

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

API NO. 15- 205-251510000 (0004)

County Wilson

-NW -NE -NW Sec. 30 Twp. 29 Rge. 15 NE W

4950 Feet from S/N (circle one) Line of Section

3630 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 # 1

Field Name Wildcat

Producing Formation Cattlemans

Elevation: Ground 990 KB \_\_\_\_\_

Total Depth 1265 PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes x No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1250

feet depth to surface w/ 165 sx cmt.

Drilling Fluid Management Plan 11/14/97  
(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 10-22-97

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 9313

Name: James D. Lorenz

Address 18080 Kiowa Rd.

City/State/Zip Parsons, KS 67357

Purchaser: Flint Hills Energy

Operator Contact Person: Jim Lorenz

Phone ( 316 ) 421-6906

Contractor: Name: Mokat Drilling

License: 5831

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

x New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd.

x 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 \_\_\_\_\_ PBDT

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

7-18-97 7-21-97 8-1-97  
Spud Date Date Reached TD Completion Date

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 10/21/97

Subscribed and sworn before me this 21<sup>st</sup> day of Oct, 1997

Notary Public Judy Lambert  
Date Commission Expires 12/20/98

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
<u>✓</u> KCC	_____ SWD/Rep	_____ NGPA
_____ KGS	_____ Plug	_____ Other (Specify)

SIDE TWO

Operator Name Jim Lorenz Lease Name Creager Well # 1

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:	<u>GAMMA RAY - Neutron</u>		

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"		1250	Poz	130	
					OWC	35	

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) Depth	
		4	997-1003
		5,000 lb sand	

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>1013</u>	Packers At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>8-1-97</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>40</u>	Water Bbls. <u>10</u>	Gas-Oil Ratio <u>          </u> Gravity <u>          </u>

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Conmingled  Other (Specify) \_\_\_\_\_

Production Interval: 997'  
1003'



Operator Jim Lorenz		Well No. #01	Lease Greager	Loc.	%	%	%	Sec. 30	Twp. 29	Rge. 15		
County Wilson		State KS	Type/Well	Depth 1265'	Hours	Date Started 7-18-97	Date Completed 7-21-97					
Job No.	Casing Used 21' 8 5/8"	Bit Record				Coring Record						
Driller Tootie	Cement Used	Bit No.	Type	Size 6 3/4"	From	To	Bit No.	Type	Size	From	To	% Rec.
Driller	Rig No.											
Driller	Hammer No.											

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	1	overburden	415	445	sandy lime	960	990	sandy shale			
1	26	lime	445	460	sand	990	1020	sand			
26	28	shale	460	500	sandy shale	1015		gas test 4 1/2 lbs. 1/4"			
28	33	lime	500	520	lime	1020	1060	shale			
33	35	shale	520	545	shale limey	1065		gas test (same)			
35	128	lime	545	577	lime (oil odor)	1060	1072	sand			
128	219	shale	577	600	blk. shale	1072	1076	coal (water)			
219	221	lime	600	610	sandy shale	1076	1080	shale			
221	227	shale	610	650	sandy lime	1080	1106	sandy shale			
227	229	lime	650	665	sand	<del>1090</del>	<del>1106</del>	<del>gas test</del>			
229	232	shale	665	683	lime	1090		gas test (same)			
232	234	lime	683	779	shale	1106	1150	sand (oil odor)			
234	237	shale	779	782	lime	1150	1160	shale			
237	238	coal	782	787	shale	1160	1184	shale			
238	243	shale	787	807	lime	1165		gas test (same)			
243	246	sandy shale	807	818	blk. shale	1184	1220	lime & chat (miss)			
246	285	sand (wet)	818	823	sandy shale	1204		gas odor			
285	295	sandy shale	823	832	sand (oil odor)	1215		gas test (same)			
295	297	coal	832	844	shale	1220	1265	lime			
297	302	sandy shale	844	865	lime (oswego)						
302	305	lime	845		gas test (no gas)						
305	318	shale	865	873	blk. shale						
318	325	sandy shale	873	883	lime						
325	344	shale	875		gas test (no gas)			T.D. 1265'			
344	402	lime	883	886	blk. shale (water)						
402	407	sandy shale	886	890	lime						
407	415	lime (water)	890	960	shale						
			888		gas test 1 lbs. 1/4"						

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

TICKET NUMBER

7817

LOCATION

Chanute

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-23-97	4404	Crown #1		30	29	15	COL	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5405	216	PUMP CHARGE		4107.00
		HYDRAULIC HORSE POWER		
1118	20x	Formation Cost		200.00
4404	4 1/2	Rubber Pump		200.00
		STAND BY TIME		
		MILEAGE		
5501	510	WATER TRANSPORTS		1500.00
		VACUUM TRUCKS		
		FRAC SAND		
1124	130	CEMENT		710.00
1125	31 1/2	Oil		385.00
		NITROGEN		
5411	2 miles	TON-MILES		112.00
ESTIMATED TOTAL				1950.00

NSCO #15097

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

R. [Signature]

CUSTOMER or AGENT (PLEASE PRINT)

DATE

7-23-97

156266