

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 # 5171
Name TXO PRODUCTION CORP.
Address 200 W. Douglas
Suite 300
City/State/Zip Wichita, Kansas 67202

Purchaser: NGPL Northern Gas Pipe Line
1050 17th St.
Denver, CO 80202

Operator Contact Person Harold R. Trapp
Phone (316) 265-9441 Ext. 261

Contractor: License # 6165
Name FWA Drilling Co., Inc.

Wellsite Geologist William J. Stobbe
Phone (316) 722-9327

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

If OWWO: old well info as follows:
Operator N/A
Well Name N/A
Comp. Date N/A Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12-20-84 1-02-85 2-7-85
Spud Date Date Reached TD Completion Date
4980' 4906'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 8-5/8" @ 431 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set..... N/Afeet
If alternate 2 completion, cement circulated
from..... NOfeet depth to..... w/..... SX cmt

API NO. 15-097-21,096-0000
County Kiowa
NW NW SE Sec. 20 Twp. 29S Rge. 18 East West

2310' Ft North from Southeast Corner of Section
2310' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

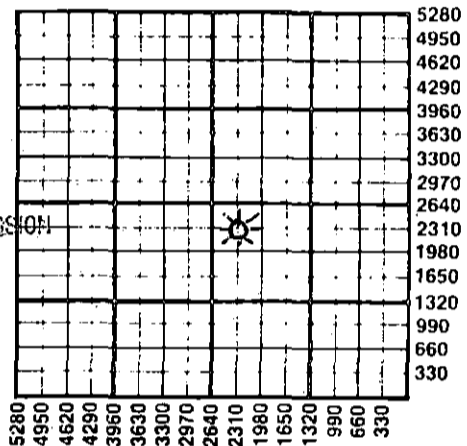
Lease Name Harper "E" Well # 1

Field Name Nichols

Producing Formation N/A

Elevation: Ground 2258' KB. 2269'

Section Plat



RECEIVED
4-26-85
APR 26 1985
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # N/A

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water: N/A
Division of Water Resources Permit # N/A
 Groundwater N/A Ft North from Southeast Corner
(Well) N/A Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water N/A Ft North from Southeast Corner
(Stream, pond etc) N/A Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain) N/A
(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.

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 Harold R. Trapp
Title District Geologist Date 2-12-85

Subscribed and sworn to before me this 12th day of February 1985.
Notary Public Sandra Lou Felter

Date Commission Expires 1-30-88

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

Sandra Lou Felter
NOTARY PUBLIC
State of Kansas
My Appt. Expires 1-30-88

Sec 20 Twp 29 Rge 18 W

SIDE TWO

Operator Name TXO PRODUCTION CORP. Lease Name..... Harper "E" Well #..... 1

Sec..... 20 Twp..... 29S Rge..... 18 East West County..... Kiowa

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

DST #1, 4363-73' (Lansing "B"), w/results as follows:
 IFP/30"=was invalid, strong blow - plugged off
 ISIP/60"=1426#
 FFP/45"=989-894#
 2500 MCFD w/slight mist
 FSIP/90"=1402#
 Rec. 0 fluid

DST #2, 4497-4515', (Drum), w/results as follows:
 IFP/30"=73-61#, weak blow
 ISIP/60"=110#
 FFP/45"=73-73#, weak blow, died after 35"
 FSIP/90"=122#
 Rec. 25' DM

DST #3, 4786-4810', (Marmaton) w/results as follows:
 IFP/30"=61-61#, fair to strong blow
 ISIP/60"=1661#, FFP/45"=49-49#, strong blow
 FSIP/90"=1532#. Rec. 20' DM

Name	Top	Bottom
Heebner	4139	-1870
B.L.	4319	-2050
Lansing	4331	-2062
"B"	4355	-2086
"C"	4389	-2120
Iola	4428	-2159
"G"	4452	-2183
Drum	4504	-2235
Dennis	4595	-2326
Swope	4654	-2385
Hertha	4702	-2433
BKC	4738	-2469
Marmaton	4784	-2515
Cher.	4867	-2598
Miss.	4910	-2641
RTD	4980'	
LTD	4981'	
PBD	4906'	

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	11"	8-5/8"	23#	431'	350 sxs	250 sxs	Lite + 100 sxs
Production		5-1/2"	14#	4979'	250 sxs	Class "A"	(Common)

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4 JSPF	4461-70'	Treat w/2000 gals 7 1/2% HCl	4461-70'
4 JSPF	4912-24'	Treat w/500 gals 15% NF	4912-24'

TUBING RECORD
 Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method
 3-15-85 Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	0 BO	1478 MCFD	0 BW		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation LKC "G" 4461-70'
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled