

ORIGINAL

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

API NO. 15- 15-135-23,838-0000

County Ness
N/2 S/2 NW Sec. 14 Twp. 17S Rge. 26 X ^E _W

1650 Feet from X ^N (circle one) Line of Section
1470 Feet from X ^W (circle one) Line of Section

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

Lease Name Dumler "U" Well # 4

Field Name Kansada

Producing Formation Mississippian

Elevation: Ground 2557' KB 2562'

Total Depth 4503' PBDT _____

Amount of Surface Pipe Set and Cemented at 222' KB Feet

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 1908' Feet

If Alternate II completion, cement circulated from 1908'

feet depth to surface w/ 360 sx cnt.

Drilling Fluid Management Plan ALT II 12-27-95 X
(Data must be collected from the Reserve Pit)

Chloride content 21,000 ppm Fluid volume 300 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 5123

Name: Pickrell Drilling Company, Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

Purchaser: Koch

Operator Contact Person: Larry J. Richardson

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Billy G. Klaver

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

X Oil _____ SWD _____ SLOW _____ 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 _____ PBDT

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

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

10-24-94 11-04-94 11-17-94
Spud Date Date Reached TD Completion Date

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 [Signature]

Title C. W. Sebitts - President Date 12-21-94

Subscribed and sworn to before me this 21st day of December 19 94.

Notary Public [Signature]

6-06-98



RECEIVED
STATE CORPORATION COMMISSION

E.C.C. OFFICE USE ONLY
DEC 22 1994
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC _____ SUD/Rep _____ NGPA
 KGS _____ Plug _____ Other _____
(Specify)



SIDE TWO

Operator Name Pickrell Drilling Co. Inc.Lease Name Dumler "U"Well # 4Sec. 14 Twp. 17S Rge. 26 East
 WestCounty Ness

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.) Yes No Log Formation (Top), Depth and Datum Sample

Samples Sent to Geological Survey

 Yes No

Name Top Datum

Cores Taken

 Yes No

Anhydrite 1903(+ 659)

Heebner 3823(-1261)

Lansing 3865(-1303)

Stark 4122(-1560)

Base/Kansas City 4179(-1617)

Pawnee 4316(-1754)

Fort Scott 4379(-1817)

Cherokee 4404(-1842)

Mississippian 4485(-1923)

Electric Log Run
(Submit Copy.) Yes No

List All E.Logs Run:

Radiation Guard

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 Casing	12 1/4"	8 5/8"	20# New	222'KB	60-40 poz	150sx	2%Gel, 3% CC
Production Csg.	7 7/8"	4 1/2"	10.5# Used	4495'KB	60-40 poz	200sx	w/FR
Stage Collar				1908'KB	60-40 poz	360sx	6% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> 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
	Open Hole Completion 4495-4503		500 gal. DSFe Acid		4495-4503

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4493			
Date of First, Resumed Production, SMD or In]	Producing Method		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
11-16-94					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	54	(Negligible)	44		

Disposition of Gas:

METHOD OF COMPLETION

 Vented Sold Used on Lease
(If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Cemented
 Other (Specify) _____

Production Interval

4495-4503

15-135-23838-0000

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

ORIGINAL

#4 Dumlér "U"
150' E. of N2 S2 NW
Section 14-17S-25W
Ness County, Kansas

API#: 15-135-23,838
1650' From North Line of Section
1470' From West Line of Section
ELEV: 2562' KB, 2560' DF, 2557' GL

