266	Lime	761	801	Shale	1060	1068	Sandy Shale			
266	303	Shale w/Lime Streaks	801	825	Lime	1068	1075	Shaley Sand (odor)			
303	323	Lime	825	829	Shale	1075	1077	(brown) Lime			
323	343	(mixed) Lime & Shale	829	834	Lime	1077	1121	Shale			
343	378	Lime (water 371')	834	838	Shale w/Coal Streaks	1121	1124	(Riverton) Coal			
378	398	(mixed) Lime & Shale	838	839	Coal	1124	1136	(Miss) Chat (odor)			
398	402	Lime w/Shale Streaks	839	844	Lime	1136	1143	(Miss) Chert			
402	412	(laminated) Sand & Shale	844	846	Shale	1143	1171	(Miss) Lime			
412	450	Sand	846	847	Lime	1171	1182	(mixed) Lime & Chert			
450	452	Coal	847	954	Shale(gas test 865' 1/2" orifice	1182	1206	Lime			
452	456	Silky Shale			7# 94.500mcf)						
456	481	Lime	954	962	Sandy Shale w/Lime Streaks		1206	TD			
481	505	Shale	962	976	Shale w/Lime Streaks						
505	529	Lime (odor 505-529')	976	1002	Sandy Shale						
529	532	shale w/Pyrite Streaks	1002	1004	Coal						
532	549	Shale	1004	1012	Sandy Shale						
549	553	Lime	1012	1015	Coal						
553	598	Shale	1015	1026	Sandy Shale (gas test 1016' 1/2"						
598	619	Lime			orifice 12# 129.000mcf)						