

CORRECTION

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

API NO. 15- 15-135-24 048-0000

County Ness

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

1340' Feet from SW (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 Borgen "A" Well # 4

Field Name Schaben ERROR

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? X Yes \_\_\_ No \_\_\_

If yes, show depth set 1459' Feet

Alternate II completion, cement circulated from 493'

feet depth to surface w/ 300sx sx cnt.

Drilling Fluid Management Plan  
(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 offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

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

X New Well \_\_\_ Re-Entry

X Oil \_\_\_ SVD \_\_\_ S10W \_\_\_ Temp. Abd.

\_\_\_ Gas \_\_\_ ENHR \_\_\_ S16V

\_\_\_ Dry \_\_\_ Other (Core, MSW, 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/SVD

\_\_\_ Plug Back \_\_\_ PBD

\_\_\_ Commingled Docket No.

\_\_\_ Dual Completion Docket No.

\_\_\_ Other (SVD or Inj?) Docket No.

3-26-98 4-03-98 5-06-98

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 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

NOTARY PUBLIC - State of Kansas  
VERDELLA LEWIS  
My Appt. Exp. 6-10-98

6-06-98

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

Operator Name Pickrell Drilling Co. Inc.

Lease Name Borge "A"

Well # 4

Sec. 25 Twp. 19S Rge. 22

East  
 West

County Ness

ERROR

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.

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% qe1, 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% qe1

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 2 7/8" Set At 4365 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 5-6-98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

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

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled 4359-4372

Production Interval



# ALLIED CEMENTING CO., INC. 9375

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: K

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 08 2002

CONSERVATION DIVISION  
WICHITA, KS

DATE <u>4-4-98</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:30pm</u>	JOB START <u>3:20pm</u>	JOB FINISH
LEASE <u>Barger 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) <u>NEW</u> <b>ERROR</b>							

CONTRACTOR Richard Duly

TYPE OF JOB D-V (Bottom stage)

HOLE SIZE 7 7/8 T.D. 4372

CASING SIZE 5 1/2 DEPTH 4300

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH 1459

PRES. MAX MINIMUM

MEAS. LINE  SHOE JOINT 2893

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 125 60/40 2% gel  
75 com

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>12</u>	@	<u>11.00</u>	<u>132.00</u>
TOTAL				<u>1480.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mar

# 153 HELPER Paul

BULK TRUCK DRIVER Bell S

# 282

BULK TRUCK DRIVER Jason

# 213

REMARKS:

SERVICE

Float Well

Cement Stage

DEPTH OF JOB			<u>1000.00</u>
PUMP TRUCK CHARGE			
EXTRA FOOTAGE		@	
MILEAGE	<u>17</u>	@	<u>2.85</u>
PLUG		@	
		@	
		@	
TOTAL <u>1128.45</u>			

CHARGE TO: Richard Duly

STREET Box 1303

CITY Great Bend STATE Kansas ZIP 67530

FLOAT EQUIPMENT

<u>5/2</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-Bushet</u>	@		<u>142.00</u>
<u>1-Stage collar</u>	@		<u>3949.00</u>
TOTAL <u>4690.00</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.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME \_\_\_\_\_



FOR KCC USE:

(\*) NOTE: This location has been approved Docket #194,878-C (G28,127)

FORM C-1 7/91

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED

EFFECTIVE DATE: 1-27-98

DISTRICT # 1

SGA? Yes X No

State of Kansas

NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 2 - 1 - 98 month day year

Spot APPROX E/2 E/2 NE Sec 25 Twp 19 S Rg 22 East West

OPERATOR: License # 5123 Pickrell Drilling Company, Inc. 110 N. Market, Suite 205 Wichita, Kansas 67202 Larry J. Richardson 316-262-8427

CONTRACTOR: License # 5123 Company Tools

Well Drilled For: Oil, Gas, OAWD, Seismic; Well Class: Infield, Pool Ext, Wildcat, Other; Type Equipment: Mud Rotary, Air Rotary, Cable

If OAWD: old well information as follows: Operator, Well Name, Comp. Date, Old Total Depth

Directional, Deviated or Horizontal wellbore? yes X no If yes, true vertical depth: Bottom Hole Location

(\*) 1340 feet from South (North) line of Section 400 feet from East/West line of Section IS SECTION X REGULAR IRREGULAR? (NOTE: Locate well on the Section Plat on Reverse Side) County: Ness Lease Name: Border Well #: 4 Field Name: Schaben Is this a Prorated/Spaced Field? X yes no Target Formation(s): Mississippian Nearest lease or unit boundary: 400' 20' Ground Surface Elevation: 2260 feet MSL Water well within one-quarter mile: yes X no Public water supply well within one mile: yes X no Depth to bottom of fresh water: 200 Depth to bottom of usable water: 700 Surface Pipe by Alternate: 1 X 2 Length of Surface Pipe Planned to be set: 220' Length of Conductor pipe required: None Projected Total Depth: 4450' Formation at Total Depth: Mississippian Water Source for Drilling Operations: well farm pond X other

AFFIDAVIT

\* PRIOR INTENT FOR BORDER #4 API # 15-135-239810000 HAS BEEN CANCELLED.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq. It is agreed that the following minimum requirements will be met:

