

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

S

159-22,185,0000

Operator: License # 5142
Name STERLING DRILLING COMPANY
Address P.O. Box 129
City/State/Zip Sterling, Kansas 67579

Purchaser Texaco Trading and Transportation Inc.

Operator Contact Person Richard L. Mead
Phone (316) 278-2131

Contractor: License # 5142
Name STERLING DRILLING COMPANY

Wellsite Geologist Steve McClain
Phone (316) 938-2396

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

X Mud Rotary Air Rotary Cable

June 25, 1987 June 30, 1987 July 20, 1987
Spud Date Date Reached TD Completion Date
3509' 3463'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 224 K.B.
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 #

API NO. 15-159-22,185,0000
County Rice
G. NW/4 Sec. 21 Twp 21S Rge. 7W East X West
4010 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

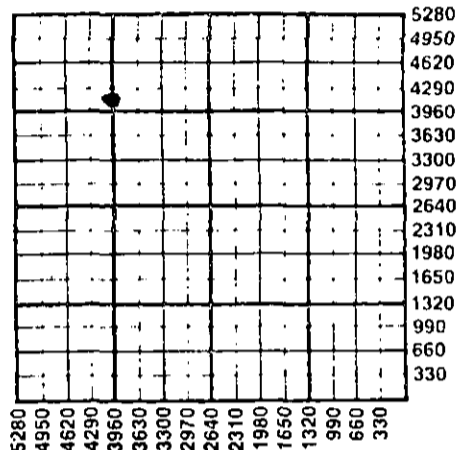
Lease Name Thode Well # 6

Field Name Wherry

Producing Formation Mississippian Limestone

Elevation: Ground 1607' KB 1616'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # 93,330-C (C-16,300) Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water: RECEIVED 9-1-1987
Division of Water Resources Permit Commission
Water well drilled in 1971.
X Groundwater 4600 Ft North from Southeast Corner (Well) 2660 Ft West from Southeast Corner of Sec 21 Twp 21S Rge 7W East X West Wichita, Kansas
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.

STERLING DRILLING COMPANY
Signature Richard L. Mead
Title President Date Aug. 24, 1987

Subscribed and sworn to before me this 24 day of August 1987
Notary Public Agnes D. Wurst
Date Commission Expires April 6, 1989

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)



Sec. 21 Twp 21S Rge. 7W

Operator Name STERLING DRILLING COMPANY Lease Name Thode Well # 6

Sec. 21 Twp. 21S Rge. 7W East West County Rice

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
Heebner Sh	2736'	-1120
Douglas Sh	2764'	-1148
Brown Ls	2898'	-1282
Lansing Top	2921'	-1305
Osage (Miss)	3385'	-1769
Mississippian Limestone	3465'	-1849

CASING RECORD New 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 1/4"	8 5/8"		224 K.B.	60/40	200	2% gel and 3% cc
Production	7 7/8"	5 1/2"	14 & 15.5#	3508'	60/40	150	18% salt, 3/4 of 1% CFR-2

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3386 - 3390	750 gal MCA acid and 85 bbl water	3400
4	3394 - 3400	16,000 bbl water, 20,000# sand	3400

TUBING RECORD Size 2 7/8" Set At 3430 K.B. Packer at None Liner Run Yes No

Date of First Production July 24, 1987 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	6 Bbls	15 MCF	250 Bbls	Do not know	36
				CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify) 3386 - 3400
 Dually Completed Commingled

STERLING DRILLING COMPANY

BOX 129

STERLING, KANSAS 67579

WELL LOG - - - - - THODE #6

Located: 50' north of C NW/4, Section 21-21S-7W, Rice
County, Kansas

OWNER: Sterling Drilling Company and N. L. Koin Partnership
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: June 25, 1987

COMPLETED: July 1, 1987

TOTAL DEPTH: 3509'

LOG

0 - 80 Sand
80 - 226 Clay, Shale
226 - 370 Shale
370 - 3509 Lime and Shale

CASING RECORD

Ran 5 joints 8 5/8" casing. 211.53'
pipe set at 224' K.B. Cemented with
200 sacks 60/40 Pozmix, 2% gel and
3% cc. Plug down at 5:15 PM, 6-26-87,
by Howco.

Ran 96 joints 5 1/2", 14# and 15.5#
used casing. 3494.09' pipe set at
3508' K.B. Cemented with 150 sacks
60/40 Pozmix, 18% salt, 3/4 of 1%
CFR-2. Plug down at 7:45 AM, 7-1-87,
by Howco.

RECEIVED
STATE CORPORATION COMMISSION

SEP 1 1987

CONSERVATION DIVISION
Wichita, Kansas

Deviation Survey" 1 1/2° at 3509'