

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

Operator: License # 5703

Name: J. M. Huber Corporation

Address 7120 I-40 West, Suite 100

City/State/Zip Amarillo, Tx 79106

Purchaser: Texaco Trading & Transportation

Operator Contact Person: William D. Siddens

Phone (806) 353-9837

Contractor: Name: Cheyenne Drilling

License: 05382

Wellsite Geologist: None

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8-31-93 9-10-93 12-4-93
Spud Date Date Reached TD Completion Date

API NO. 15- 187-20699

County Stanton

App: NW - NE - NE Sec. 15 Twp. 29S Rge. 41 X W

405 Feet from S/W (circle one) Line of Section

1000 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Kendrick Well # 15-2

Field Name Arroyo (Morrow)

Producing Formation Morrow

Elevation: Ground 3387' KB 3398'

Total Depth 6000' PSTD 5967'

Amount of Surface Pipe Set and Cemented at 1650 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT I 2H 4-19-94
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 11,000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Robert Cornelius
Title Robert Cornelius District Engineer Date 12-20-93

Subscribed and sworn to before me this 20th day of December 19 93.

Notary Public Gail Metcalf
Date Commission Expires _____
BAIL METCALF
Notary Public, State of Texas
My Commission Expires 3-10-94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SVD/Rep NGPA
 KGS Plug Other (Specify) JS

Operator Name J. M. Huber Corporation Lease Name Kendrick Well # 15-2
 Sec. 15 Twp. 29S Rge. 41 County Stanton
 East
 West

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*See Attached		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:	DIL-SFL-GR LDL-CNL-GR SDT-GR			

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
Conductor	30"	20"		40'	Redi-mix	5 yd	
Surface	12-1/4"	8-5/8"	23#	1650'	Pacesetter	550	w/2% CaCl & 1/4# celloseal
			Tailed in with		Class C	150	w/2% CaCl

**Production - See Attached ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2	5455-5471' OA	Acidized w/2000 gals 7-1/2% FeHCl w/additives and 35 ballsealers
		Frac w/20,540 gals gelled diesel & 28,200# 16-30 sand

TUBING RECORD	Size 2-7/8"	Set At 5402'	Packer At 5402'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	12-04-93	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil 70 Bbls.	Gas 1505 Mcf	Water 12 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Production Interval: 5455-5471'

Attachment - ACO-1
Kendrick 15-2

*Log

Name	Top	Datum
Chase	2220'	
T/Penn/Wabaunsee	2910'	
Topeka	3210'	
Base/Heebner		3650'
Lansing	3745'	
Marmaton	4297'	
Cherokee	4495'	
Cherokee/Marker	4638'	
Morrow C	5050'	
Morrow F	5303'	
Miss/Chester	5476'	
St. Gen.	5513'	
St. Louis	553'	
Spergen	5783'	

**Production

5-1/2" 14# J-55 ST&C Cond A set at 5999'.

Cmt 1st stage w/500 sx 50/50 Poz H w/2% gel, 10% salt,
10# Gilsonite & 0.3% TF4.

Cmt 2nd stage w/650 sx 50/50 Poz H w/2% gel, 10% salt,
10# Gilsonite & 0.3% TF4.