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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 155 N. Market
Suite 1000
City/State/Zip Wichita, KS 67202

Operator Contact Person Gary Wurdeman
Phone 316-269-7600

Contractor: License # 5107
Name H-30 Drilling, Inc.

Wellsite Geologist None
Phone

PURCHASER N/A

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5-31-86 6-4-86 6-6-86
Spud Date Date Reached TD Completion Date
3950' N/A
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 254' K.B. feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet

If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-077-21,134-00-00

County Harper

N/2 NW SE Sec. 13 Twp. 35S Rge. 7 East West

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

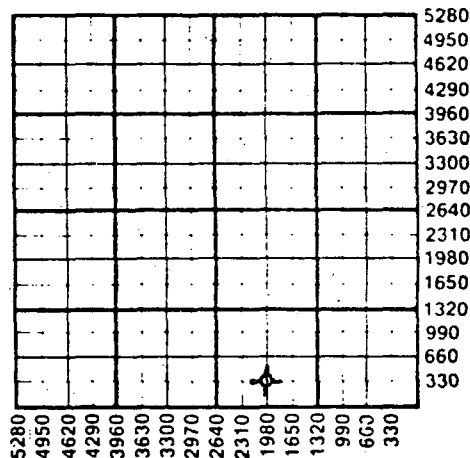
Lease Name LEAR Well # 1

Field Name Manchester

Producing Formation N/A (Dry)

Elevation: Ground 1280' KB 1285'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # N/A

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) N/A (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # N/A

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 Doug Clark
Title District Geologist Date 6-27-86

Subscribed and sworn to before me this 27th day of June 1986.

Notary Public Carolyn J. Huston
Date Commission Expires 3-5-90



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

JUL - 2 1986

Form ACO-1 (7-84)

Operator Name **JXO PRODUCTION** Lease Name **LEAR** Well # **1** SEC. **13** TWP. **35S** RGE. **7** East West

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, 3846'-3880' (Stalnaker):
 IFP/30"=312-500#
 ISIP/60"=1412#
 FFP/45"=644-862#
 FSIP/90"=1433#
 Strong blow throughout, no gas; Rec. 2080' MSW
 (CI=134,000)

| Name | Top | Bottom |
|-----------------|-------|--------|
| LOG TOPS: | | |
| Elgin Sandstone | 3316' | -2031' |
| Heebner | 3410' | -2125' |
| Toronto | 3442' | -2157' |
| Iatan | 3768' | -2483' |
| L. Stalnaker | 3852' | -2567' |
| TD | 3950' | |

| CASING RECORD <input checked="" 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 | 12-1/4" | 8-5/8" | 24# | 254' KB | Lite Common | 100 75 | 2% gel & 3% CaCl |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | Depth | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| N/A | | | | | | | |
| Date of First Production | | Producing Method | | | | | |
| N/A | | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | 0 Bbls | 0 MCF | 0 Bbls | | | | |

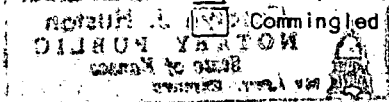
METHOD OF COMPLETION

Production Interval

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

D. & A. 6-6-86

Dually Completed



**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

FORM 1908 R-4

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73536

ATTACH TO INVOICE & TICKET NO. 436750

DISTRICT Peatt, Kansas

DATE May 31, 1986

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: TXD Production Corp (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Leas SEC. 13 TWP. 35 S RANGE 7 W
FIELD Whart COUNTY Harper STATE Kansas OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

| FORMATION NAME | TYPE | NEW USED | WEIGHT | SIZE | FROM | TO | MAX. ALLOW. P.S.I. |
|--|------------|----------|--------|------|------|----|--------------------|
| FORMATION THICKNESS | FROM TO | | | | | | |
| PACKER: TYPE | SET AT | | | | | | |
| TOTAL DEPTH | MUD WEIGHT | | | | | | |
| BORE HOLE | | | | | | | SHOTS/FT. |
| INITIAL PROD: OIL BPD, H ₂ O BPD, GAS MCF | | | | | | | |
| PRESENT PROD: OIL BPD, H ₂ O BPD, GAS MCF | | | | | | | |
| PERFORATIONS | | | | | | | |
| PERFORATIONS | | | | | | | |
| PERFORATIONS | | | | | | | |

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Concrete 8 1/2" Surface Pipe with 100 lbs light, 3% Caoh, and 75 lbs 'A', 246 gal, 3% Caoh

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees:
- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
 - (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - (j) Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - (k) This contract shall be governed by the laws of the state where services are performed or equipment or materials are furnished.
 - (l) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

JUL - 2 1986
CONSERVATION DIVISION
Wichita, Kansas

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED _____ CUSTOMER
DATE 5-31-86

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME 16:20 A.M. P.M.

CUSTOMER