

ORIGINAL

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

Operator: License # 07567  
Name: Jack Bowles  
Address: P.O. Box 3285  
City/State/Zip: Edmond, Oklahoma 73083  
Purchaser: Koch Oil Company  
Operator Contact Person: Jack Bowles  
Phone (405): 348-4074  
Contractor: Name: Mallard, JV, Inc.  
License: 4958  
Wellsite Geologist: Robert Lewellyn

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S1OW  Temp. Abd.  
 Gas  EMHR  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. \_\_\_\_\_  
7-28-94 8-8-94 11-01-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 083-21412-00-00  
County Hodgeman County  
W/2 NW - NE Sec. 30 Twp. 24S Rge. 22 W  
750 Feet from (N) Line of Section  
2310 Feet from (E) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(NE) SE, NW or SW (circle one)  
Lease Name Zuege-Nietling Well # No. 1  
Field Name Wildcat  
Producing Formation Mississippi  
Elevation: Ground 2376' XB 2381'  
Total Depth 5,000' PBTB 4943'  
Amount of Surface Pipe Set and Cemented at 380' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1635 Feet  
If Alternate II completion, cement circulated from 1635  
feet depth to Surface w/ 400 sx cmt.

Drilling Fluid Management Plan ALT II 10-31-95 SK  
(Data must be collected from the Reserve Pit)  
Chloride content 4150 ppm Fluid volume 875 bbls  
Dewatering method used Evaporation  
Location of Disposal if hauled offsite: RELEASED  
Operator Name 7 1996  
Lease Name NOV 1995  
**FROM CONFIDENTIAL**  
Quarter Sec. Twp. CONF Rge. CONF E/W  
County \_\_\_\_\_ Docket No. TIAL

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 20 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 11-15-94  
Subscribed and sworn to before me this 15th day of November  
19 94  
Notary Public Gonther Howard  
Date Commission Expires May 3, 1996

STAT. COL. 11-21-94  
K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KGC  SWD/Rep  KGPA  
 KGS  Plug  Other  
(Specify)

Operator Name JACK BOWLES Lease Name Zuege-Neitling Well # No. 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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey (not requested)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3996	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4096	
List All E. Logs Run: Dual Ind., Spectral Density		Mississippian	4712	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediates, 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"	25#	380	60/40	210	2% Gel 3% CC
Production	7-7/8"	5 1/2"	15.5#	4996	50-50 Poz.	200	10% salt 5# Gilsonite
					Standard	150	10% salt 5% Cal-Seal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
*Alternate II Perforate Protect Casing Plug Back TD Plug Off Zone	surf 1635	Halliburton Lite	400	1/2 # Flocel per sx, 100 sacks circulated (DV tool)

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	4718 - 4720		2000 gallons 15%	
	4726 - 4732				

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4763'	-	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, (SWD or In.)	Producing Method
9/06/94	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas MCF	Water Bbls.	Gas-Oil Ratio	Gravity
20 BOPD	Trace		2 BWPD	100 to 1±	37 -

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: 4718-32

ORIGINAL

CONFIDENTIAL

RELEASED

JAN 17 1996

DRILL STEM TEST INFORMATION

FROM CONFIDENTIAL

ZUEGE-NIETLING No. 1

API # 15-083-21412-00-00

DST #1	4654-4719', 30-45-60-90, 3300' GIP, 470' VGCMO FP 67/162, SIP 1190/1178 BHT 124°
DST #2	4723-4729', 30-45-90-90, 1500' GIP, 350' GC&MO FP 26/124; SIP 1341/1323, BHT 124°
DST #3	4731-4739', 30-45-90-90, 1200' GIP, 320' CGMO, FP 37/100, SIP 1378/1345, BHT 125°
DST #4	4739-4747', 30-30-30-30, 5' OSP; FP 25/27, SIP 694/990

