

11-10-12 W

SIDE ONE

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

Operator: License # 7124  
Name H & H Production  
Address P.O. Box 348  
City/State/Zip Russell, KS 67665

Purchaser: Farmland Industries, Inc.  
Box 7305 K. C., MO 64116

Operator Contact Person Rudy A. Herman  
Phone 913-483-4898

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist Nelson R. Thomas  
Phone 316-943-4676

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5-23-89 5-28-89 6-19-89  
Spud Date Date Reached TD Completion Date  
3000'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 568 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated No  
from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API NO. 15-141-20,245  
County Osborne  
C...NW...SW... Sec...11 Twp...10 Rge...12...XX East West

1980 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Sagle Well # 2

Field Name Wildcat

Producing Formation Kansas City

Elevation: Ground 1725 1730 KB  
Section Plat

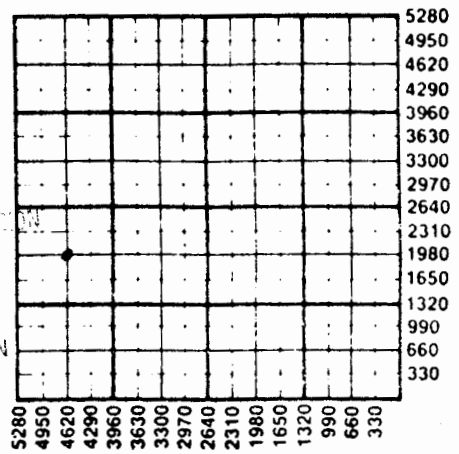
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

SEP 14 1989

RECEIVED

SEP 14 1989

STATE CORPORATION COMMISSION  
WICHITA BRANCH  
WICHITA, KANSAS



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

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

X Other (explain) City of Luray (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission,

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	7.5Bbls	MCF	80% Bbls	CFPB	34

All requirements of the statutes, rules and regulations promulgated to...

SIDE TWO

Operator Name H & H Production Lease Name Sigle Well # #2

Sec. 11 Twp. 10 Rge. 12  East  West County Osborne

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
Anhydrite	758	
Topeka	2,661	
Huebner	2,899	
Lansing	2,954	3,000

V 45  
 W 9.8  
 LANSING 2955  
 -7:00AM 5-29-89-1225  
 -V 43 DST NO 1  
 W 9.8 2961-2992  
 TIME 10-30-60  
 FP 52-52-52-52  
 BHP 997-873  
 H.H 1630-1630 T.99°  
 REC. 60' GIP  
 30' of GCM  
 11% oil 5% Gas  
 6% Water  
 78% Mud  
 TOTAL DEPTH 3000  
 -1270

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	12 1/2"	8-5/8"	20#	568'	60/40 poz	225	2% gel 3% cc
Production	7-7/8"	5 1/2"	14 & 15 1/2#	2999'	common	115	
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	2983-2987			2,000 gal 15% reg. acid Shot		2983-2987	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
6-26-89				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			