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7-299-40W

CONFIDENTIAL

SIDE ONE

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 Corproation
Address 7120 I-40 West
Suite 100
City/State/Zip Amarillo, Texas 79106

Purchaser: Associated Natl Gas

Operator Contact Person: William D. Siddens

Phone (806) 353-9837

Contractor: Name: Murfin Drilling Company

License: 30606

Wellsite Geologist: None

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ 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 ☐ PBTB

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

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

11-26-93 12-05-93 3-4-94

Spud Date 11-26-93 Date Reached TD 12-05-93 Completion Date 3-4-94

API NO. 15- 187-20709
County Stanton
App. SW SW NW Sec. 7 Twp. 29S Rge. 40 X E W

2300 Feet from S (circle one) Line of Section

500 Feet from E (circle one) Line of Section

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

Lease Name Earl Arnold Well # 7-1
Wildcat

Producing Formation Morrow

Elevation: Ground 3326' KB 3337'

Total Depth 6020' PBTB 5949'

Amount of Surface Pipe Set and Cemented at 1671' 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 1 6-24-94
(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: KCC

Operator Name RELEASED

Lease Name APR 22 1996 License No. MAR 14

Quarter 1 Sec. 7 Twp. 29S CONFIDENTIAL

County FROM CONFIDENTIAL 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

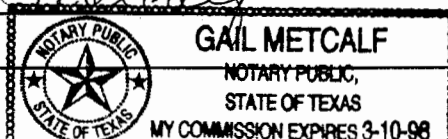
Title District Engineer Date 3-14-94

Subscribed and sworn to before me this 14th day of March

19 94

Notary Public Gail Metcalf

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	☒	Letter of Confidentiality Attached
C	☒	Wireline Log Received
C	☐	Drillers Timelog Received
Distribution		
☒	KCC	☐ SWD/Rep
☐	KGS	☐ Plug
☐		☐ NGR
☐		☐ Other
(Specify)		

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MAR 18 1994
CONSERVATION DIVISI
Wichita, Kansas

SIDE TWO

Operator Name J.M. Huber Corporation Lease Name Earl Arnold Well # 7-1
 Sec. 7 Twp. 29S Rge. 40 ☐ 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.) ☒ Log Formation (Top), Depth and Datums ☐ Sample
 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
 LDL/CNL
 SDT/SONIC

Name Top Datum
 See Attachment

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	3.5 yd	
Surface	12-1/4"	8-5/8"	23#	1671'	Lite C	400	2% CaCl w/1/4#
*Production	See Attached		Tailed in with		Premium	150	Hyflo-IV/sx containing 2% CaCl

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
4	5483-5489'	Treated 5468-5489' w/2500	
2	5468-5483'	gals diesel containing 3 gals	
2	5445-5458'	Hyflo-IV	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	5383'	5383'	☐ Yes ☒ No
Date of First Resumed Production, SWD or Inj. Production	Producing Method			
3-4-94	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	185	603	3	

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

5468-5489'
 5445-5458'

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API#15-187-20709

Attachment - ACO-1
Earl Arnold 7-1

Name	Log	Datum
Chase	2308'	
Neva	2794'	
T/Penn Wabaunsee	2965'	
Topeka	3267'	
B/Heebner		3717'
Lansing	3808'	
Marmaton	4370'	
Cherokee	4545'	
Cherokee Marker	4686'	
Morrow	5016'	
Morrow C	5089'	
Morrow F	5340'	
Miss Chester	5511'	
St. Gen.	5585'	
St. Louis	5638'	
Spergen	5808'	

RELEASED

APR 22 1996

FROM CONFIDENTIAL

*

Production csg - 5-1/2" 14# ST&C Cond A set at 6019'. Cmt'd 1st stage w/560 Sxs 50/50 Poz "H" w/2% gel, 10% salt, 10# Gilsonite, & 0.3% CFR3/sx. Cmt'd 2nd stage w/560 sx 50/50 Poz "H" w/2% gel, 10% salt, 10# Gilsonite, & 0.3% CFR3/sx.

KCC

MAR 14

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