

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 SIOV 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-29-97 8-7-97 9-3-97
 Spud Date Date Reached TD Completion Date

API NO. 15- _____

County Ness
20' N & 70' E of
W/2-E/2-NE Sec. 23 Twp. 19S Rge. 22 E W

1300 Feet from (circle one) Line of Section
920 Feet from (circle one) Line of Section

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

Lease Name Borger Well # 3

Field Name Schaben

Producing Formation Mississippian Osage

Elevation: Ground 2242 KB 2247

Total Depth 4349 PBTB _____

Amount of Surface Pipe Set and Cemented at 489' KB Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1442' Feet

If Alternate II completion, cement circulated from 1442

feet depth to Surface w/ 275 sx _____ sx cmt.

Drilling Fluid Management Plan AH 2, 3-13-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 9,000 ppm Fluid volume 400 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name 9-16-97

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. Sebts

Title C. W. Sebts - President Date 9-15-97

Subscribed and sworn to before me this 15th day of September, 19 97.

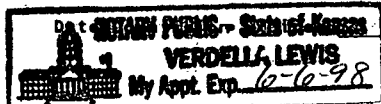
Notary Public Verdella Lewis

6-6-98

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution
 KCC SWD/Rep NGA
 KGS Plug Other (Specify)



JAN 19 1990

SIDE TWO

Operator Name Pickrell Drilling Co. Inc.

Lease Name Borger

Well # 3

Sec. 25 Twp. 19S Rge. 22W
 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	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Anhydrite	1450(+ 797)				
Topeka	3358(-1111)				
Heebner	3706(-1459)				
Lansing	3754(-1507)				
Stark	3994(-1747)				
B/Kansas City	4057(-1810)				
Pawnee	4160(-1913)				
Fort Scott	4242(-1995)				
Cherokee	4260(-2013)				
Mississippian	4332(-2085)				
Mississippian Porosity	4341(-2094)				

CASING RECORD							
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#	489' KB	60-40 poz	285sx	2%gel, 3%CC
Prod. Casing	7 7/8"	5 1/2"	14#	4340'	60-50 poz	200sx	6%gelw/1/4#FS/sx

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		A 250-15% DSFe	4340-4349
	Open Hole		A 500-15% DSFe	4340-4355

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8"	4340			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj.			Producing Method				
9-3-97			<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
	66		Nil			66	
							Gravity
							39

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

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp. Commingled
Production Interval 4340-4355

ORIGINAL

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#3 Borger

20' N. & 70' E. of W/2 E/2 NE

Section 25-19S-22W

Ness County, Kansas

API#: 15-135-23,998

1300' From North Line of Section

920' From East Line of Section

ELEV: 2247' KB, 2245' DF, 2242' GL

- 7-14-97: MIRT. S.D. for Rig Vacation.
- 7-28-97: Still S.D. for Rig Vacation. Will Spud tomorrow.
- 7-29-97: Will Spud this A.M.
- 7-30-97: (On 7-29) Spud @ 11:15 AM. Ran 11 jts. of New 8 5/8" 20# Csg. set @ 489' KB, cmt w/275sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 8:15 PM on 7-29-97. (On 7-30) Drlg. @ 595'.
- 7-31-97: Drlg. @ 2058'.
- 8-01-97: Drlg. @ 2736'.
- 8-04-97: (On 8-2) Drlg. @ 3315'. (On 8-3) Drlg. @ 3897'. (On 8-4) Drlg. @ 4270'. Prep to run DST #1 4226-4270'.
- 8-05-97: Drlg. @ 4337'. DST #1 4226-4270', 30"-60"-90"-90", Rec: 80' MW, 360' SW. IFP 72-104#, ISIP 427#, FFP 135-187#, FSIP 406#. Prep to CFS. (Note: Pipestrap 2.68' short to board.)
- 8-06-97: TD 4349'. Running DST #3 @ 4339-4349'. DST #2 4286-4341', 30"-60"-90"-90" Rec: 10' Cln Oil, 55' OCM (18% O, 2% G, 80% M), 120' OCM (18% O, 10% G, 72% M). IFP 31-41#, ISIP 1029#, FFP 62-83#, FSIP 1018#.
- 8-07-97: RTD 4349'. DST #3 4339-4349', 30"-60"-120"-120", Rec: 330' GIP, 390' Oil (40 deg API), 90' HO&GCM (28% O, 20% G, 52% M), 30' OCM (5% O, 25% W, 70% M) wtr CL = 9000 PPM. IFP 52-72#, ISIP 1112#, FFP 104-187#, FSIP 1112#. Ran E-Logs. LTD 4349'. Running 5 1/2" production casing.
- 8-08-97: (On 8-7) Ran 107 jts. of Used 5 1/2" 14# Csg. set 9' off btm. @ 4340', cmt btm w/125sx 60-40 poz, followed by 75sx common, 15sx in rathole. PD @ 12:35 PM on 8-07-97. Stage collar @ 1442'. Cmt thru stage collar w/285sx of 65-35 poz, 6% gel w/1/4# FS/sx. Cmt circ. PD @ 2:00 PM on 8-07-97. (On 8-8) WOCT.
- 8-20-97: Rigged up CT. Prepare to drill out.