- 1. Notify the appropriate district office prior to spudding of well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. IF AN ALTERNATE II COMPLETION, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY USABLE WATER TO SURFACE WITHIN 120 DAYS OF SPUD DATE. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief. Date: 1-20-98 Signature of Operator or Agent: [Signature] Title: Geologist

FOR KCC USE: API # 15- 135-240480000 Conductor pipe required NONE feet Minimum surface pipe required 220 feet per Alt. X(2) Approved by: JK 1-27-98 This authorization expires: 7-22-98 (This authorization void if drilling not started within 6 months of effective date.) Spud date: Agent:

RECEIVED KANSAS CORPORATION COMMISSION

MAR 08 2002

CONSERVATION DIVISION WICHITA, KS

STATE CORP. COMMISSION

JAN 21 1998

CONSERVATION DIVISION Wichita, Kansas

MAILED

JAN 22 1998

CONSERVATION DIVISION Wichita, Kansas

Mail to: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.

Handwritten notes and dates: 285, 19, 2200, 1-20-98

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL IN A PRORATED OR SPACED FIELD

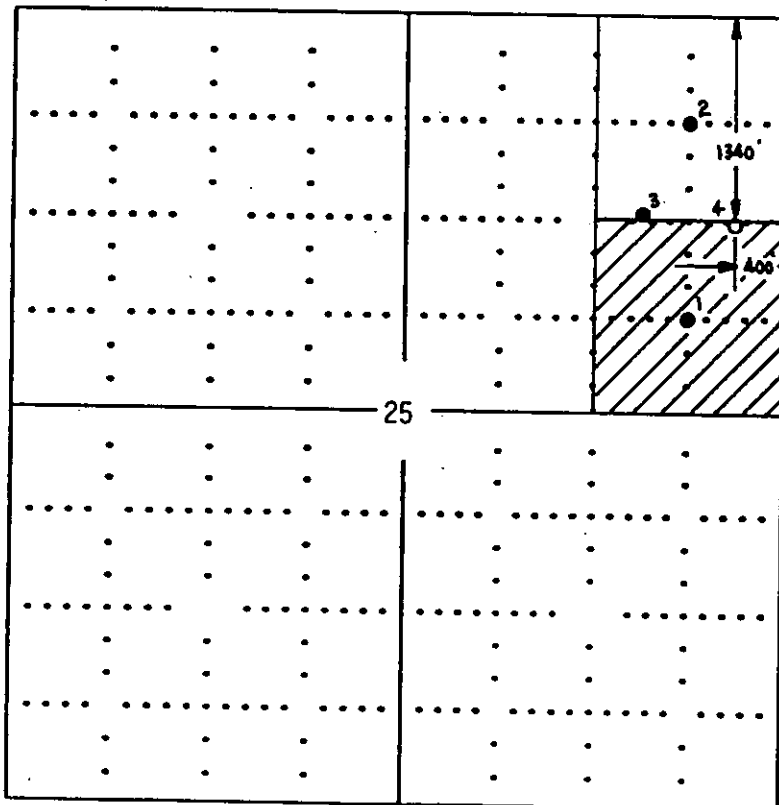
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API NO. 15- \_\_\_\_\_  
 OPERATOR Pickrell Drilling Co., Inc. LOCATION OF WELL: COUNTY Ness  
 LEASE Borger 1340 feet from south/north line of section  
 WELL NUMBER 4 400 feet from east/west line of section  
 FIELD Schaben SECTION 25 TWP 19S RG 22W

NUMBER OF ACRES ATTRIBUTABLE TO WELL \_\_\_\_\_ IS SECTION X REGULAR or \_\_\_\_\_ IRREGULAR  
 QTR/QTR/QTR OF ACREAGE \_\_\_\_\_ IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: X NE \_\_\_\_\_ NW \_\_\_\_\_ SE \_\_\_\_\_ SW  
PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)  
 (Show footage to the nearest lease or unit boundary line.)

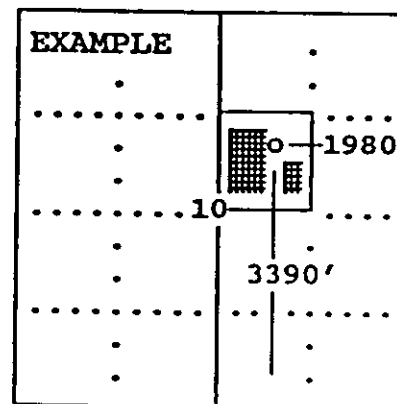


ONE SECTION

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 KANSAS CORPORATION COMMISSION

MAR 08 2002

CONSERVATION DIVISION  
 WICHITA, KS



SEWARD CO.

In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
- 2) the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease or unit boundary line.

