

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, Texas 79106

Oil: Texaco Trading & Transportation
Purchaser: Gas; Associated Natl. Gas

Operator Contact Person: William D. Siddens

Phone (806) 353-9837

Contractor: Name: Murfin Drlg. Company

License: 30606

Wellsite Geologist: Tony Kolodziej

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S1GW
 Dry Other (Core, VSW, 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-7-92 7-18-92 9-14-92
Spud Date Date Reached TD Completion Date

API NO. 15- 187-20639

County Stanton

Approx. SE-SW - SE Sec. 22 Twp. 29S Rge. 41 X W

554 Feet from (SW) (circle one) Line of Section

1640 Feet from (EW) (circle one) Line of Section

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

Lease Name Kendrick Well # 22-1

Field Name Arroyo (Morrow)

Producing Formation Morrow

Elevation: Ground 3387' KB 3398'

Total Depth 5850' PBDT 5580'

Amount of Surface Pipe Set and Cemented at 1644 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 12-182 QW
(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 District Engineer Date 10-28-92

Subscribed and sworn to before me this 28th day of October, 19 92.

Notary Public Gail Metcalf

Date Commission Expires _____

GAIL METCALF
Notary Public, State of Texas
My Commission Expires 3-10-94

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
Distribution NOV 2 1992
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) _____

Operator Name J. M. Huber Corporation Lease Name Kendrick Well # 22-1

Sec. 22 Twp. 29S Rge. 41 East West County Stanton

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 ext. sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run: DIL-SFL-GR
 LDL-CNL-GR
 ML-GR
 SDT-GR
 FMS-GR

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
*See Attached		

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
Conductor	30"	20"		40'	Redi-mix	3-1/2 yds	
Surface	12-1/4"	8-5/8"	24#	1644'	Poz C	550	35/65 c %
Production **	See attached						2% CaCl, 0% D-20 gel & 1/4#

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				2% CaCl. Topped out w/4yds Redi-mix.
<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
4	5598-5613'	Acidized w/1500 gal 15% FeHCl cont. ning additives & 65 ball sealers in acid CIBP set at 5590'
2	5484-5532'	Acidized w/5000 gals 7-1/2% FeHCl cont. additives. Frac w/28,000 gals Purgell III & 38,000 # 20/40 sd

TUBING RECORD Size 2-7/8" Set At 5428' Packer At 5428' Liner Run Yes No

Date of First, Resumed Production, SVD or Inj. 9-14-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	379	135	0	356	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 5484-5532'

Attachment ACO-1
Kendrick 22-1
Sec. 22-29S-41W
Stanton County, Kansas

*Log

<u>Name</u>	<u>Top</u>	<u>Bottom</u>
Chase	2205'	
Council Grove	2510'	
Neva	2734'	
T/Penn	2900'	
Topeka	3206'	
B/Heebner		3650'
Lansing	3793'	
Marmaton	4307'	
Cherokee	4495'	
Cherokee Marker	4635'	
Morrow	4970'	
Morrow C	5040'	
Morrow F	5274'	
St. Genev.	5541'	
St. Louis	5616'	

**Production Casing

Size Hole Drilled

7-7/8"

5-1/2", 14# set at 5849'
DV tool at 3374'

Cmt. 1st stage w/450 sx 50/50 Poz H cmt, 2% gel,
10% salt, 10# gilsonite & 3% CFR3 sx.

Cmt. 2nd stage w/700 sx 50/50 Poz H w/2% gel,
10% salt, 10# gilsonite & 0.3% CFR-3 per sx.