

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, 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 PSTD
 Cased 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- 083-21396-0000

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' PSTD 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 disposal if hauled offsite: _____

Operator Name Jack Bowles

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ Rng. _____

County _____ Docket No. _____

FROM CONFIDENTIAL

RELEASED
FEB 4 1995

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 20 1993

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

19 1993
Notary Public James Howard

Date Commission Expires May 3, 1996

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KCS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

PI

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4013	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4112	
List All E.Logs Run:		Mississippian	4722	
		Arbuckle	5330	

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

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
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 Perforate	2141 - 1853			
Protect Casing Plug Back TD	306-4716	60-40 Poz. MOR	400	6% gel 1/4 lb Floseal per sack
Plug Off Zone	300-726	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	4724-39
4	4724 - 30 > 4724 - 39		

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

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

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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 4724-39

ORIGINAL

CONFIDENTIAL

DRILL STEM TEST INFORMATION

SCHAFFER NO. 1

API #15-083-21396-0000

KCC

DEC 17

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

483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Kcd 8-16-93
 FWE

15-083-21396-0000
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC

Home Office P. O. Box 31
 Russell, Kansas 67665

1192
 CONFIDENTIAL

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
8/7/93	30	24S	22W	10 AM	1:30	6:05	7:10 PM
Lease Schaffer	Well No. 1	Set more Location	956E 15 1/2 E	County	Hodgeman	State	Ks

Contractor	Murfin 20
Type Job	Long String
Hole Size	7 7/8
Csg. 5 1/2" 15.5 #	T.D. 5421
Tbg. Size	Depth 5348
Drill Pipe	Depth
Tool Baker Port Collar	Depth 1510'
Cement Left in Csg.	Shoe Joint 30'
Press Max. 1500 #	Minimum
Meas Line	Displace 126.4661
Perf. Float @ 5313'	

Owner	Same
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	Jack Bowles
Street	PO Box 3285
City	Edmond
State	OK 73083-3285
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	KCC
X	J.W. Collins
Amount Ordered	160 6 1/2 10% Gel 1/2" Floated CEMENT
DEC 17	CONFIDENTIAL

EQUIPMENT

No.	Cement	Helper
Pumptrk 224	Gary	Keith
No.	Cement	Helper
Pumptrk		
	Driver	Bill
Bulktrk 199		
Bulktrk 106	Driver	Rick

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
RELEASED	
Handling	FEB 14 1995
Mileage	FROM CONFIDENTIAL
Sub Total	
Total	

DEPTH of Job

Reference:	Pump Trucks	
	Mileage	
	5 1/2" TRP	
	Sub Total	
	Tax	
	Total	

Remarks: Mix sent for cathole. Mix + pump in + down csg. Displace Floater held.

Thank you
 S. L. James

Floating Equipment
 Baker Shoes
 Baker Port Collar
 Baker Insert
 4 Baskets
 12 Centralizers

RECEIVED
 KANSAS CORPORATION COMMISSION
 DEC 20 1993
 CONSERVATION DIVISION
 WICHITA, KS

03-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL CONFIDENTIAL

Phone Plainville 913-434-28

Phone Ness City 913-798-38

ALLIED CEMENTING CO., INC.

1158

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	12/15/93	Sec.	30	Twp.	24S	Range	22W	Called Out		On Location	08:30	Job Start	09:30	Finish	7:00
Lease	Schiffel	Well No.	1	H. Location			75 2W 45 2W 15 4E	County	Harvey	State	Ks.				

Contractor	Humbert		
Type Job	Pack Collar		
Hole Size	7 7/8	T.D.	5423
Csg.	5 1/2	Depth	5347
Tbg. Size		Depth	
Drill-Pipe	Pack Collar	Depth	1680
Tool	R P	Depth	2870
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	

Owner	S. G. G.
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed	
Charge To	Jack Bowler
Street	
City	K.C.G.
State	DEC 17
CONFIDENTIAL	
The above was done to satisfaction and supervision of owner agent or contractor.	

Perf.	
Pumptrk	158
No.	
Cementor	Gary
Helper	M. G.
Pumptrk	
No.	
Cementor	
Helper	
Driver	Rick
Bulktrk	201
Bulktrk	
Driver	

Purchase Order No.	
X	
CEMENT	
Amount Common	
Poz. Mix	
Gel	
Chloride	
Quickset	

DEPTH of Job	
Reference:	Pump Truck
	M. G.
	Stripper head
	Sub Total
	Tax
	Total

Handling	FEB 14 1995
Mileage	
FROM CONFIDENTIAL	
	Sub Total
	Total

Remarks: Low hole Test - RP @ 1000' - Spun 2 cement. P. 11 lbs.
 Call for PC call loggers PC @ 1690' - Open PC
 1 pump 400 sk cont. PARTIAL Job
 No sign. in. Reverse

RECEIVED
 KANSAS CORPORATION COMMISSION
 DEC 20 1993
 CONSERVATION DIVISION
 WICHITA, KS

SENT BY: HOLIDAY INN ENID OK : 12-17-93 4:58PM : 4050237060000177>

405 348 4074; # 2

ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31 Russell, Kansas 67665

CONFIDENTIAL

7-27-93	30	24	Range	Called Out	On Location	Job Start	Finish	
Schaffner	Wall No. 1	Location	Houston 752048 2015 014				County	State
Owner	Jack Bowles							
Job	In Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish crewmember and helper to assist owner or contractor to do work as listed.							
Size	12 1/2	T.D.	379 1/2					
Depth	8 1/2	Depth	370 1/2					
Charge To	Mud-Lite Drilling Company							
Street	250 N. Water, Suite 300							
City	Wichita State KS 67202							
Pipe	The above was done to satisfaction and supervision of owner agent or contractor.							
Max. Displace	15.00	Shoe Joint						
Purchase Order No.	KCC							
Line	363 1/2	Displace	23.3 bbl.					
		Amount Ordered	205.00					

EQUIPMENT

No.	Operator	Mill
224	Helper	12.5
No.	Operator	Mill
199	Helper	13.1
	Driver	
	Driver	

Consisting of		
Common	12.5	207.35
Poz. Mix	8.2	246.00
Enl.	U	7.00
Chloride	6	150.00
Quickset		

FEB 14 1995

Handling	205	1.00	205.00
Mileage	39		319.80
Total \$ 2246.22			
Total \$ 449.25			
Total \$ 1796.97			

DEPTH of Job	378 1/2	
Reference:	Pump Truck Charge	430.00
	" " " "	87.75
	23' casing 21.9	30.43
	78' at 39	
	Total	590.17

Remarks: Cement did circulate 100%
 701st Drilling Co. Inc.
 Thank you
 1/11/94

RECEIVED
 KANSAS CORPORATION COMMISSION
 DEC 20 1993
 CONSERVATION DIVISION
 WICHITA, KS