

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

City/State/Zip Amarillo, Texas 79106
Purchaser: Texaco Trading & Transportation
Operator Contact Person: William D. Siddens
Phone (806) 353-9837
Contractor: Name: H-40 Drilling, Inc.
License: 30692
Wellsite Geologist: None

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSV, 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. _____

3-25-93 4-4-93 6-10-93
Spud Date Date Reached TD Completion Date

RECEIVED

API NO. 15- 187-20666County StantonApp. SW SE Sec. 23 Twp. 29S Rge. 41 X W1900 Feet from S/N (circle one) Line of Section2100 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Irwin Trust Well # 23-1Field Name Arroyo (Morrow)Producing Formation MorrowElevation: Ground 3376' KB 3389'Total Depth 5959' PSTD 5895'Amount of Surface Pipe Set and Cemented at 1606 FeetMultiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan 7-7-93
(Data must be collected from the Reserve Pit)Chloride content 1000 ppm Fluid volume 11,000 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name JUL 26 1995

Lease Name _____ License No. _____

_____ Quarter Sec. Top 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, 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 6-24-93

Subscribed and sworn to before me this 25th day of June
19 93.

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
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☒ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) JS

Operator Name J. M. Huber Corporation Lease Name Irwin Trust Well # 23-1
 Sec. 23 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 extra 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:

☒ Log Formation (Top), Depth and Datums ☐ 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"	23#	1606'	Howco-Lite Premium Plus	550	w/2% CaCl ₂ & 1/4# Flocele/sx
			Tailed in	w/Premium Plus		150	w/2% CaCl ₂ /sx

**Production - See attached

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	5438-5460'		Acidized w/2500 gals 7-1/2%	
			FeHCl w/additives & 50 RCN	
			ballsealers	

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
		2-7/8"	5518'	-		
Date of First, Resumed Production, SWD or Inj.			Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
6-10-93						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.
		88		40		9
		Gas-Oil Ratio		Gravity		

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

5438-5460'

ACO-1 - Attachment
Irwin Trust 23-1
Sec. 23-29S-41W
Stanton County, Kansas

COPY

*Log

Name	Top	Datum
Chase	2204'	
Neva	2680'	
T/Penn Wabaunsee	2900'	
Topeka	3200'	
Base Heebner		3638'
Lansing	3737'	
Marmaton	4310'	
Cherokee	4512'	
Cherokee Marker	4660'	
Morrow	4990'	
Morrow C	5066'	
Morrow F	5334'	
Miss. St. Gen.	5480'	
St Louis	5554'	
Spergen	5743'	

API# 15-187-20666

**Production

5-1/2" 14# M-50 ST&C set at 5956'. Cmt 1st stage w/500 sx 50/50 Poz "H"
w/2% gel, 10% salt, 10# Gilsonite, & 0.3% CFR3/sx cmt.

2nd stage w/500 sx 50/50 Poz H w/2% gel, 10% salt, 10# Gilsonite, & 0.3%
CFR3/sx.

DV tool at 3386'

RECEIVED
STATE CORPORATION COMMISSION

JUL - 2 1993

CORPORATION DIVISION
WARRANTS

RELEASED

JUL 26 1995

FROM CONFIDENTIAL