

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

Operator: License # 5123

API No. 15 - 15-033-21,294

Name: Pickrell Drilling Company, Inc.

County: Comanche

Address: 100 S. Main, Suite 505

E/2 SW SW Sec. 3 Twp. 32S S. R. 19  East  West

City/State/Zip: Wichita, Kansas 67202

660' feet from S N (circle one) Line of Section

Purchaser: N.C.R.A.

990' feet from E W (circle one) Line of Section

Operator Contact Person: Larry J. Richardson

Footages Calculated from Nearest Outside Section Corner:

Phone: (316) 262-8427

(circle one) NE SE NW SW

Contractor: Name: Company Tools

Lease Name: Bird "N" Well #: 1

License: 5123

Field Name: Wildcat

Wellsite Geologist: Kevin Davis

Producing Formation: Marmaton & Mississippi

Designate Type of Completion:

Elevation: Ground: 2087 Kelly Bushing: 2092

New Well  Re-Entry  Workover

Total Depth: 6250 Plug Back Total Depth: 5390'

Oil  SWD  SIOW  Temp. Abd.

Amount of Surface Pipe Set and Cemented at 5420' KB Feet

Gas  ENHR  SIGW

Multiple Stage Cementing Collar Used?  Yes  No

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If yes, show depth set \_\_\_\_\_ Feet

If Workover/Re-entry: Old Well Info as follows:

Alternate II completion, cement circulated from \_\_\_\_\_

Operator: \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Drilling Fluid Management Plan see 1 En 4-7-03  
(Data must be collected from the Reserve Pit)

Deepening  Re-perf.  Conv. to Enhr./SWD

Chloride content 8,000 ppm Fluid volume 400 bbls

Plug Back  Plug Back Total Depth

Dewatering method used Hauled off site.

Commingled  Docket No. \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Operator Name: Star Resources

Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

Lease Name: #20-9 Currier License No.: 38389

1-16-02 1-31-02 3-07-02

Quarter E/2 Sec. 20 Twp. 32S S. R. 18  East  West

Spud Date or Recompletion Date

County: Comanche Docket No.: D-27,668

Date Reached TD

Completion Date or Recompletion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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. Sebitt  
C.W. Sebitt

Title: President Date: 4-02-02

Subscribed and sworn to before me this 2nd day of April

Notary Public: Verdella Lewis

Date Commission Expires: 6-06-2002

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

NOTARY PUBLIC - State of Kansas  
**VERDELLA LEWIS**  
My Appt. Exp. 6-6-02

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Bird "N" Well #: 1  
 Sec. 2 Twp. 32S S. R. 19W  East  West County: Comanche

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

CNL-DNS  
 DILL  
 MLL  
 SONIC

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner	4322(-2230)	Kinderhook 5805(-3713)
Lansing	4525(-2433)	Maquoketa 5881(-3789)
Drum	4714(-2622)	Viola 5932(-3840)
Stark	4818(-2726)	Simpson 6047(-3955)
Altamont P	5025(-2933)	Arbuckle 6198(-4106)
Pawnee	5072(-2980)	LTD 6258(-4166)
Cherokee	5115(-3023)	
Mississ	5190(-3098)	
Warsaw	5428(-3336)	
Osage	5500(-3408)	

**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	# Sacs Used	Type and Percent Additives
Conductor Csg	17 1/2"	13 3/8"	48#	189'KB	Class A	300sx	2%Gel, 3% CC
Surface Csg.	12 1/4"	8 5/8"	24# New	686'KB	Lite, Class A	335sx	3%CCw/1/4#FC/sx
Prod. Casing	7 7/8"	4 1/2"	10.5#	5420'KB	Class A	200sx	10% salt

**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
4	5027-5031	A-500 gal. 15%	5027-5031

<b>TUBING RECORD</b>	Size 2 3/8"	Set At 5058	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 3-07-02	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 92	Gas Mcf 50	Water Bbls. 50	Gas-Oil Ratio 543	Gravity 40
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Disposition of Gas **METHOD OF COMPLETION** Production Interval **5027-5031 (Altamont)**

Vented  Sold  Used on Lease (\*)  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify)

(\*) = Gas contract negotiated and expect to begin line construction within 10 days.

**Release**  
**PICKRELL DRILLING COMPANY, INC.**  
 100 SOUTH MAIN - SUITE 505  
 WICHITA, KANSAS 67202-3738  
 (316) 262-8427  
**KCC**

ORIGINAL

CONFIDENTIAL

#1 Bird "N"  
 E/2 SW SW  
 Section 3-32S-19W  
 Comanche County, Kansas  
 Operator: Pickrell Drilling Company, Inc.