SAMPLE TOPS

Anhydrite	1454 (+ 793)
Base/Anhydrite	1488 (+ 759)
Heebner	3704 (-1457)
Lansing	3757 (-1510)
Stark	3996 (-1749)
Base/Kansas City	4055 (-1808)
Fort Scott	4239 (-1992)
Cherokee	4258 (-2011)
Mississippian	4331 (-2084)

RTD 4349'

ELECTRIC LOG TOPS

Anhydrite	1450 (+ 797)
Topeka	3358 (-1111)
Heebner	3706 (-1459)
Lansing	3754 (-1507)
Stark	3994 (-1747)
Base/Kansas City	4057 (-1810)
Pawnee	4160 (-1913)
Fort Scott	4242 (-1995)
Cherokee	4260 (-2013)
Mississippian	4332 (-2085)
Mississippian Porosity	4341 (-2094)
LTD	4349'

ALLIED CEMENTING CO., INC.

6105

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

ORIGINAL

SERVICE POINT: Ness City

DATE <u>8-7-97</u>	SEC. <u>25</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>12:40pm</u>	JOB FINISH <u>2:00pm</u>
LEASE <u>Burger</u>	WELL # <u>3</u>	LOCATION <u>Bayone 5 1/2w S+E</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Picknell Oreg
 TYPE OF JOB Production (Top Stage)
 HOLE SIZE 7 7/8 T.D. 4349
 CASING SIZE 5 1/2 DEPTH 4348
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH 1442
 PRES. MAX 1600^{psi} MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.

OWNER Same CEMENT

AMOUNT ORDERED
300 (6535 6% Seal) 1/4" Flo Seal per sk

COMMON	<u>300 ALW</u>	@	<u>6.00</u>	<u>1800.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
<u>Flo Seal</u>	<u>75[#]</u>	@	<u>1.15</u>	<u>86.25</u>
		@		
		@		
		@		
		@		
HANDLING	<u>300</u>	@	<u>1.05</u>	<u>315.00</u>
MILEAGE	<u>17</u>			<u>204.00</u>
TOTAL				<u>2405.25</u>

EQUIPMENT

Buck
 PUMP TRUCK CEMENTER J. Weylous
 # 224 HELPER B. Norton
 BULK TRUCK
 # 214 DRIVER B. White
 BULK TRUCK
 # 260 DRIVER D. Walls

REMARKS:

Drop Bomb break circ with Pump Tab, reg circ 5 1/2 cpg 15 min, mix 300 x 1 1/2 Flo Seal per sk, Disp 3 1/2 B.B., float held cemented
One circ 40sx into Pit
7 tanks

SERVICE

DEPTH OF JOB	<u>1442</u>			
PUMP TRUCK CHARGE	<u>Top Stage</u>			<u>580.00</u>
EXTRA FOOTAGE				
MILEAGE	<u>17</u>	@	<u>2.85</u>	<u>N/C</u>
PLUG		@		
		@		
		@		
TOTAL				<u>580.00</u>

CHARGE TO: Picknell Oreg Co
 STREET PO Box 1303
 CITY Great Bend STATE Ks ZIP 67530