- 10-24-94: MIRT.
- 10-25-94: (On 10-24) Spud @ 2:00 PM. Ran 5 jts. of new 8 5/8" 20# Csg. set @ 222' KB, cmt w/150sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 7:30 PM on 10-24-94. (On 10-25) Drlg. @ 383'.
- 10-26-94: Drlg. @ 1930'.
- 10-27-94: Drlg. @ 2728'.
- 10-28-94: Drlg. @ 3197'.
- 10-31-94: (On 10-29) Drlg. @ 3730'. (On 10-30) Drlg. @ 3964'. (On 10-31) Circ. @ 4266'. Running DST #1 4228-4266'.
- 11-01-94: Drlg. @ 4335'. DST #1 4228-4266', 30"-60"-90"-90", Rec. 58' SOCM (8% O, 92% M), 60' G&OCM (40% G, 10% O, 50% M), 60' G&MCO (40% G, 50% O, 2% W, 8% M), IFP 44-55#, ISIP 222#, FFP 77-100#, FSIP 177#.
- 11-02-94: Drlg. @ 4431'. DST #2 4370-4412', 30"-30"-30"-30" Rec: 30' SOSM, IFP 44-44#, ISIP 895#, FFP 44-55#, FSIP 333#.
- 11-03-94: TD 4498'. TIH after DST #3. DST #3 4450-4498', 30"-60"-120"-120", Rec. 80' GIP, 5' Oil, 35' SOCWM (5% O, 35% W, 60% M), IFP 44-55#, ISIP 703#, FFP 55-55#, FSIP 455# (low FSIP due to test tool malfunction).
- 11-04-94: DST #4 4452-4503', 30"-60"-120"-120" Rec: 248' GIP + 314' Cl Gsy Oil + 180' G&OCM (15% G, 15% O, 70% M) + 58' G&O&SWCM (20% G + 15% O + 63% M + 2% W), ISIP 900#, IFP 44-100#, FFP 100-200#, FSIP 782#. Ran 108 jts. of used 4 1/2" 10.5# csg. set 8' off btm @ 4495'. Float @ 4468'. Cmt w/125sx 60-40 poz mix w/FR followed by 75sx common. Float held O.K. Complete @ 12:05 PM on 11-4-94. Cmt thru stage collar @ 1908 w/360sx of 60-40 poz, 6% gel. Cmt circ. PD @ 1:15 PM on 11-4-94. (15sx in RH).
- 11-07-94: WOCT.
- 11-08-94: WOCT.

SAMPLE TOPS

Anhydrite	1902 (+ 660)
Base/Anhydrite	1936 (+ 626)
Heebner	3823 (-1261)
Lansing	3867 (-1305)
Stark	4123 (-1561)
Base/Kansas City	4179 (-1617)
Marmaton	4218 (-1656)
Pawnee	4310 (-1748)
Fort Scott	4378 (-1816)
Cherokee	4404 (-1842)
Mississippian	4484 (-1922)
RTD	4503'

ELECTRIC LOG TOPS

Anhydrite	1903 (+ 659)
Heebner	3823 (-1261)
Lansing	3865 (-1303)
Stark	4122 (-1560)
Base/Kansas City	4179 (-1617)
Pawnee	4316 (-1754)
Fort Scott	4379 (-1817)
Cherokee	4404 (-1842)
Mississippian Limestone	4485 (-1923)
Mississippian dolomite	4494 (-1932)

LTD

DEC 22 1994
4503'

CONSERVATION DIVISION
WICHITA, KANSAS

15-135-23838-00-00

Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

93-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

6945

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

New

Date	11-4-94	Sec.	14	Twp.	17	Range	21e	Called Out	3:00AM	On Location	7:30AM	Job Start	11:00AM	Finish	12:05PM	
Lease	Dwler "U"	Well No.	#4	Location				Ness City, 10w, 7N, 3w, 1E, W/S	County	Ness	State	KS				
Contractor								Owner								
Pickrell Drlg.								Same								
Type Job								To Allied Cementing Co., Inc.								
Two Stage (Bottom Stage)								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size				T.D.				Charge				To				
7 7/8"				4503'				Pickrell Drilling Co. Inc.								
Csg.				Depth				Street				City				
4 1/2"				4495'				110 N. Market Suite 205				Wichita				
Tbg. Size				Depth				City				State				
								KS				67202				
Drill Pipe				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Tool				Depth				Purchase Order No.								
								X <i>[Signature]</i>								
Cement Left in Csg.				Shoe Joint				CEMENT								
27'				27'												
Press Max.				Minimum												
800 #																
Meas Line				Displace												
				7 1/2 bbl.												
Perf.																