KCC

NOV 15

CONFIDENTIAL

RECEIVED  
STATE OF MISSISSIPPI

NOV 15 1995

CONFIDENTIAL

15.083-21412-0000

483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

Zuege - Niebling

# ALLIED CEMENTING CO., INC.

6783

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

Job No. <b>28-94</b>	Sec. <b>30</b>	Twp. <b>24</b>	Range <b>22</b>	Called Out <b>10:30 AM</b>	On Location <b>3:00 AM</b>	Job Start <b>6:00 AM</b>	Finish <b>7:00 AM</b>
Well No. # <b>1</b>		Location <b>Spearville SW 1/4 Sec 24 Twp 24 R 22</b>			County <b>Hodgeman</b>		State <b>Ks</b>
Contractor <b>Mallard Drilling</b>				Owner <b>Jack Bowles</b>			
Job <b>Surface Pipe</b>				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.			
Pipe Size <b>12 1/2"</b>	T.D. <b>384 ft</b>						
24" New Pipe	Depth <b>390 ft</b>						
8" Size	Depth						
11" Pipe	Depth						
1" Pipe	Depth						
Weight Left in Csg. <b>15 ft</b>	Shoe Joint						
Threads Max.	Minimum						
Threads Line <b>36.5 ft</b>	Displace <b>23.2 bbl</b>						
<b>RELEASED</b>							

EQUIPMENT JAN 17 1996

No.	Cementer	FROM CONFIDENTIAL
120	Helper	
No.	Cementer	Dunn
	Helper	
	Driver	J.D.
	Driver	

PTH of Job	<b>390 ft</b>
Expense:	
	Pump Truck Charge <b>430.00</b>
<b>40</b>	Mileage charge <b>90.00</b>
<b>1</b>	8 1/2" wooden Plug <b>42.00</b>
	80' at .39 <b>31.20</b>
	<b>Total 562.00</b>

Remarks: Mix Cement + Displace it Down ~~Cement~~ ~~at~~ ~~Cement~~

Amount Ordered	<b>210 60/40 32cc 22gal</b>
Consisting of	
Common	<b>126 5.75 724.50</b>
Poz. Mix	<b>84 3.00 252.00</b>
Gel.	<b>4 9.00 36.00</b>
Chloride	<b>6 25.00 150.00</b>
Quickset	
<b>KCC</b>	
<b>NOV 15</b>	
Handling	<b>210 1.00 210.00</b>
Mileage	<b>40 CONFIDENTIAL 9.00 360.00</b>
	Subtotal
	Total <b>1708.50</b>
Floating Equipment	
<b>Total \$ 2270.50</b>	
<b>Disc 454.10</b>	
<b>\$ 1816.40</b>	

Allied Cementing Co. Inc.  
Mike Smusch

WELL DATA

FIELD \_\_\_\_\_ SEC. 30 TWP. 24 RNG. 27 COUNTY \_\_\_\_\_ STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

JOB DATA

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Includes entries for Float Collar, Float Shoe, Guide Shoe, Centralizers, Bottom Plug, Top Plug, Head, Packer, Other.

JOB DATA table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes DATE and TIME for each category.

PERSONNEL AND SERVICE UNITS

PERSONNEL AND SERVICE UNITS table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes handwritten names and unit information.

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL. \_\_\_\_\_
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN
FRIC RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_
OTHER \_\_\_\_\_

DEPARTMENT \_\_\_\_\_
DESCRIPTION OF JOB \_\_\_\_\_
JOB DONE THRU: TUBING [ ] CASING [ ] ANNULUS [ ] TBG./ANN [ ]
CUSTOMER REPRESENTATIVE X \_\_\_\_\_
HALLIBURTON OPERATOR \_\_\_\_\_ COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

CEMENT DATA table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK, MIXED LBS./GAL.

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_
HYDRAULIC HORSEPOWER \_\_\_\_\_
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_
AVERAGE RATES IN BPM \_\_\_\_\_
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_
CEMENT LEFT IN PIPE \_\_\_\_\_
FEET \_\_\_\_\_ REASON \_\_\_\_\_

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_
CEMENT SLURRY: BBL.-GAL. 576 - 571 \_\_\_\_\_
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

REMARKS

REMARKS section with handwritten notes and signatures.