MAR 08 2002

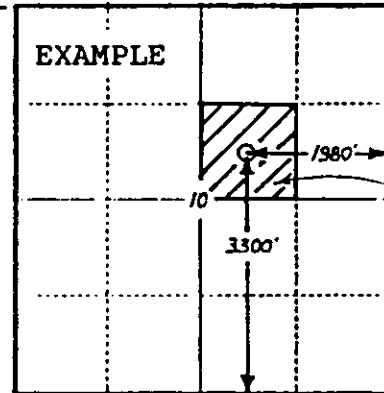
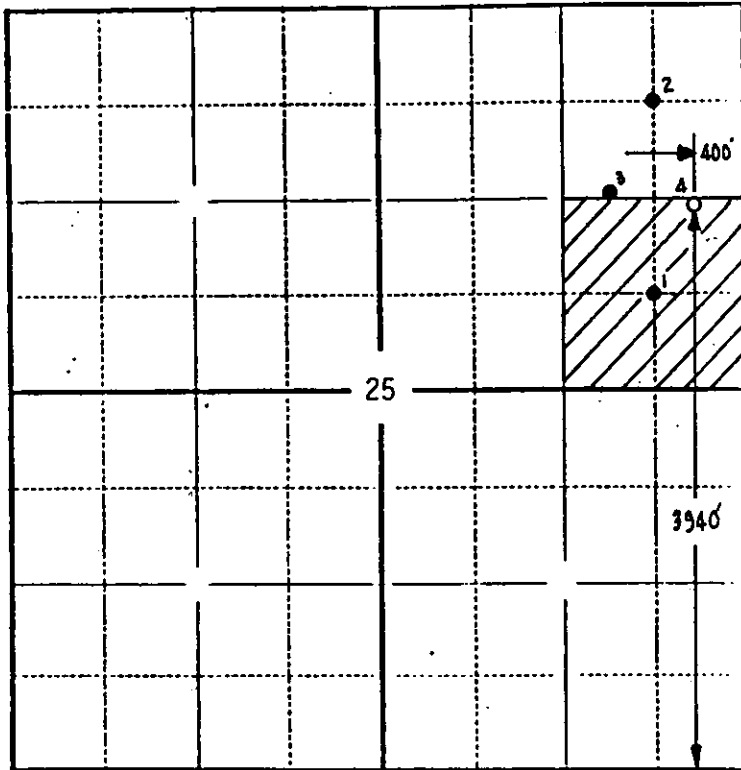
CO-7

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO AN OIL WELL  
State Corporation Commission, Conservation Division  
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Pickrell Drilling Co. Inc.  
LEASE NAME Borger  
WELL NUMBER 4  
FIELD Schaben  
NUMBER OF ACRES ATTRIBUTED TO WELL \_\_\_\_\_

LOCATION OF WELL:  
\_\_\_\_\_ feet north of SE corner  
\_\_\_\_\_ feet west of SE corner  
25 Sec. 19S T. 22W R.  
COUNTY Ness

PLAT  
(Show location of well and shade attributable acreage)  
(Show footage to nearest lease or unit boundary line)



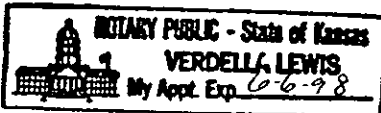
SEWARD CO.

The undersigned hereby certifies that he is Geologist  
for Pickrell Drilling Co. Inc. (Co.), a duly authorized agent, that all  
information shown hereon is true and correct to the best of his knowledge and  
belief, and that all acreage claimed as attributable to the well named herein  
is held by production from that well.

Subscribed and sworn to before me on this 20th day of January, 19 98  
Verdella Lewis  
Notary Public

My Commission expires 6-06-98

(6-1989)



1-20-98



PICKRELL DRILLING COMPANY, INC.

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MAR 08 2002

BARREL TEST REPORT

CONSERVATION DIVISION  
WICHITA, KS

DATE OF TEST 02-02

LEASE AND WELL NO BORGER ~~X1~~

FIELD SCHABEN

STATUS BEFORE TEST PUMPING

SIZE TUBING 2 1/2

PUMPING CYCLE 15 SPM x 64 INCH STROKE

POUNDING FLUID NO

DESCRIPTION OF PUMP 2

TIME TO FILL BUCKET OR DRUM 3 MINUTES 20 SECONDS

INCHES OF OIL IN DRUM 1/2 INCHES

RESULTS

BARRELS FLUID PER DAY	<u>432</u>	BFPD
OIL %	<u>2</u>	% OIL
WATER %	<u>98</u>	% WATER
BOPD	<u>8.64</u>	BOPD
BWPD	<u>423.36</u>	BWPD

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Best well  
on lease*

Dale E. Whittom

MAR 08 2002

CONSERVATION DIVISION  
WICHITA, KS

**BARREL TEST REPORT**

DATE OF TEST 02-02

LEASE AND WELL NO BORGER ~~2~~

FIELD SCHABEN

STATUS BEFORE TEST PUMPING

SIZE TUBING 2 —

PUMPING CYCLE 13 3/4 SPM x 54 INCH STROKE

POUNDING FLUID YES

DESCRIPTION OF PUMP 1 1/2

TIME TO FILL BUCKET OR DRUM 1 MINUTES 30 SECONDS

INCHES OF OIL IN DRUM 3/4 INCHES

**RESULTS**

BARRELS FLUID PER DAY	<u>114</u>	BFPD
OIL %	<u>6.25</u>	% OIL
WATER %	<u>93.75</u>	% WATER
BOPD	<u>7.12</u>	BOPD
BWPD	<u>106.88</u>	BWPD

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dale E. Whittom

PICKRELL DRILLING COMPANY, INC.

