

FORM MUST BE TYPED

COPY

SIDE ONE

30-24-22w
CONFIDENTIAL

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

Apprx.

Operator: License # 07567

Name: Jack Bowles

Address P. O. Box 3285

City/State/Zip Edmond, OK 73083-3285

Purchaser: Koch Industries

Operator Contact Person: Jack Bowles

Phone (405) 348-4074

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606 **KCC**

Wellsite Geologist: _____ **DEC 17**

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD SIOW Temp. Abd.
- Gas ENHR SIGW
- Dry Other (Core, WSM, 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. _____

07-27-93 08-06-93 12-13-93*
Spud Date Date Reached TD Completion Date

* See KCC Extension Letter attached

API NO. 15- 083-21396

County Hodgeman

SE NW NE NW Sec. 30 Twp. 24S Rge. 22 ^E_W

500 Feet from S (circle one) Line of Section

1800 Feet from E (circle one) Line of Section

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

Lease Name Schaffer Well # 1

Field Name wildcat

Producing Formation Mississippian

Elevation: Ground 2382' KB 2387'

Total Depth 5421' PBTD 5350'

Amount of Surface Pipe Set and Cemented at 378 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1677 Feet

If Alternate II completion, cement circulated from 716

feet depth to 300 ft w/ 630 sx cat.

Drilling Fluid Management Plan ALT 2 2/8 3-1-94
(Data must be collected from the Reserve Pit)

Chloride content 4200 ppm Fluid volume 900 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite _____

Operator: _____

Lease Name _____ License # 4993

Quarter Sec. Twp. 24S Rng.

Docket No. _____

Conservation Division
WICHITA, KS

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 Jack Bowles

Title Operator Date 12-17-93

Subscribed and sworn to before me this 17th day of December, 1993.

Notary Public James A. Howard

Date Commission Expires May 3, 1996

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

45-45-JF

180359

SIDE TWO

Operator Name Jack Bowles Lease Name Schaffer Well # 1
 Sec. 30 Twp. 24S Rge. 22 East West
 County Hodgeman

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:

Name	Top	Datum
Heebner	4013	
Lansing	4112	
Mississippian	4722	
Arbuckle	5330	

Dual Ind., GR-Den-Neut, Sonic,
MICROLOG

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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
surface	12 1/4"	8-5/8"	24# LS	378'	60/40	205	2% Gel 3% CC
production	7-7/8"	5 1/2"	15.5# J-55	5347'	65/35 ASC	160 200	10% salt 18% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Alternate II	Top Bottom			
Perforate				
Protect Casing	806-1716	60-40 Poz.	400	6% gel 1/4 lb Floseal per sack
Plug Back TD				
Plug Off Zone	300-720	60-40 Poz. common	130	6% gel 1/4 lb Floseal per sack
			100	1/4 Floseal per sack 3% CC

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
(7 total shots)	4738 - 39	750 gal. 15% NE	4724-30
4	4724 - 30		

TUBING RECORD Size 2 7/8" Set At 4740 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 9-07-93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	20		Trace		4		100 to 1±	38

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 4724-39

COPY

30-24-22w

CONFIDENTIAL

DRILL STEM TEST INFORMATION

KCC

SCHAFFER NO. 1

DEC 17

API #15-083-21396

CONFIDENTIAL

- DST #1 (failed)
- DST #2 4691-4727', 30-45-60-90, GTS 40" (2.9 MCF), 1014' oil, 120' G&OCM, FP 160/299, SIP 1389/1403 BHT 126°
- DST #3 4729-4738', 30-45-120-90, 120' GIP, 10' G&OCM, FP 85/53, SIP 53/53 BHT 126°
- DST #4 4732-4740', 80-45-60-90, GTS 45"(TSTM), 60' G&MCO, 180' oil, FP 74/128, SIP 1276/1297 BHT 128°

RELEASED

FEB 14 1995

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 20 1993

CONSERVATION DIVISION
WICHITA, KS