

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

Operator: License # 5703Name: J. M. Huber CorporationAddress 7120 I-40 West, Ste. 100City/State/Zip Amarillo, Texas 79106Purchaser: Associated Natural GasOperator Contact Person: William D. SiddensPhone (806) 353-9837Contractor: Name: Murfin Drlg. Co.License: 30606Wellsite Geologist: Tony Kolodziej

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SVD ☐ SIOV ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, MSV, 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/SVD☐ Plug Back ☐ PBD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SVD or Inj?) Docket No. _____9-9-92 9-27-92 10-01-92Spud Date 9-9-92 Date Reached TD 9-27-92 Completion Date 10-01-92API NO. 15- 187-20650County StantonApprox. NE SE SW Sec. 22 Twp. 29S Rge. 41 X W600 Feet from S (circle one) Line of Section2180 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Santa Fe Well # 22-2Field Name ArroyoProducing Formation MorrowElevation: Ground 3389' KB 3400'Total Depth 5865' PBD 5817'Amount of Surface Pipe Set and Cemented at 1647 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt.

Drilling Fluid Management Plan 12-23-92 OP
(Data must be collected from the Reserve Pit)Chloride content 1200 ppm Fluid volume 11,000 bblsDewatering 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

Robert Cornelius

Title District Engineer Date 11-12-92Subscribed and sworn to before me this 12th day of November19 92Notary Public Gail MetcalfDate Commission Expires 3-10-94

K.C.C. OFFICE USE ONLY

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

Distribution

☐ SVD/Rep ☐ NEPA
☐ Plug ☐ Other (Specify) FS

KCC

GAIL METCALF

Notary Public, State of Texas

My Commission Expires 3-10-94

Operator Name J. M. Huber Corporation Lease Name Santa Fe Well # 22-2
County Stanton
Sec. 22 Twp. 29S Rge. 41
☐ 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, rel. 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: DIL-SFL-GR
LDL-CNL-GR
SDT-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#	1647'	Poz C	550	65/35 Po- C cont. 6 el.
*production -	See attached					2% CaCl & 1/4# sx Flocele	

ADDITIONAL CEMENTING/SQUEEZE RECORD Tailed in w/150 sxs Class C cont. 2% CaCl

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 Records	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	5397-5472' OA		

TUBING RECORD	Size 2-7/8"	Set At 5357'	Packer At 5357'	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 10-23-92		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 36	Gas Mcf 3446	Water Bbls.	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: 5397-5472' OA

Attachment - ACO-1
Santa Fe 22-2
Sec. 22-29S-41W
Stanton County, Kansas

*Production

7-7/8" 5-1/2" 14# J55 ST&C set at 5864'. DV tool at 3388'.
Cmt. 1st stage w/450 sx 50/50 Poz H cont. 2% D20, 10%
salt, 0.3 D65, 10#/sx D42 & 0.2% D46.

Cmt. 2nd stage w/700 sx 50/50 Poz H cont. 2% D20,
10# salt, 0.3% D65, 10#/sx D42 & 0.2% D46.

**Log

Name	Top	Bottom
Chase	2200'	
Council Grove	2503'	
Neva	2724'	
Wabaunsee	2895'	
Topeka	3197'	
B/Heebner		3640'
Lansing	3784'	
Marmaton	4292'	
Cherokee	4484'	
Cherokee/Marker	4625'	
Morrow	4967'	
Morrow C	5052'	
Morrow F	5270'	
St. Genev.	5491'	
St. Louis	5561'	
Spergen	5761'	