

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

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

Purchaser: Texaco

Operator Contact Person: Larry J. Richardson

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Bill Klaver

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGV
 Dry Other (Core, WSV, 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. _____

8-9-97 8-18-97 9-15-97
Spud Date Date Reached TD Completion Date

API NO. 15- 15-135-24,010-0000

County Ness

NE - NW - SE Sec. 25 Twp. 19S Rge. 22 E W

2310 Feet from EN (circle one) Line of Section

1650 Feet from EN (circle one) Line of Section

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

Lease Name Humburg Well # 4

Field Name Schaben

Producing Formation Mississippian Osage

Elevation: Ground 2277 KB 2282

Total Depth 4382 PBTB _____

Amount of Surface Pipe Set and Cemented at 449' KB Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1474' Feet

If Alternate II completion, cement circulated from 1474'
feet depth to surface w/ 275sx sx cnt.

Drilling Fluid Management Plan Att. 2, 4-10-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 4,200 ppm Fluid volume 350 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name 10-1-97

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ 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 C. W. Sebitts

Title C. W. Sebitts - President Date 9-30-97

Subscribed and sworn to before me this 30th day of September, 1997.

Notary Public Verdella Lewis



6-06-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep MGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Pickrell Drilling Co. Inc.

Lease Name Humburg

Well # 4

Sec. 25 Twp. 19S Rge. 22

East
 West

County 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 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:
Radiation Guard

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Anhydrite	1485(+ 797)		
Topeka	3420(-1138)		
Heebner	3746(-1464)		
Lansing	3794(-1512)		
Stark	4034(-1752)		
Pawnee	4204(-1922)		
Fort Scott	4284(-2002)		
Cherokee	4305(-2023)		
Mississippian	4362(-2080)		
Mississippian Por.	4369(-2087)		

CASING RECORD <input checked="" 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 Casing	12 1/4"	8 5/8"	20#	449'KB	60-40 poz	275sx	2%gel, 3%CC
Production Csg.	7 7/8"	5 1/2"	14#	4372'KB	60-40 poz	200sx	SSC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
	Open Hole		None	4372-4383

TUBING RECORD					
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2 3/8"	4370'				
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
9-15-97					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	34	Nil	114		

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

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp. Commingled
Production Interval
4372-4383

ORIGINAL

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#4 Humburg
NE NW SE
Section 25-19S-22W
Ness County, Kansas

API#: 15-135-24,010
2310' From South Line of Section
1650' From East Line of Section
ELEV: 2282' KB, 2280' DF, 2277' GL

- 8-11-97: (On 8-9) MIRT. Spud @ 2:00 PM. Ran 10 jts. of New 8 5/8" 20# Csg. set @ 449' KB, cmt w/ 275sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 10:00 PM on 8-9-97. (On 8-10) Drlg. plug @ 450'. (On 8-11) Drlg. @ 1597'. Anhydrite is questionable, should be near 1490'.
- 8-12-97: Drlg. @ 2390'.
- 8-13-97: Drlg. @ 2957'.
- 8-14-97: Drlg. @ 3493'.
- 8-15-97: Drlg. @ 4008'.
- 8-18-97: (On 8-16) Testing @ 4210'. (On 8-17) COOH for test @ 4375'. DST #1 4270-4310', 30"-30"-30"-30" Rec: 5" OSM, IFP 31-31#, ISIP 41#, FFP 31-31#, FSIP 41#. DST #2 4327-4375', 30"-60"-120"-120", Rec: 300' GIP, 310' O (44 deg. API), 240' HO&GCM (25% O, 20% G, 55% M), IFP 52-114#, ISIP 1122#, FFP 124-229#, FSIP 1122#. (On 8-18) RTD 4382'. (Made 7' of additional hole below DST #2). Ran OH Logs. LTD 4382'.
- 8-19-97: (On 8-18) Ran 109 jts. of 5 1/2" 14# Used production casing, set @ 4372', (shoe jt. 31'), cmt bottom w/125sx of 60-40 poz, followed by 75sx common. Bottom plug down at 7:10 PM. Cemented thru stage collar @ 1474' w/285sx of 65-35 poz, 6% gel w/1/4# floseal/sx. Cmt circ. PD @ 8:55 PM on 8-18-97.
- 8-20-97: WOCT.
- 9-09-97: M.I.C.T.
- 9-10-97: On 9/9 begin drilling out. Circulating pump went out. Will finish D.O. today.
- 9-11-97: On 9/10 ddrilled out float and shoe joint. Drilled soft cement in open hole to T.D. Drilled 1 ft. of new hole to 4383 (-2101). POOH w/tbg. & bit. Swabbed to btm. at 6:00 PM. Good show of oil last 3 pulls. Made one 30 min. pull, rec. 6.68 BTF, 5% wtr.

1997 OCT - 1 11:50 AM
PICKRELL DRILLING COMPANY
WICHITA, KANSAS

SAMPLE TOPS

Anhydrite	1475 (+ 807)
Base/Anhydrite	1518 (+ 764)
Heebner	3741 (-1459)
Lansing	3791 (-1509)
Stark	4038 (-1756)
Pawnee	4197 (-1915)
Fort Scott	4281 (-1999)
Cherokee	4301 (-2019)
Mississippian	4363 (-2081)
RTD	4382'

ELECTRIC LOG TOPS

Anhydrite	1485 (+ 797)
Topeka	3420 (-1138)
Heebner	3746 (-1464)
Lansing	3794 (-1512)
Stark	4034 (-1752)
Pawnee	4204 (-1922)
Fort Scott	4284 (-2002)
Cherokee	4305 (-2023)
Mississippian	4362 (-2080)
Mississippian Porosity	4369 (-2087)
LTD	4382'