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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION  
WICHITA, KS

BARREL TEST REPORT

DATE OF TEST 02-02

LEASE AND WELL NO BORGER A3

FIELD SCHABEN

STATUS BEFORE TEST PUMPING

SIZE TUBING 2 1/2

PUMPING CYCLE 10 SPM x 64 INCH STROKE

POUNDING FLUID NO

DESCRIPTION OF PUMP 1 1/2

TIME TO FILL BUCKET OR DRUM 1 MINUTES 40 SECONDS

INCHES OF OIL IN DRUM 3/4 INCHES

RESULTS

BARRELS FLUID PER DAY	<u>103</u>	BFPD
OIL %	<u>6.25</u>	% OIL
WATER %	<u>93.75</u>	% WATER
BOPD	<u>6.43</u>	BOPD
BWPD	<u>96.57</u>	BWPD

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dale E. Whittom

MAR 08 2002

BARREL TEST REPORT

CONSERVATION DIVISION  
WICHITA, KS

DATE OF TEST 02-02

LEASE AND WELL NO BORGER A 4

FIELD SCHABEN

STATUS BEFORE TEST PUMPING

SIZE TUBING 2 1/2

PUMPING CYCLE 10 1/2 SPM x 48 INCH STROKE

POUNDING FLUID YES

DESCRIPTION OF PUMP 1 1/2

TIME TO FILL BUCKET OR DRUM 2 MINUTES 40 SECONDS

INCHES OF OIL IN DRUM 2 3/4 INCHES

RESULTS

BARRELS FLUID PER DAY	<u>64.3</u>	BFPD
OIL %	<u>22.9</u>	% OIL
WATER %	<u>77.1</u>	% WATER
BOPD	<u>14.72</u>	BOPD
BWPD	<u>49.58</u>	BWPD

*High only because well had just been acidized. 4.35 is more realistic number.*

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dale E. Whittom

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205  
WICHITA, KANSAS 67202-1996  
(316) 262-8427

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 08 2002

CONSERVATION DIVISION  
WICHITA, KS

September 23, 1997

Mr. Jeff Klock  
Kansas Corporation Commission  
Conservation Division  
Wichita State Office Bldg.  
130 S. Market, Room 2078  
Wichita, KS 67202

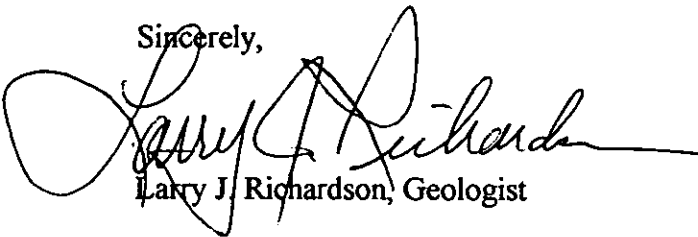
RE: #4 Borger  
API#15-135-23981

Dear Mr. Klock:

Attached, is an amended intent to drill, pit application and form CO-7 for the Pickrell Drilling #4 Borger well located 1340' FNL & 400 FEL Sec. 25-19S-22W, Ness County, Kansas. This intent to drill replaces the previous intent to drill filed on this well.

We are aware that this location will require the granting of a location exception under the current field rules governing the Schaben Pool in Ness County. We are, therefore, filing the appropriate application for that location exception along with this intent.

Sincerely,



Larry J. Richardson, Geologist

9-23-97

FOR KCC USE:

(\*) NOTE: This is an amended "Intent to Drill" due to changing the location.

FORM C-1 7/91  
FORM MUST BE TYPED  
FORM MUST BE SIGNED  
ALL BLANKS MUST BE FILLED

EFFECTIVE DATE:

DISTRICT #

SGA? Yes No

NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date Jan 10, 1998 (\*) E 72 Spot E/2- NE Sec 25 Twp 19 S, Rg 22 X East West

OPERATOR: License # 5123  
Name: Pickrell Drilling Company, Inc.  
Address: 110 N. Market, Suite 205  
City/State/Zip: Wichita, Kansas 67202  
Contact Person: Larry J. Richardson  
Phone: 316-262-8427

1340' feet from South/North line of Section  
400' feet from East/West line of Section  
IS SECTION X REGULAR IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)  
County: Ness  
Lease Name: Borger Well #: 4  
Field Name: Schaben

CONTRACTOR: License #: 5123  
Name: Company Tools

Is this a Prorated/Spaced Field? X yes no  
Target Formation(s): Mississippian  
Nearest lease or unit boundary: 400'  
Ground Surface Elevation: 2260GL feet MSL

Well Drilled For: Well Class: Type Equipment:  
X Oil ... Enh Rec X Infield X Mud Rotary  
... Gas ... Storage ... Pool Ext. ... Air Rotary  
... OWMO ... Disposal ... Wildcat ... Cable  
... Seismic; ... # of Holes ... Other

Water well within one-quarter mile: yes X no  
Public water supply well within one mile: yes X no  
Depth to bottom of fresh water: 200'  
Depth to bottom of usable water: 700'

If OWMO: old well information as follows:  
Operator:  
Well Name:  
Comp. Date: Old Total Depth

Surface Pipe by Alternate: 1 X 2  
Length of Surface Pipe Planned to be set: 220'+  
Length of Conductor pipe required: None  
Projected Total Depth: 4450'

Directional, Deviated or Horizontal wellbore? yes X no  
If yes, true vertical depth:  
Bottom Hole Location:

Formation at Total Depth: Mississippian  
Water Source for Drilling Operations:  
... well ... farm pond X other  
DWR Permit #:  
Will Cores Be Taken?: yes X no  
If yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.  
It is agreed that the following minimum requirements will be met:

- 1. Notify the appropriate district office prior to spudding of well;
- 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
- 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
- 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
- 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
- 6. IF AN ALTERNATE II COMPLETION, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY USABLE WATER TO SURFACE WITHIN 120 DAYS OF SPUD DATE. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  
Date: 9-23-97 Signature of Operator or Agent: Title: Geologist

FOR KCC USE:  
API # 15-135-23,981  
Conductor pipe required \_\_\_\_\_ feet  
Minimum surface pipe required \_\_\_\_\_ feet per Alt. 1 2  
Approved by: \_\_\_\_\_  
This authorization expires: \_\_\_\_\_  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

Mail to: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.

