

4/31/87

KC End

S SIDE ONE



STATE CORPORATION COMMISSION OF KANSAS
GAS CONSERVATION DIVISION
FROM CONFIDENTIAL
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # ...6033...
Name ...Murfin Drilling Company...
Address ...250 N. Water, Suite 300...
City/State/Zip ...Wichita, Ks., 67202...
Purchaser ...Koch Oil Co.
Wichita, KS 67202...
Operator Contact Person ...Larry M. Jack
Phone ...316-267-3241...
Contractor: License # ...6033...
Name ...Murfin Drilling Company...
Wellsite Geologist ...Steve Dixon
Phone ...316-262-0135...

Designate Type of Completion
[X] New Well [] Re-Entry [] Workover
[] Oil [] SWD [] Temp Abd
[xx] 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...

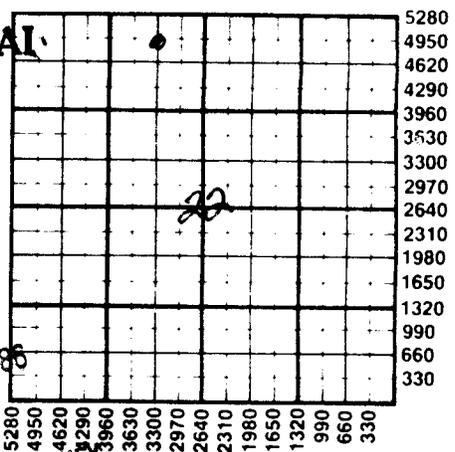
WELL HISTORY

Drilling Method:
[X] Mud Rotary [] Air Rotary [] Cable
12/04/85 12/14/85 1/31/86
Spud Date Date Reached TD Completion Date
4730' 4676'
Total Depth PBTD 301
Amount of Surface Pipe Set and Cemented at...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

API NO. 15-...077-21,120...
County...Harper...
C.N/2.NE.NW...Sec...22 Twp...31 Rge...6...
4950... Ft North from Southeast Corner of Section
3300... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name...HUFFORD...Well #...1-22...
Field Name...GISH, EAST...
Producing Formation...Mississippian...
Elevation: Ground...1422...KB...1429...

Section Plat

CONFIDENTIAL



MAY 05 1986

WATER SUPPLY INFORMATION

Disposition of Produced Water: [] Disposal [] Repressuring
Docket # ...

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
Twp Rge [] East [] West
STATE CORPORATION COMMISSION
[] Surface Water...Ft North from Southeast Corner
(Stream, ...Ft West from Southeast Corner
Sec Twp Rge [] East [] West
CONSERVATION DIVISION
[] Other ...
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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.

SIDE TWO

Operator Name Murfin Drilling Company Lease Name Hufford Well # 1-22

Sec. 22 Twp. 31S Rge. 6W East West County Harper

*Currently shut in gas well 4/86. Estimated Production Per 24 Hours	Oil 7 Bbls	Gas 200 MCF	Water 80 Bbls	Gas-Oil Ratio ---	Gravity -- CFPB
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METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4246-54'

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1: 4230-50, 30-60-60-90,
 IF: GTS 17 minutes, Rec. 30' GCM,
 HP: 2130-2107, FP: 35/35 35/35, SIP: 1451-1451

DST #2: 4248-4263, 30-60-60-90.
 IF: GTS in 8 min.
 Rec. 185' GCM (no oil or water)
 HP: 2141-2119, FP: 59/59 71/71
 SIP: 1543-1532, BHT 129°

DST #3: 4259-4271, IF: FTS 3 minutes.
 Rec. 60' GCM, 180' MW.
 HP: 2141-2119, FP: 47/47 59/71
 SIP: 1543-1543, BHT: 129°

Name	Top	Bottom
HEEBNER	3074	(-1645)
TORONTO	3090	(-1661)
IATAN	3330	(-1901)
LANSING	3648	(-2219)
STARK	3818	(-2389)
MISS	4222	(-2793)
KINDERHOOK	4534	(-3105)
SIMPSON	4657	(-3228)
RTD	4730	
LTD	4727	

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 Prod.	12 1/4 7 7/8"	8 5/8" 4 1/2"	24# 10 1/2#	301' 4724'	60/40 poz Class A	175 200 1/2	3% cc 2% gel 10% salt, 3/4% gal. latex/sx.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	4246-54'	250 gal. 15% FE, 1000 gal. 15% FE, 123,000 SCF N2	4246-54'

TUBING RECORD

Size 2 3/8" Set At 4260' Packer at _____ Liner Run Yes No

Date of First Production * 1/31/86 Producing Method Flowing Pumping Gas Lift Other (explain).....

CFR-2