

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 Doug Clark
Phone 316 269-7600

Contractor: License # 5829
Name Aldebaran Drilling Co.

Wellsite Geologist Bob Laymon
Phone 316 685-0874

PURCHASER D & 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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

2-14-86 2-24-86 2-25-86
Spud Date Date Reached TD Completion Date
5070 N/A
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 537' feet

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

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

API NO. 15-097-21-208-0000
County Kiowa
approx. SE NE Sec. 34 Twp. 28S Rge. 20 East West

3200 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

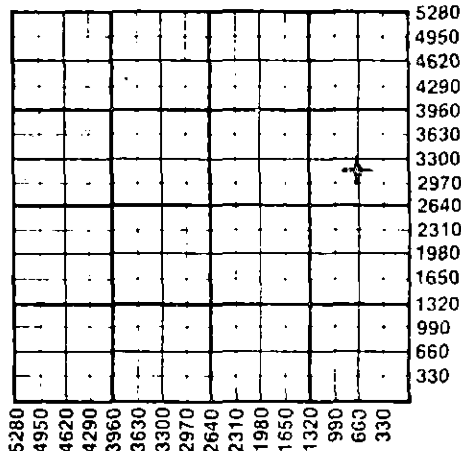
Lease Name Hargadine Well # 1

Field Name Ralbeck

Producing Formation Dry

Elevation: Ground 2353 KB 2359

Section Plat



WATER SUPPLY INFORMATION

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

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # None

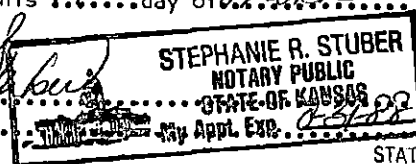
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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
Doug Clark
Title District Geologist Date 3-19-86

Subscribed and sworn to before me this 19th day of March 1986

Notary Public Stephanie R. Stuber
Date Commission Expires 4/30/88



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

STATE CORPORATION COMMISSION
MAR 21 1986 Form ACO-1 (7-84)
3-21-1986
CONSERVATION DIVISION
Wichita, Kansas

Operator Name TXO Production Corp Lease Name Hargadine Well# 1 SEC. 34 TWP. 28S RGE. 20 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

DST #1, 4402-20' (LKC "B"):
 IFP/30"=42-42 psig, weak blow
 ISIP/60"=1413 psig
 FFP/45"=52-63 psig, weak blow
 FSIP/90"=1424 psig
 Rec: 20' O&GCM (15% gas, 10% oil, 75% mud) +
 60' O&GCMW (15% gas, 8% oil, 15% wtr, 62' mud)

DST #2, 4663-88' (Dennis):
 IFP/30"=63-105 psig, fair blow
 ISIP/60"=1550 psig
 FFP/45"=147-210 psig, fair blow
 FSIP/90"=1550 psig
 Rec: 1' free oil + 429' MSW

Name	Formation Description	
	Top	Bottom
Stotler	3556	-1197
Tarkio	3606	-1247
Emporia	3630	-1271
Bern	3690	-1331
Howard	3757	-1398
Heebner	4196	-1837
Br. Lime	4361	-2002
LKC "A"	4374	-2015
Dennis	4670	-2311
Swope	4714	-2355
Hertha	4752	-2393
BKC	4782	-2423
Marmaton	4800	-2441
Marmix	4839	-2480
Cke Sh	4921	-2562
Mississippi	5008	-2649
RTD	5070	
LTD	5066	

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"	23#	637	Lite	200	3% CaCl
					Class. A	100	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	
N/A							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
N/A							
Date of First Production		Producing Method					
D&A 2-25-86		<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		
	N/A Bbls	N/A MCF	N/A Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

D & A 2-25-86