

24048
15-135-24488-0000

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

ORIGINAL

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

Purchaser: Texaco Trading & Transportation

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

3-26-98 4-03-98 5-06-98
Spud Date Date Reached TD Completion Date

API NO. 15- 15-135-24488-0000

County Ness

E/2-E/2-NE Sec. 25 Twp. 19S Rge. 22

1340' Feet from S/N (circle one) Line of Section

400' Feet from E/W (circle one) Line of Section

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

Lease Name Borger "A" Well # 4

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2251 KB 2256

Total Depth 4372 PBD _____

Amount of Surface Pipe Set and Cemented at 493' KB Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1459' Feet

If Alternate II completion, cement circulated from 1459

feet depth to surface w/ 300 sx cx cnt.

Drilling Fluid Management Plan Alt. 2, 6-18-98
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 400 bbls

Dewatering method used _____

Location of fluid disposal if hauled off site
RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name MAY 21 1998 License No. 5-21-98

Quarter _____ Sec. _____ Twp. 19S Rng. 22 E/W

County _____ Docket No. 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 C. W. Sebitts

Title C. W. Sebitts - President Date 5-21-98

Subscribed and sworn to before me this 21st day of May 19 98.

Notary Public Verdella Lewis

6-06-98

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



Operator Name Pickrell Drilling Co. Inc.

Lease Name Borger "A"

Well # 4

Sec. 25 Twp. 19S Rge. 22

East

County 'Ness

West

ORIGINAL

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:

No Electric Log was run.

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1466 (+790)	
Base/Anhydrite	1498 (+758)	
Heebner	3721 (-1465)	
Lansing	3772 (-1516)	
Stark	4016 (-1760)	
Base/Kansas City	4074 (-1818)	
Pawnee	4117 (-1921)	
Fort Scott	4258 (-2002)	
Cherokee	4278 (-2022)	
Mississippian	4348 (-2092)	

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#	493' KB	60-40 poz	300sx	2% qel, 3% CC
Prod. Casing	7 7/8"	5 1/2"	14#	4359'	60-40 poz	200sx	SS Common
Stage Collar				1459	65-35 noz	270sx	6% qel

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
None	Open Hole	A 250 qal, 15% NE	4359-4372
		Re A 500 qal, 15% NE	4359-4372

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4365		

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)
5-6-98	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	31 1/2		9		38.6

Disposition of Gas:

METHOD OF COMPLETION

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Coning

Production Interval
4359-4372

ORIGINAL

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#4 Borger "A"
E/2 E/2 NE
Section 25-19S-22W
Ness County, Kansas

API#: 15-135-23,998
1340' From North Line of Section
400' From East Line of Section
ELEV: 2256' KB, 2254' DF, 2251' GL

- 3-26-98: MIRT. RURT & Spud today.
- 3-27-98: (On 3-26) Spud @ 6:30 PM. Ran 11 jts. of New 8 5/8" 20# Csg. set @ 493' KB, cmt w/300sx of 60-40 poz, 2% gel, 3% CC. Cmt Circ. PD @ 5:00 AM on 3-27-98. WOC.
- 3-30-98: (On 3-28) Drlg. @ 1855'. (On 3-29) Drlg. @ 2850'. (On 3-30) Drlg. @ 3515'.
- 3-31-98: Drlg. @ 4080'.
- 4-01-98: Drlg. @ 4270'. COOH for DST #1 4246-4278'.
- 4-02-98: TD 4366'. COOH for DST #2 4308-4366'. DST #1 4246-4278', 30"-60"-30"-30", Rec: 65' SOCM (1% O). IFP 30-30#, ISIP 542#, FFP 30-30#, FSIP 117#. Note: Pipe strap 3' short to board.
- 4-03-98: TD 4372'. DST #2 4308-4366', 30"-60"-120"-60" Rec: 1' FO, 60' HOCM (30% O), 60' OCM (5% O). IFP 41-41#, ISIP 964#, FFP 52-52#, FSIP 918#. Taking DST #3 4358-4372'.
- 4-06-98: (On 4-3) DST #3 4358-4372', 30"-60"-120"-120", Strong blow off btm, Rec: 390' GIP + 450' O + 120' OCW (Cl 9000 PPM), (Total fluid 570'). ISIP 1056#, IFP 30-75#, FFP 97-223#, FSIP 1033#. (On 4-4) RTD 4372'. Ran 108 jts. of 5 1/2" 14# Csg set 13' off btm @ 4359', cmt w/125sx of 60-40 poz, followed by 75sx common. Completed @ 4:05 AM on 4-4-98. Cmt stage collar @ 1459' w/270sx of 65-35 poz w/6% gel & 1/4# FS/sx. Cmt circ. PD @ 5:45 AM on 4-4-98. 15sx in RH. On 4-6 WOCT.
- 4-14-98: Expect to MICT tomorrow (4/15).
- 4-16-98: On 4/15 MICT. Now drilling out DV tool.
- 4-17-98: On 4/16 drilled out stage collar and shoe joint. Cleaned out bottom. Start OOH w/ 2 1/2" tubing and bit. SDFN. Will finish POOH w/tools, swab down and test.