ALLIED CEMENTING CO., INC. 6113

 REMIT TO P.O. BOX 31
 RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Neosho City

DATE <u>8-18-97</u>	SEC. <u>25</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT <u>10:45am</u>	ON LOCATION <u>12:15pm</u>	JOB START <u>5:40</u>	JOB FINISH <u>7:10pm</u>
LEASE <u>Humboldt</u>		WELL # <u>4</u>		LOCATION <u>Bagline 6 s 1/2 m 1/2 ad e s</u>		COUNTY <u>Neosho</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Richard Dula</u>		OWNER _____
TYPE OF JOB <u>2-Stage Bottom</u>		CEMENT _____
HOLE SIZE <u>7 7/8</u>	I.D. <u>4382</u>	AMOUNT ORDERED _____
CASING SIZE <u>5 1/2</u>	DEPTH <u>4372</u>	<u>125 6/8 2 1/2 del</u>
TUBING SIZE _____	DEPTH _____	<u>75 Conn</u>
DRILL PIPE _____	DEPTH _____	
TOOL _____	DEPTH _____	
PRES. MAX <u>1300</u>	MINIMUM _____	COMMON <u>150</u> @ <u>16.35</u> <u>952.50</u>
MEAS. LINE _____	SHOE JOINT <u>3054</u>	POZMIX <u>50</u> @ <u>3.25</u> <u>162.50</u>
CEMENT LEFT IN CSG. _____		GEL <u>2</u> @ <u>9.50</u> <u>19.00</u>
PERFS. _____		CHLORIDE _____

EQUIPMENT			
PUMP TRUCK # <u>224</u>	CEMENTER <u>A. Weyand</u>	HANDLING <u>200</u>	@ <u>1.05</u> <u>210.00</u>
BULK TRUCK # <u>2102</u>	HELPER <u>B. Nostrom</u>	MILEAGE <u>17</u>	@ _____ <u>136.00</u>
BULK TRUCK # <u>344</u>	DRIVER <u>D. Walls</u>		
BULK TRUCK # _____	DRIVER <u>Rick W.</u>		
		TOTAL \$	<u>1480.00</u>

REMARKS:	SERVICE
<u>One 5 1/2 cas, min 125 6/8</u> <u>2 1/2 del 75 Conn, Drop Plug</u> <u>Wha line Plug Down 7:10pm</u> <u>Released + Hold</u> <u>Thanks</u>	DEPTH OF JOB <u>4372</u> PUMP TRUCK CHARGE _____ @ _____ <u>1145.00</u> EXTRA FOOTAGE _____ @ _____ _____ MILEAGE <u>17</u> @ <u>2.85</u> <u>48.45</u> PLUG _____ @ _____ _____ _____ @ _____ _____ _____ @ _____ _____ TOTAL \$ <u>1193.45</u>

 CHARGE TO: Richard Dula Co Inc.
 STREET PO Box 1303
 CITY Neosho STATE Ko ZIP 67530

FLOAT EQUIPMENT	
<u>1-5/8 Stage Collar</u>	@ <u>3065.00</u> <u>3065.00</u>
<u>1-5/8 Basket</u>	@ <u>127.00</u> <u>127.00</u>
_____	@ _____ _____
_____	@ _____ _____
_____	@ _____ _____
TOTAL \$ <u>3192.00</u>	

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

 SIGNATURE [Signature]

 TAX -0-
 TOTAL CHARGE \$ 5865.45
 DISCOUNT \$ 879.82 IF PAID IN 30 DAYS

Net \$ 4985.63

ALLIED CEMENTING CO., INC.

6107

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Near City

DATE <u>8-9-97</u>	SEC. <u>25</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT <u>7:30pm</u>	ON LOCATION <u>9:05pm</u>	JOB START <u>9:20pm</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>Number</u>	WELL # <u>4</u>	LOCATION <u>Bazens 5s 1/2w 1/2s e.s</u>			COUNTY <u>Near</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Pickrell Dalg

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 455

CASING SIZE 8 5/8 DEPTH 452

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

OWNER Same

CEMENT

AMOUNT ORDERED 275 6 3/4 3% cc 2% Del

COMMON	<u>165</u>	@	<u>6.35</u>	<u>1047.7</u>
POZMIX	<u>110</u>	@	<u>3.25</u>	<u>357.5</u>
GEL	<u>5</u>	@	<u>9.50</u>	<u>47.50</u>
CHLORIDE	<u>8</u>	@	<u>28.00</u>	<u>224.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER D. Weighaus

224 HELPER B. Norton

BULK TRUCK DRIVER B. White

116

BULK TRUCK DRIVER _____

HANDLING	<u>275</u>	@	<u>1.05</u>	<u>288.75</u>
MILEAGE	<u>17</u>			<u>187.00</u>

TOTAL \$ 2152.50

REMARKS:

SERVICE

circ. 8 5/8

Max 275 6 3/4 3% cc 2% Del

Disp 27 1/4 B.B.L. Plug Down

10:00 pm Cemt. did circ!

DEPTH OF JOB	<u>452</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>470.00</u>
EXTRA FOOTAGE	<u>152'</u>	@	<u>.43</u>	<u>65.36</u>
MILEAGE	<u>17</u>	@	<u>2.85</u>	<u>48.45</u>
PLUG	<u>2 Cup Wood</u>	@	<u>45.00</u>	<u>45.00</u>

Thanks

TOTAL \$ 628.81

CHARGE TO: Pickrell Dalg

STREET Box 1303

CITY Great Bend STATE Ks ZIP 67530

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		