

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 140 West

Suite 100

City/State/Zip Amarillo, Texas 79106

Purchaser: Texaco Trading & Transportation

Operator Contact Person: William D. Siddens

Phone (806) _____

Contractor: Name: Murfin Drilling Company

License: 30606

Wells Geologist: None

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SLOW ☐ 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 ☐ PBTD

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

☐ Other (SWD or Inj?) ☐ Docket No. _____

3 -94 4-15-94 5-6-94

Spud Date 1994 Date Reached TD 4-15-94 Completion Date 5-6-94

API NO. 15- 187-20732

County Stanton

App. NW NE NW Sec. 12 Twp. 29S Rge. 41 X E W

525 Feet from S/N (circle one) Line of Section

1950 Feet from E/N (circle one) Line of Section

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

Lease Name Arnold Well # 12-2

Arroyo (Morrow)

Producing Formation Morrow

Elevation: Ground 3340' KB 3351'

Total Depth 5690' PBTD 5638'

Amount of Surface Pipe Set and Cemented at 1675' Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set DV tool @ 672' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 824 11-8-94
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 11,000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name NOV 15 1996 License No. NOV 15 1996

Quarter Sec. Twp. S Rge. 41 E W

FROM CONFIDENTIAL Docket No. CONFIDENTIAL

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 Robert Cornelius

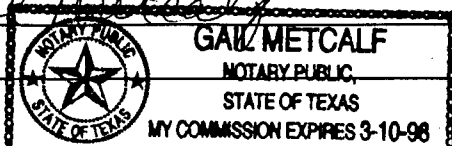
Title District Engineer Date 6-27-94

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

19 94

Notary Public Gail Metcalf

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	☒	Letter of Confidentiality Attached
C	☒	STATE Log Received
C	☐	Drillers Timelog Received
JUN 29 1994		
KCC	☐	SWD/Rep
☒	KGS	Plug
Wichita Kansas		NGPA
		(Specify)

Operator Name **J.M. Huber Corporation**Lease Name **Arnold**Well # **12-2**☐ EastCounty **Stanton**Sec. **12** Twp. **29S** Rge. **41**☒ 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.) ☐ Yes ☒ No☒ Log

Formation (Top), Depth and Datums

☐ SampleSamples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ No

Name

Top

Datum

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

See Attachment

List All E.Logs Run:

DIL-SFL-GR
LDT-CNL-GR
SDT-GR

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	4-1/2 yds	
Surface	12-1/4"	8-5/8"	23#	1675'	Howco Lite	350	w/2% CaCl & 1/4# flocele/sx
			Tailed in with Cmtd 2nd stage w/200 sx Howco w/2% CaCl & 1/4# flocele/sx		Premium	150	w/2% CaCl & 1/4# flocele/sx
			Tailed in with 75 sx Class C & topped out w/125 Class C cmt				

*Production - 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5442'-5469'	Acidize w/3000 gal 7-1/2% FeHCl	
		Frac w/49,200 lbs 20-40 sd,	
		16,600 gals & 95 tons CO2 foam.	

TUBING RECORD		Size 2-7/8"	Set At 5434'	Packer At	Liner Run ☐ Yes ☒ No			
Date of First Resumed Production, SWD or Inj. Production 5-6-94				Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil 380	Bbls.	Gas 559	Mcf	Water	Bbls.	Gas-Oil Ratio 1471:1	Gravity 42°

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled

5442-5469'

☐ Other (Specify) _____

*Production

5-1/2" 14# M-50 ST&C set at 5689'. Cmt'd 1st stage w/400 sx
50/50 Poz H w/2% gel, 10% salt, 10# gilsonite, & 0.3% CFR-3sx.

Cmt'd 2nd stage w/500 sx 50/50 Poz H w/2% gel, 10% salt, 10# gilsonite,
& 0.3% CFR-3/sx.

Log		
Name	Top	Datum
Chase	2300'	
Neva	2803'	
Wabaunse	2957'	
Topeka	3259'	
B/Heebner		3710'
Lansing	3809'	
Marmaton	4368'	
Cherokee	4540'	
Cherokee/Marker	4690'	
Morrow	5025'	
Morrow C	5155'	
Morrow F	5365'	
Miss Chester	5505'	
St. Gene	5575'	
St. Louis	5626'	