SAMPLE TOPS

Anhydrite	1466 (+ 790)
Base/Anhydrite	1498 (+ 758)
Heebner	3721 (-1465)
Lansing	3772 (-1516)
Stark	4016 (-1760)
Base/Kansas City	4074 (-1818)
Pawnee	4117 (-1921)
Fort Scott	4258 (-2002)
Cherokee	4278 (-2022)
Mississippian	4348 (-2092)
RTD	4372'

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 21 1998

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

9051

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

ORIGINAL

K

DATE 4-4-98	SEC.	TWP.	RANGE	CALLED OUT	ON-LOCATION	JOB START	JOB FINISH 5:40 AM	
LEASE Boyer A		WELL # 4		LOCATION Boyer 5 1/4 S west			COUNTY Ness	STATE Va
OLD OR <u>NEW</u> (Circle one)								

CONTRACTOR Picknell Drlg

OWNER Same

TYPE OF JOB D-V (2nd Stage)

CEMENT

HOLE SIZE 7 1/8 T.D. 4372

CASING SIZE 5 1/2 DEPTH 4363

AMOUNT ORDERED 300 ^{69 1/2 gal} _{1/4 lb per sec}

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH 1459

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 30 1/2

COMMON 180 @ 6.35 1143.00

POZMIX 120 @ 3.25 390.00

GEL 15 @ 9.50 142.50

CHLORIDE @

@

Glossol 75# @ 1.15 86.25

@

@

@

HANDLING @ 1.05 315.00

MILEAGE 12/20/98 204.00

EQUIPMENT

PUMP TRUCK CEMENTER Mark

153 HELPER Paul

BULK TRUCK DRIVER Larry

GB DRIVER

BULK TRUCK DRIVER

DRIVER

TOTAL 2280.75

REMARKS:

SERVICE

Cement 5 1/2" D.V. 7001

IS sy @ Rathole

Cement Circ @ 25' in. pit

[Signature]

DEPTH OF JOB

PUMP TRUCK CHARGE 580.00

EXTRA FOOTAGE @

MILEAGE @

PLUG **RECEIVED** @

KANSAS CORPORATION COMMISSION @

@

MAY 21 1998

TOTAL 580.00

CHARGE TO: Picknell Drlg

CONSERVATION DIVISION

STREET Box 1303

WICHITA, KS

CITY Great Bend STATE Kansas ZIP 67530

FLOAT EQUIPMENT

@

@

@

@

@

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment

and furnish cementer and helper to assist owner or

TOTAL

ALLIED CEMENTING CO., INC.