9-23-97

**IN ALL CASES, PLOT THE INTENDED WELL ON THE PLAT BELOW**

**PLAT OF ACREAGE ATTRIBUTABLE TO A WELL IN A PRORATED OR SPACED FIELD**

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

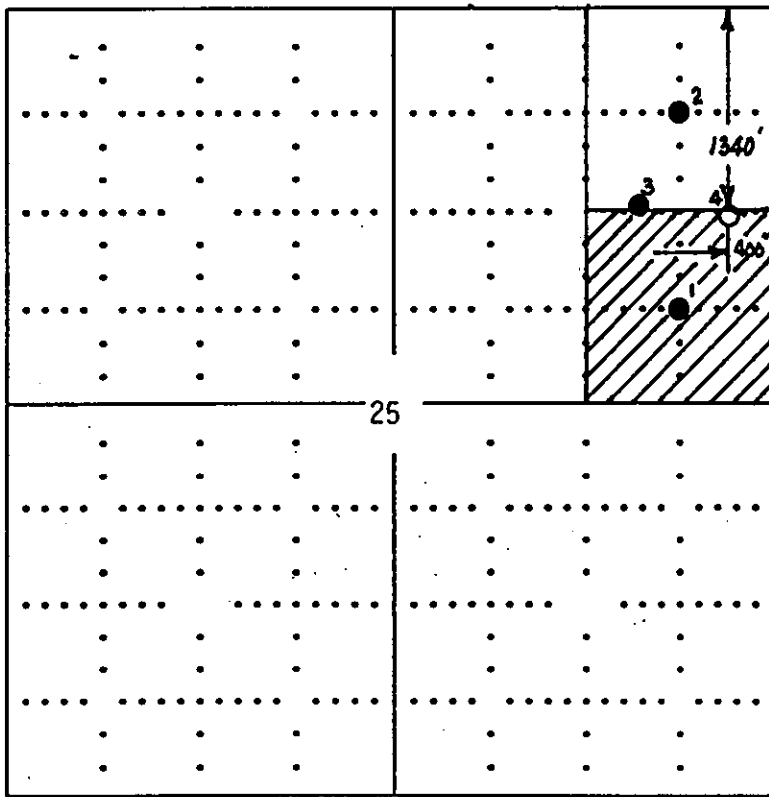
API NO. 15-135-23,981  
 OPERATOR Pickrell Drilling Company, Inc. LOCATION OF WELL: COUNTY Ness  
 LEASE Borger 1340 feet from south/north line of section  
 WELL NUMBER 4 400 feet from east/west line of section  
 FIELD Schaben SECTION 25 TWP 19 RG 22W

NUMBER OF ACRES ATTRIBUTABLE TO WELL \_\_\_\_\_ IS SECTION X REGULAR or \_\_\_\_\_ IRREGULAR  
 QTR/QTR/QTR OF ACREAGE \_\_\_\_\_ IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: X NE \_\_\_\_\_ NW \_\_\_\_\_ SE \_\_\_\_\_ SW

**PLAT**

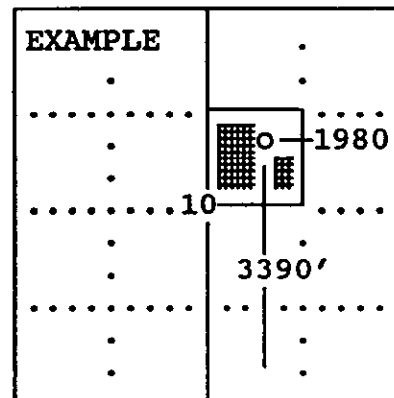
(Show location of the well and shade attributable acreage for prorated or spaced wells.)  
 (Show footage to the nearest lease or unit boundary line.)



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CONSERVATION DIVISION  
 WICHITA, KS



SEWARD CO.

**In plotting the proposed location of the well, you must show:**

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
- 2) the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease or unit boundary line.

MAR 08 2002

CO-7

CONSERVATION DIVISION  
WICHITA, KS

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO AN OIL WELL

State Corporation Commission, Conservation Division  
200 Colorado Derby Bldg. Wichita, Kansas 67202

