

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

SIDE ONE

API NO. 15-047-21-298-0000
County: Edwards
NW SE NE NE Sec. 19 Twp. 24 Rge. 17W East West

Operator: License # 5056
Name: F.G. Holl Company
Address: P.O. Box 780167
6427 E. Kellogg
City/State/Zip: Wichita, Ks. 67278-0167

4455 Ft North from Southeast Corner of Section
495 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser: KNEnergy, Inc

Lease Name: Cross Well # 2-19

Operator Contact Person: Becky Norris
Phone: (316) 684-8481

Field Name: Mundhenke

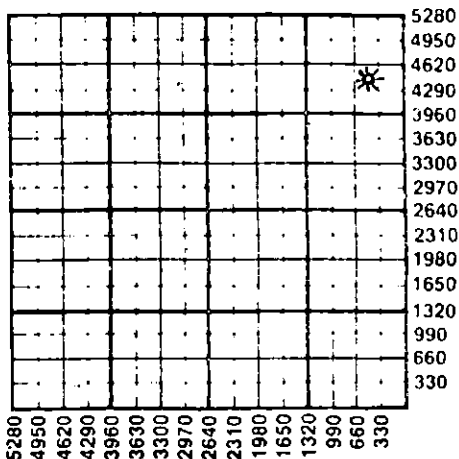
Producing Formation: Cherokee sand

Contractor: License # 5142
Name: Sterling Drilling Co.

Elevation: Ground 2121 KB 2130

Wellsite Geologist: Franklin Greenbaum
Phone: (316) 684-8481

Section Plat



Designate Type of Completion
X New Well Re-Entry Workover
Oil SWD Temp Abd
X Gas SI Inj Delayed Comp.
Dry K-K Other (Core, Water Supply etc.)

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

If OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
10-29-87 11-4-87 3-1-88
Spud Date Date Reached TD Completion Date
4560' PBDT

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T87-469

Amount of Surface Pipe Set and Cemented at 307 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West
Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West
Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

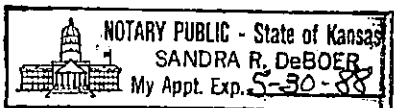
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Elwyn H. Nagel
Title: Manager Date: 3-2-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Subscribed and sworn to before me this 2nd day of MARCH 1988
Notary Public: Sandra R. DeBoer
Date Commission Expires: 5-30-88

MAR 3 1988
CONSERVATION DIVISION
Wichita, Kansas



Sec. 19 Twp. 24 Rge. 17W

SIDE TWO

Operator Name F. G. Holl Company Lease Name Cross Well # 2-19

Sec. 19 Twp. 24 Rge. 17W East West County Edwards

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

DST #1 4370-4410

Gas to surface in 1 1/2 min.
 Mist of oil 10 min. into 2nd opening.

IFP: 1337#-1352# ; 25"
 ISIP: 1456# ; 30"
 FFP: 1364#-1368# ; 20"
 FSIP: 1454# ; 60"

Rcd: 135' CGO

Strong blow on both initial and final blow.

Heebner	3783	(-1653)
Brown Lime	3906	(-1776)
LKC	3914	(-1784)
BKC	4209	(-2079)
Congl.	4419	(-2289)
Mississippi	4433	(-2303)

CASING RECORD <input 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		8 5/8"		307' KB	60/40 Poz	225	3% cc
Production		4 1/2"	10.5#	4558' KB	Lite	100	
					50/50 Poz	100	FG. Holl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	4303-08						
TUBING RECORD							
Size 2"		Set At 4379.48		Packer at --		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
SI		Oil		Gas		Water	
Estimated Production Per 24 Hours		Bbls		MCF		Gas-Oil Ratio CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

4303-08