9375

Federal Tax I.D.# 48-0727860

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

ORIGINAL

SERVICE POINT: K

DATE <u>4-4-98</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:30pm</u>	JOB START <u>3:25pm</u>	JOB FINISH
LEASE <u>Bayer A</u>	WELL # <u>4</u>	LOCATION <u>Bazine 5/4 S well</u>			COUNTY <u>Neosho</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Pickrell Dalg

TYPE OF JOB D-V (Bottom Stage)

HOLE SIZE 7 7/8 T.D. 4372

CASING SIZE 5 1/2 DEPTH 4372

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH 1459

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 28.93

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 125 60/40 2% gel
75 cem

COMMON	<u>150</u>	@	<u>6.35</u>	<u>952.50</u>
POZMIX	<u>50</u>	@	<u>3.25</u>	<u>162.50</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE		@		
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>210.00</u>
MILEAGE	<u>44 / S / mile</u>			<u>136.00</u>
TOTAL				<u>1480.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark

153 HELPER Paul

BULK TRUCK

282 DRIVER Bill L

BULK TRUCK

213 DRIVER Jason

REMARKS:

Float Held

Cement 5 to Bottom Stage

SERVICE

DEPTH OF JOB 1080.00

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE 17 @ 2.85 48.45

PLUG @

RECEIVED @

KANSAS CORPORATION COMMISSION @

MAY 21 1998

TOTAL 1128.45

CHARGE TO: Pickrell Dalg

STREET Box 1303

CITY Great Bend STATE Kansas ZIP 67530

CONSERVATION DIVISION
WICHITA, KANSAS **FLOAT EQUIPMENT**

<u>5 1/2</u>			
<u>Guide shoe</u>	@		<u>168.00</u>
<u>Insert</u>	@		<u>263.00</u>
<u>3-cent</u>	@	<u>56.45</u>	<u>168.00</u>
<u>1- Basket</u>	@		<u>142.00</u>
<u>1- Stage collar</u>	@		<u>3949.00</u>

TOTAL 4690.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helner to assist owner or

ALLIED CEMENTING CO., INC.

4659

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

ORIGINAL

SERVICE POINT:

Neosho City

DATE <i>3-27-98</i>	SEC <i>25</i>	TWP <i>19</i>	RANGE <i>22</i>	CALLED OUT <i>12:15AM</i>	ON LOCATION <i>1:15AM</i>	JOB START <i>4:15AM</i>	JOB FINISH <i>5:00AM</i>
LEASE <i>Borger</i>	WELL # <i>4</i>	LOCATION <i>Bayone 5 1/4 s w.s.</i>			COUNTY <i>Neosho</i>	STATE <i>KS</i>	

OLD OR NEW (Circle one)

CONTRACTOR *Pickrell Drilling #10.* OWNER *Same*

TYPE OF JOB *Surface* CEMENT

HOLE SIZE *12 1/4* T.D. *500.*

CASING SIZE *8 5/8* DEPTH *500.*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15*

PERFS.

AMOUNT ORDERED

300 6 1/4 3%cc 2%Gel

COMMON	<i>180</i>	@	<i>6.35</i>	<i>1143.00</i>
POZMIX	<i>120</i>	@	<i>3.25</i>	<i>390.00</i>
GEL	<i>5</i>	@	<i>9.50</i>	<i>47.50</i>
CHLORIDE	<i>9</i>	@	<i>28.00</i>	<i>252.00</i>
		@		
		@		
		@		
		@		
		@		
		@		
		@		

EQUIPMENT

Cement Truck

PUMP TRUCK CEMENTER *J. Weighman*

224 HELPER *B. White*

BULK TRUCK

214 DRIVER *D. Walls*

BULK TRUCK

DRIVER

HANDLING *300* @ *1.05* *315.00*

MILEAGE *17* *204.00*

TOTAL *\$2351.5*

REMARKS:

SERVICE

Circ 8 5/8 csg Mix 300sx 6 1/4 3%cc 2%Gel Deep 32 BAL Plug Down 5:00 AM Cemt dist Circ.

DEPTH OF JOB *500.*

PUMP TRUCK CHARGE *0-300'* *470.00*

EXTRA FOOTAGE *200'* @ *.43* *86.00*

MILEAGE *17* @ *2.85* *48.45*

PLUG *2-Cup Wood* @ *45.00* *45.00*

RECEIVED

KANSAS CORPORATION COMMISSION

Thanks

MAY 21 1998

TOTAL *\$649.4*

CHARGE TO: *Pickrell Drilling Co Inc.*

STREET *PO Box 1303*

CITY *Great Bend* STATE *Ks* ZIP *67530*

CONSERVATION DIVISION
WICHITA, KS

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	