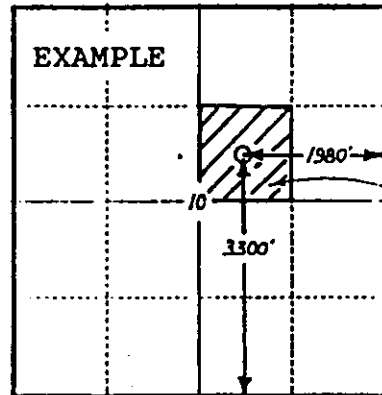
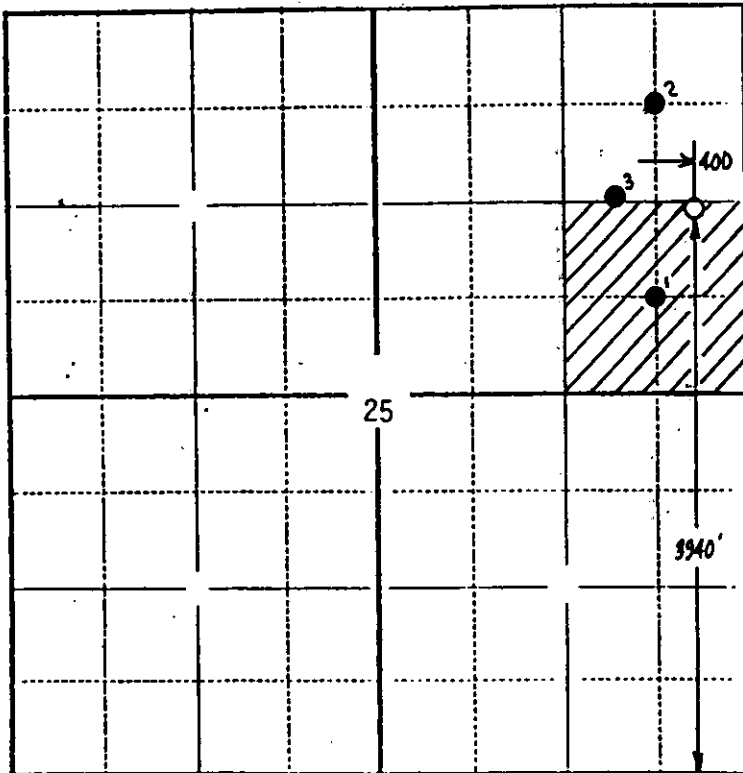
OPERATOR Pickrell Drilling Company, Inc.  
LEASE NAME Borger  
WELL NUMBER 4  
FIELD Schaben  
NUMBER OF ACRES ATTRIBUTED TO WELL \_\_\_\_\_

LOCATION OF WELL:

3940 feet north of SE corner  
400 feet west of SE corner  
25 Sec. 19S T. 22W R. 22  
COUNTY Ness

PLAT

(Show location of well and shade attributable acreage)  
(Show footage to nearest lease or unit boundary line)



40  
ACRES

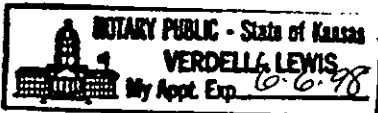
The undersigned hereby certifies that he is Geologist  
for Pickrell Drilling Company, Inc. (Co.), a duly authorized agent, that all  
information shown hereon is true and correct to the best of his knowledge and  
belief, and that all acreage claimed as attributable to the well named herein  
is held by production from that well.

Subscribed and sworn to before me on this 23rd day of Sept., 19 97

*Verdella Lewis*  
Notary Public

My Commission expires 6-06-98

(6-1989)



9/23/97



THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS

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JUL 23 1997  
KAHRS, NELSON, FANNING  
& HITE & KELLOGG

Before Commissioners: Timothy E. McKee, Chair  
Susan M. Seltsam  
John Wine

In the Matter of the Application of )  
PICKRELL DRILLING COMPANY )  
for a Well Location Exception and )  
the Assignment of an Allowable to )  
its **BORGER #4** Oil Well, in the **SCHABEN** )  
**MISSISSIPPI OIL POOL**, in **NESS** County, Ks. )

DOCKET NO. 194,878-C  
(C-28,127)

CONSERVATION DIVISION

LICENSE NO. 5123

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MAR 08 2002

ORDER

CONSERVATION DIVISION  
WICHITA, KS

Now, the above-captioned matter comes on for consideration and determination by the State Corporation Commission of the State of Kansas.

An application was filed on June 10, 1997 for a well location exception and the assignment of an allowable to its **BORGER #4** oil well, in the **SCHABEN MISSISSIPPI OIL POOL** in **NESS** County, Kansas. Notice was published at least fifteen (15) days prior to the granting of this application in the Wichita Eagle newspaper and in the **NESS COUNTY NEWS** newspaper, stating that this matter would be granted without a hearing if no protests were received within fifteen (15) days from publication.

The Commission, after giving consideration to the record and files, makes the following findings and conclusions:

1. The application in this docket was filed pursuant to the rules and regulations of the State Corporation Commission and the Kansas Statutes, and the Basic Proration Order for the **SCHABEN MISSISSIPPI OIL POOL** Field, as amended, thus fulfilling both the regulatory and statutory requirements.

2. Notice was proper in every respect and was published as prescribed by the Commission's rules and regulations; notice was furnished at least fifteen (15) days prior to the granting of the application to all interested parties; there were no protests.

3. The applicant's **BORGER #4** well is located as follows:

1340 Feet from the North Line and 400 Feet from the East Line of Section 25,  
Township 19 South, Range 22 West, Ness County, Kansas.

4. The proposed well location is based on geological information presently available. The location exception is necessary to prevent waste and protect correlative rights. The location is favorable from a structural standpoint and would avoid geologic conditions on the formation which would inhibit production from a prescribed location.