APR 2 2002  
 4-2-02  
**CONFIDENTIAL**  
 Projected RTD: 6100

API#: 15-033-21,294 - 0800  
 660' From South Line of Section  
 990' From West Line of Section  
 ELEV: 2092' KB, 2090' DF, 2087' GL  
 Contractor: Pickrell Drilling Co. Inc. Rig #1

**PLEASE KEEP ALL INFORMATION CONFIDENTIAL - TITE HOLE**

- 1-16-02: MIRT. Prep to spud.
- 1-17-02: (On 1-16) Spud @ 10:00 PM. Drilled 17 1/2" hole to 200'. Sand from 45'-160'. (On 1-17) Currently running 13 3/8" 48# Conductor Casing set @ 189'.
- 1-18-02: (On 1-17) Set 4 jts. of New 13 3/8" 48# Conductor Casing set @ 189', cmt w/ 300sx of Class A cmt, 2% gel, 3% CC. PD @ 9:45 AM on 1-17-02. WOC. Started Drlg. 12 1/4" hole to 691'. Lost circ. @ 520', regained circ. @ 600'. SHT @ 691' was 1 degree. Ran 15 jts. of New 8 5/8" 24# Casing set @ 686' KB, cmt w/235sx of Lite, 3% CC w/1/4# FC/sx, followed by 100sx of Class A, 2% gel, 3% CC. PD @ 3:15 AM on 1-18. Did Not circ. Cmt down back side w/100sx of Class A, 2% gel, 3% CC. Filled to surface. Completed @ 6:00 AM on 1-18-02. WOC.
- 1-21-02: (On 1-19) Drlg. ahead @ 1735'. (On 1-20) Drlg. ahead @ 2518'. (On 1-21) Drlg. ahead @ 3143'. SHT @ 2674' was 3/4 degree.
- 1-22-02: Drlg. ahead @ 3795'. SHT @ 3267' was 1/2 degree.
- 1-23-02: Drlg. ahead @ 4490'.
- 1-24-02: Drlg. ahead @ 4965'.
- 1-25-02: On btm w/test @ 5050'. DST #1 5019-5050' (Alt), 30"-60"-60"-90", GTS/6", GA 242 MCF/8", 27 MCF/12", 41 MCF/20", 38 MCF/30", 2<sup>nd</sup> Op 27 MCF/10", 31 MCF/20", 35 MCF/30", 38 MCF/40", 40 MCF/50-60" w/spray condensate T/O. Reversed out 2900' clean oil (39 degree API), no water. ... Rec: 2560' GCO, 120' MW w/oil spks, 180' SW. CI 47,000. 39 degrees @ 52 degrees, corrected to 40 degrees API. IFP 203-355#, ISIP 1730#, FFP 375-738#, FSIP 1718#. Temp 128 degrees.
- 1-28-02: (On 1-26) Prep to run DST #2 @ 5260'. (On 1-27) Drlg. ahead @ 5400'. DST #2 5190-5260 (Miss), 30"-60"-30"-60", GTS/2 1/2", 1<sup>st</sup> Op Ga: 1082/10", 1,229/20", 1242/30"; 2<sup>nd</sup> Open Ga: 1242/10", 1256/20", 1242/30", Rec: 300' GCM w/SSO. IFP 300-294#, ISIP 1796#, FFP 319-290#, FSIP 1764#. (On 1-28) Drlg. ahead @ 5625'.

**RECEIVED**  
 APR 03 2002  
**KCC WICHITA**

**SAMPLE TOPS**

Heebner	4320 (-2228)
Lansing	4522 (-2430)
Stark	4818 (-2726)
Altamont	5021 (-2929)
Pawnee	5062 (-2970 )
Fort Scott	5100 (-3008)
Cherokee	5111 (-3020)
Mississippian	5190 (-3098)
Warsaw	5353 (-3261)
Maquoketa	5804 (-3712)
Viola (?)	5884 (-3792)
Simpson dolomite (?)	6042 (-3950)
RTD	6250 (-4158)

**LOG TOPS**

Heebner	4322 (-2230)
Lansing	4525 (-2433)
Drum	4714 (-2622)
Stark	4818 (-2726)
Altamont Por.	5025 (-2933) Por. Appx 10ft thick
Pawnee	5072 (-2980)
Cherokee	5115 (-3023)
Mississippian	5190 (-3098)
Warsaw	5428 (-3336)
Osage	5500 (-3408)
Kinderhook	5805 (-3713)
Maquoketa	5881 (-3789)
Viola	5932 (-3840)
Simpson	6047 (-3955)
Arbuckle	6198 (-4106)
LTD	6258 (-4166)

# ALLIED CEMENTING CO., INC.

09030

Federal Tax I.D.# 48-0727860

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

15-033-21294-0000

SERVICE POINT:

Medicine Hat, D.C.

