

# COPY

SIDE ONE

4-305-41W  
CONFIDENTIALSTATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASEOperator: License # 5703  
Name: J.M. Huber Corproation  
Address 7120 I-40 West  
Suite 100  
City/State/Zip Amarillo, Texas 79106Purchaser: None (D&A)  
Operator Contact Person: William D. Siddens  
Phone ( 806 )Contractor: Name: Murfin Drilling Company  
License: 30606  
Wellsite Geologist: NoneDesignate Type of Completion  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.  
☐ Gas ☐ ENHR ☐ SIGW  
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc.)  
If Well/Re-Entry: old well info as follows:  
Operator:

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBSD☐ Commingled ☐ Docket No. \_\_\_\_\_☐ Dual Completion ☐ Docket No. \_\_\_\_\_☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_2-23-94 3-04-94 4-21-94

Spud Date Date Reached TD Completion Date

API NO. 15- 187-20718County StantonApp. SW SE NW Sec. 4 Twp. 30S Rge. 41 X E W2200 Feet from S/N (circle one) Line of Section1650 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Blake Well # 4-1  
Arroyo (Morrow)Producing Formation None (D&A)Elevation: Ground 3391' KB 3402'Total Depth 5950' PBSD 5330'Amount of Surface Pipe Set and Cemented at 1559' FeetMultiple 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 D&A 9-21-94  
(Data must be collected from the Reserve Pit)Chloride content 1000 ppm Fluid volume 11,000 bblsDewatering method used Evaporation **RELEASED**

Location of fluid disposal if hauled offsite:

Operator Name MAY 6 1996

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rge. \_\_\_\_\_ 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.

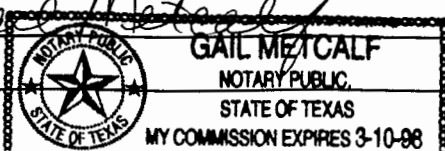
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Robert CorneliusTitle District Engineer Date 4-29-94Subscribed and sworn to before me this 29th day of April

19 \_\_\_\_\_

Notary Public Gail Metcalf

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY	
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C <input checked="" type="checkbox"/>	Wireline Log Received
C <input type="checkbox"/>	Drillers Timelog Received
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug
Other _____	
(Specify)	
RECEIVED IS STATE CORPORATION COMMISSION MAY 12 1994 CONSERVATION DIVISION Wichita, Kansas	

SIDE TWO

Operator Name J.M. Huber CorporationLease Name BlakeWell # 4-1Sec. 4 Twp. 30S Rge. 41☐ EastCounty Stanton☒ 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 ☐ Yes ☒ No  
(Attach Additional Sheets.)☒ Log

Formation (Top), Depth and Datums

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

Name

Top

Datum

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

See Attached

List All E.Logs Run: DIL-SFL-GR  
LDL-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	3-1/2 yds	
Surface	12-3/4"	8-5/8"	23#	1559'	Pacesetter LitePlus Premium Plus	550	w/2% CaCl & 1/4" Celloseal/sx
				Tailed in with		150	w/2% CaCl

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				
<input checked="" type="checkbox"/> Plug Off Zone	5416-29'	Class H	50	0.6% Halad 322 FLA

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
	5416-5429'	Acidize w/1500 gals 7-1/2% FeHCl w/additives	
	Cmt. retainer set at 5411'	w/50 sxs	
	5363-5376'	Acidize w/1500 gals 7-1/2% FeHCl w/additives	
	CIBP set @ 5350'	Frac w/6500 gal 60% CO2 foam & 17,600# Topped w/20' cmt	sd

UBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Resumed Production, SWD or Inj. Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Position of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled D&A

☒ Other (Specify) D&A

CONFIDENTIAL

ACO-1 ATTACHMENT  
Blake 4-1

API #15-187-20718

COPY

Log

Name	Top	Datum
Chase	2180'	
Council Grove	2494'	
Neva	2704'	
Wabaunse	2895'	
Topeka	3178'	
B/Heebner		3620'
Lansing	3730'	
Marmaton	4280'	
Cherokee	4476'	
Cherokee Marker	4610'	
Morrow	4965'	
Morrow C	5025'	
Morrow F	5293'	
Keyes	5415'	
Miss/Chester	5460'	
St. Louis	5548'	
Spergen	5728'	

Production

5-1/2" 14# M-50 ST&C set at 5950'.

Cmt'd 1st stage w/500 sxs 50/50 Poz "H"  
w/2% gel, 10% salt, 10# Gilsonite & 0.3%  
TF-4/sx.

Cmt'd 2nd stage w/500 sxs 50/50 Poz "H"  
w/2% gel, 10% salt, 10# Gilsonite, &  
0.3% TF-4/sx.

DV tool at 3418'

RELEASED

MAY 6 1996

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 12 1994  
CONSERVATION DIVISION  
Wichita, Kansas