5. The Commission finds that an exception to the well location restrictions under the provisions of the Basic Proration Order for the SCHABEN MISSISSIPPI OIL POOL Field should be granted to prevent waste and to protect correlative rights.

6. The application should be granted in accordance with the above findings.

**IT IS, THEREFORE, BY THE COMMISSION ORDERED:** That the application of **PICKRELL DRILLING CO, INC.** for the assignment of an allowable and for a well location exception for its **BORGER #4** well, be, and the same is hereby granted, and that the well receive a full allowable.

Any party affected by this Order may apply, by written petition, for a hearing thereon before the Commission, pursuant to K.S.A. 77-537. Such petition must be filed with the Director of the Conservation Division, Finney State Office Building, 130 S. Market, Room 2078, Wichita, Kansas 67202, within three (3) days following service of this Order. If a hearing is not requested, this Order shall become effective upon the expiration of the three (3) day time period for requesting a hearing.

The Commission retains jurisdiction of the subject matter and the parties for the purpose of entering such further Order or Orders as from time to time it may deem proper.

BY THE COMMISSION IT IS SO ORDERED.

Seltsam, Chr.; Alexander, Com.; McKee, Com.

Dated: JUL 17 1997

  
Judith McConnell  
Executive Director

Date Mailed: JUL 22 1997

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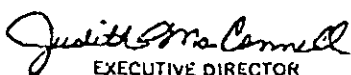
MAR 08 2002

CONSERVATION DIVISION  
WICHITA, KS

I CERTIFY THE ORIGINAL  
COPY IS ON FILE WITH  
The State Corporation Commission

JUL 17 1997

- 2 -

  
EXECUTIVE DIRECTOR

7/17/97

New Application  
Renewal/Authorization  
(Permit No. \_\_\_\_\_)

KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
202 West First  
200 Colorado Derby Building  
Wichita, Kansas 67202-1286

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KANSAS CORPORATION COMMISSION Form CDP-1  
12/91

MAR 08 2002

APPLICATION FOR SURFACE POND

CONSERVATION DIVISION  
WICHITA, KS Submit in Duplicate

FORM MUST BE TYPED

Operator Name <b>Pickrell Drilling Company, Inc.</b>		License No. <b>5123</b>
Operator Address <b>110 N. Market, Suite 205 - Wichita, Kansas 67202</b>		
Contact Person <b>Danny Biggs</b>		Phone No. <b>(316) 793-5742</b>
Lease Name <b>Borger #4</b>	Pit is <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If existing, date constructed _____	Pit Location <b>NE</b> Qtr. Sec. <b>25</b> Twp. <b>19S</b> Rge. <b>22</b> E/W <b>1340</b> Ft from <b>N/S</b> (circle one) Line of Sec <b>400</b> Ft from <b>E/W</b> (circle one) Line of Sec <b>Ness</b> County
Type of Pond: <input type="checkbox"/> Burn Pit <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Treatment Pit <input type="checkbox"/> Workover Pit <input checked="" type="checkbox"/> Drilling Pit (* Supply API No. or year drilled)	Pit capacity <b>1780</b> (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l (For Emergency Pits and Treatment Pits only)
Is Pit bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is pit lined if a plastic liner is not used? <b>Bentonite Sealer.</b>
Pit dimensions (all but working pits): <b>50'</b> Length (ft) <b>50'</b> Width (ft) Depth from ground level to deepest point <b>4'</b> aver. (ft)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. _____ _____		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. _____ _____
Distance to nearest water well within one-mile of pit _____ ft. Depth of water well _____ ft.	Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> other	
EMERGENCY, TREATMENT AND BURN PITS ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pond? <input type="checkbox"/> Yes <input type="checkbox"/> No	DRILLING AND WORKOVER PITS ONLY: Type of material utilized in drilling/workover <b>Fresh</b> Number of working pits to be utilized <b>2</b> Abandonment procedure: <b>Allow to evaporate and backfill when sufficiently dry.</b> Drill pits must be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. <b>9-23-97</b> Date _____ Signature of Applicant or Agent _____		
KCC OFFICE USE ONLY		
Date Rec'd _____	Permit No. _____	Permit Date _____ Lease Inspection <input type="checkbox"/> Yes <input type="checkbox"/> No

9-23-97

New Application  
Reauthorization  
(Permit No. \_\_\_\_\_)

KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
130 S. Market- Room 2078  
Wichita, Kansas 67202