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

ALLIED CEMENTING CO., INC. 6104

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

SERVICE POINT: Abbe City

ORIGINAL

DATE <u>8-7-97</u>	SEC. <u>25</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT <u>4:00AM</u>	ON LOCATION <u>6:00AM</u>	JOB START <u>11:00AM</u>	JOB FINISH <u>12:35pm</u>
LEASE <u>Borger</u>	WELL # <u>3</u>	LOCATION <u>Bayne 5s 1/2w 54E</u>		COUNTY <u>Wass</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one) NEW

CONTRACTOR <u>Pickrell Dalg</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production (Bottom Stage)</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D. <u>4349</u>	
CASING SIZE <u>5 1/2</u> DEPTH <u>4348</u>	AMOUNT ORDERED
TUBING SIZE _____ DEPTH _____	<u>125 6/40 2 9/16</u>
DRILL PIPE _____ DEPTH _____	<u>75 Com.</u>
TOOL <u>5'</u> DEPTH _____	
PRES. MAX <u>1500</u> MINIMUM _____	COMMON <u>150</u> @ <u>6.35</u> <u>952.50</u>
MEAS. LINE _____ SHOE JOINT <u>26</u>	POZMIX <u>50</u> @ <u>3.25</u> <u>162.50</u>
CEMENT LEFT IN CSG. <u>26</u>	GEL <u>2</u> @ <u>9.50</u> <u>19.00</u>
PERFS. _____	CHLORIDE _____ @ _____

EQUIPMENT

<u>Bud</u>	PUMP TRUCK CEMENTER <u>J. Weiglous</u>
# <u>224</u>	HELPER <u>B. Norton</u>
BULK TRUCK	
# <u>214</u>	DRIVER <u>B. White</u>
BULK TRUCK	
# <u>260</u>	DRIVER <u>O. Wall</u>

HANDLING <u>200</u>	@ <u>1.05</u>	<u>210.00</u>
MILEAGE <u>17</u>		<u>136.00</u>
TOTAL		<u>\$ 1480.00</u>

REMARKS:

circ 5 1/2 cas, max 125 6/40 2 9/16
75 3x Com. Disp 108 BB
land plug 1500#, Released
held

SERVICE

DEPTH OF JOB <u>4348</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: Pickrell Dalg
STREET PO Box 1303
CITY Great Bend STATE Ko ZIP 67530

FLOAT EQUIPMENT

<u>5 1/2 stage Collar</u>	@ <u>3949.00</u>	<u>3949.00</u>
<u>1-5 1/2 Basket</u>	@ <u>142.00</u>	<u>142.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

ALLIED CEMENTING CO., INC.

6100

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

ORIGINAL

SERVICE POINT:

Neosho City

DATE <u>7-29-97</u>	SEC. <u>25</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT <u>6:30pm</u>	ON LOCATION <u>7:15pm</u>	JOB START <u>7:40pm</u>	JOB FINISH <u>8:15pm</u>
LEASE <u>Boyer</u>	WELL # <u>3</u>	LOCATION <u>Bazine 55 1/2w 54E</u>			COUNTY <u>Neosho</u>	STATE <u>KS</u>	

CONTRACTOR Pickrell Only

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 495

CASING SIZE 8 7/8 DEPTH 492

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% gel

COMMON	<u>165</u>	@	<u>6.35</u>	<u>1047.75</u>
POZMIX	<u>110</u>	@	<u>3.25</u>	<u>357.50</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 J. Weiglans

181 HELPER B. Norton

BULK TRUCK

222 DRIVER D. Wells

BULK TRUCK

_____ DRIVER _____

HANDLING 275 @ 1.05 288.75

MILEAGE 17 187.00

TOTAL \$ 2152.50

REMARKS:

Cement Surface

SERVICE

8 7/8 cc mix 275 ss

6 3/4 3% cc 2% gel, Deep

30 BBL Plug Down 8:15 PM

Cost of 2- Cup Wood

DEPTH OF JOB 492

PUMP TRUCK CHARGE 0-300' 470.00

EXTRA FOOTAGE 192' @ .43 82.56

MILEAGE 17 @ 2.85 48.45

PLUG 2-Cup Wood @ 45.00 45.00

Thanks

TOTAL \$ 1646.01

CHARGE TO: Pickrell Only

STREET Box 1303

CITY Great Bend STATE Ks ZIP 67530

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____