EQUIPMENT

#	No.	Cementor	
Pumptrk	224	Helper	TIM DICKSON
Pumptrk		Helper	MIKE MAIER
#	No.	Driver	
Bulktrk	21	Driver	Bob Barberow
Bulktrk		Driver	

Amount Ordered	125 SKS ⁶⁰ / ₄₀ - 75 SKS COMMON 10% SALT		
Consisting of	3/8 Friction Reducer		
Common	150	5.75	862.50
Poz. Mix	50	3.00	150.00
Gel SALT	7	7.00	49.00
Chloride			
Quickset			
ACD-31	53 #	4.25	225.25
Handling	200	1.00	200.00
Mileage	21		168.00
		Sub Total	
		\$ Total	1654.75

DEPTH of Job	4495'	
Reference:	Pumptrk Charge	1038.00
	21 Pumptrk Mileage	47.25
	Total	1085.25

Floating Equipment	Customer Provided float Equip.		
Total	\$	2740.00	
Disc		411.00	
	\$	2329.00	

Remarks: Ran 4495' of 4 1/2" csg. Broke Circulation Pumped 500gal ASF followed by 125 SKS ⁶⁰/₄₀ + 75 SKS COMMON 10% salt 3/8 Friction Reducer, washed line clean of cement. Pumped Plug with Fresh water and Drilling Mud. Float did Hold.

DEC 22 1994

DIVISION

Russell, KS
861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

15-135-23888-0000

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6641

ORIGINAL

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-24-94	14	17	26	1:00 P.M.	6:00 P.M.	7:15 P.M.	7:30 P.M.
Lease	Well No.	Location			County	State	
Dumlan "U"	4	Sec 10W-7N-3W-15N-wmto			Wood	KS	

Contractor	<i>Pickell</i>
Type Job	<i>Surface</i>
Hole Size	<i>12 1/4"</i>
Csg.	<i>8 5/8" 20#</i>
Tbg. Size	
Drill Pipe	
Tool	
Cement Left in Csg.	<i>15'</i>
Press Max.	
Meas Line	
Perf.	

Owner	<i>Good</i>
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	<i>Pickell Drilling Co Inc</i>
Street	<i>110 N. Market Suite 205</i>
City	<i>Wichita</i>
State	<i>Ks</i>
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>Work To Order</i>
CEMENT	

EQUIPMENT		
No.	Cementer	
Pumptrk <i>224</i>	Helper	<i>Mike main</i>
Pumptrk	Cementer	
	Helper	
Bulktrk <i>116</i>	Driver	<i>J.D.</i>
Bulktrk	Driver	

Amount Ordered	<i>15060/40 223</i>	
Consisting of		
Common	<i>90</i>	<i>517.50</i>
Poz. Mix	<i>60</i>	<i>180.00</i>
Gel.	<i>3</i>	<i>27.00</i>
Chloride	<i>5</i>	<i>125.00</i>
Quickset		
Handling	<i>150</i>	<i>150.00</i>
Mileage	<i>21</i>	<i>126.00</i>
		Sub-Total
		Total

DEPTH of Job	<i>215'</i>	
Reference:		
<i>21</i>	<i>Pump Trk Chg</i>	<i>430.00</i>
	<i>Pump Trk Miley</i>	<i>47.25</i>
	<i>THP</i>	<i>42.00</i>
		Sub-Total
		Total

Floating Equipment	
Total	<i>\$ 1125.50</i>
Total	<i>\$ 1644.75</i>
Disc	<i>246.72</i>
	<i>\$ 1398.03</i>

Remarks: *Run 5 to 20' new 8 5/8" Bore
isolation with pig. Cemented with
150 5060/40 223 displaced with 13.58BB1
back water. Cement did. Circulate
Shut Up
Allied Cementing Mike J.D.*