MAR 08 2002

APPLICATION FOR SURFACE POND

CONSERVATION DIVISION  
WICHITA OFFICE  
in Duplicate

FORM MUST BE TYPED

Operator Name Pickrell Drilling Company, Inc.		License No. 5123
Operator Address 110 N. Market, Suite 205 - Wichita, Kansas 67202		
Contact Person Danny Biggs		Phone No. (316) 793-5742
Lease Name Borger #4	Pit is <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If existing, date constructed _____	Pit Location NE <u>4</u> tr. Sec. <u>25</u> Twp. <u>19S</u> Rge. <u>22</u> E/W <u>1340</u> Ft from <u>N/S</u> (circle one) Line of Sec <u>400</u> Ft from <u>E/W</u> (circle one) Line of Sec Ness _____ County
Type of Pond: <input type="checkbox"/> Burn Pit <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Treatment Pit <input type="checkbox"/> Workover Pit <input checked="" type="checkbox"/> Drilling Pit (If WP Supply API No. or Year Drid. _____)	Pit capacity <u>1780</u> (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l (For Emergency Pits and Treatment Pits only)
Is Pit bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is pit lined if a plastic liner is not used? Bentonite Sealer.
Pit dimensions (all but working pits): <u>50'</u> Length (ft) <u>50'</u> Width (ft) Depth from ground level to deepest point <u>4'</u> aver. (ft)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. _____ _____		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. _____ _____
Distance to nearest water well within one-mile of pit _____ ft. Depth of water well _____ ft.	Depth to shallowest fresh water _____ feet. Source of information: _____ measured _____ well owner _____ electric log _____ KDWR	
EMERGENCY, TREATMENT AND BURN PITS ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pond? <input type="checkbox"/> Yes <input type="checkbox"/> No	DRILLING AND WORKOVER PITS ONLY: Type of material utilized in drilling/workover <u>Fresh</u> Number of working pits to be utilized <u>2</u> Abandonment procedure: <u>Allow to evaporate and backfill when sufficiently dry.</u> <u>Drill pits must be closed within 365 days of spud date.</u>	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  January 20, 1998 Date _____  Signature of Applicant or Agent <u>Larry J. Richardson</u> Signature of Applicant or Agent Larry J. Richardson		
KCC OFFICE USE ONLY		
Date Rec'd _____	Permit No. _____	Permit Date _____ Lease Inspection <input type="checkbox"/> Yes <input type="checkbox"/> No

1-20-98

106/51

STATE CORPORATE COMMISSION OF KANSAS, CONSERVATION DIVISION

MAR 08 2002

PRODUCTIVITY TEST BARREL TEST

CONSERVATION DIVISION WICHITA, KS

OPERATOR Pickell Drilling LOCATION OF WELL E 5 5 2 NE 2  
 LEASE Borgess OF SEC. 25 T 19 R 22  
 WELL NO. A 4 COUNTY Lea  
 FIELD Schalen PRODUCING FORMATION Miss.  
 Date Taken 5-18-98 Date Effective 5-18-98  
 Well Depth 4372 Top Prod. Form Miss Perfs Open Hole  
 Casing: Size 5 1/2" Wt. 14 # Depth 4359 Acid \_\_\_\_\_  
 Tubing: Size 2 7/8" Depth of Perfs \_\_\_\_\_ Gravity 38  
 Pump: Type Insert Bore 2 1/2 X 1 1/2 X 14' Purchaser Lea  
 Well Status Pumping  
 Pumping, flowing, etc.

TEST DATA

Permanent \_\_\_\_\_ Field \_\_\_\_\_ Special \_\_\_\_\_  
 Flowing \_\_\_\_\_ Swabbing \_\_\_\_\_ Pumping X

STATUS BEFORE TEST:

PRODUCED \_\_\_\_\_ HOURS  
 SHUT IN \_\_\_\_\_ HOURS  
 DURATION OF TEST \_\_\_\_\_ HOURS \_\_\_\_\_ MINUTES \_\_\_\_\_ SECONDS  
 GAUGES: WATER \_\_\_\_\_ INCHES \_\_\_\_\_ PERCENTAGE  
 OIL \_\_\_\_\_ INCHES \_\_\_\_\_ PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 49 BB1  
 WATER PRODUCTION RATE (BARRELS PER DAY) 9 BB1 ✓  
 OIL PRODUCTION RATE (BARRELS PER DAY) 40 BB1 ✓  
 STROKES PER MINUTE 10 PRODUCTIVITY  
 LENGTH OF STROKE 52" INCHES  
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.  
 COMMENTS \_\_\_\_\_

WITNESSES:

Michael Maier FOR STATE  
Edmond FOR OPERATOR  
 \_\_\_\_\_ FOR OFFSET

KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
130 S. Market - Room 2078  
Wichita State Office Building  
Wichita, Kansas 67202

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MAR 08 2002

CLOSURE OF SURFACE POND

CONSERVATION DIVISION  
WICHITA, KS

Operator Name Pickrell Drilling Company, Inc.	License No. 5123
Operator Address 110 N. Market, Suite 205	Wichita, Kansas 67202
Contact Person Danny Biggs	Phone Number ( 316 ) 793-5742
Permit Number (API# if applicable) 15-135-24,048	Lease Name #4 Borger.
Type of Pond:  <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Treatment Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit	Pit Location Sec <u>25</u> Twp <u>19S</u> S Rng <u>22</u> <u>E/W</u> <u>1340</u> Ft from <u>N/S</u> Line of Sec. (circle one) <u>400</u> Ft from <u>E/W</u> Line of Sec. Ness _____ County

Date of closure: 8-28-98

Was an artificial liner used?  Yes  No.

If no, how were the sides and bottom sealed to prevent downward migration of the pit contents? Bentonite Sealer.

Abandonment procedure of pond: Allow to evaporate and backfill when sufficiently dry.

The undersigned hereby certifies that he/she is Exploration Manager for Pickrell Drilling Co. Inc. (Co.), a duly authorized agent, that all information shown hereon is true and correct to the best of his knowledge and belief.

Subscribed and sworn to before me on this 14th day of September, 1998

*Verdella Lewis*  
Verdella Lewis  
Notary Public

Subscribed and sworn to before me on this 14th day of September, 1998  
VERDELLA LEWIS  
My Appt. Exp. 6-6-2002

My Commission expires 6-06-2002