DATE	1-31-02	SEC	3	TWP	32S	RANGE	19W	CALLED OUT	6:00 P.M.	ON LOCATION	7:30 P.M.	JOB START	2:10 AM	JOB FINISH	2:55 A.M.
LEASE	Bird N		WELL #	#1		LOCATION	Coldwater Kremec			COUNTY	Comanche		STATE	KS	
OLD OR NEW	(Circle one)		NEW		2W 1/2 N 3/4 W N10T0										

CONTRACTOR Pickrell #1 OWNER Pickrell Drly. Co.  
TYPE OF JOB Pond CSG

HOLE SIZE	7/8	T.D.	6250
CASING SIZE	4 1/2	DEPTH	5424
TUBING SIZE		DEPTH	
DRILL PIPE	4 1/2	DEPTH	6250
TOOL		DEPTH	
PRES. MAX	800	MINIMUM	200
MEAS. LINE		SHOE JOINT	29.30
CEMENT LEFT IN CSG.	29.80 FT		
PERFS.			
DISPLACEMENT	Fresh H <sub>2</sub> O 85 3/4 BBLs		

CEMENT  
AMOUNT ORDERED 200sx Class A +  
10% Salt 255x 60:40:6

COMMON	219	@ 6.65	1429.75
POZMIX	10	@ 3.55	35.50
GEL	1	@ 10.00	10.00
CHLORIDE		@	
ASF	500 Gals	@ 1.00	500.00
SALT	20	@ 7.50	150.00
HANDLING	246	@ 1.10	270.60
MILEAGE	246 x 43	@ .04	423.12

**CONFIDENTIAL**  
**ORIGINAL**

EQUIPMENT  
PUMP TRUCK CEMENTER David W.  
# 302 HELPER Dwayne WCC  
BULK TRUCK  
# 359 DRIVER Chris L.  
BULK TRUCK  
# DRIVER

RECEIVED  
APR 03 2002

TOTAL 2818.97

REMARKS: KCC WICHITA SERVICE

Pipe on bottom break C.M.  
Pump ASF 12 BBLs Plug Rat w/  
15sx cement Plug mouse 10% salt cement  
Pump 200 SX A+ 10% salt shutt  
Down wash pump lines  
Displace w/ Fresh H<sub>2</sub>O slowed  
Rate at 70 BBLs Bump Plug  
float did hold

DEPTH OF JOB	5424		
PUMP TRUCK CHARGE			1340.00
EXTRA FOOTAGE		@	
MILEAGE	43	@ 3.00	129.00
PLUG RUBBER	4 1/2"	@ 12.00	48.00
		@	
		@	

TOTAL 1577.00

CHARGE TO: Pickrell Drly. Co.  
STREET P.O. Box 1303  
CITY GREAT BEND STATE KANSAS ZIP 67530

FLOAT EQUIPMENT

1-Guide Shoe	125.00	125.00
1-AFU INSERT	@ 235.00	235.00
1-Basket	@ 116.00	116.00
5-Centralizers	@ 45.00	225.00
	@	
	@	

TOTAL 701.00

Release  
MAY 13 2004  
From  
Confidential

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

15-033-21294-0000

# ALLIED CEMENTING CO., INC.

09011

Federal Tax I.D.# 48-0727860

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

Release

ORIGINAL

SERVICE POINT:

Med. Lodge, KS

MAY 13 2004

DATE 1-17-02	SEC. 3	TWP. 32 S	RANGE From	CALLER OUT TO 8 PM	ON LOCATION 10 <sup>30</sup> PM	JOB START 2 <sup>30</sup> AM	JOB FINISH 6 <sup>00</sup> AM
LEASE Bird "N"	WELL # 1	LOCATION Coldwater Kremece 2w, 1/2 N, 1/2 W, N/5			COUNTY Comanche	STATE KS	
OLD OR NEW (Circle one)							

CONTRACTOR Pickrell Drilling Co

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 681

CASING SIZE 8 5/8 DEPTH 686'

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 681

TOOL DEPTH

PRES. MAX MINIMUM 0

MEAS. LINE 200 SHOE JOINT 42.76

CEMENT LEFT IN CSG. 42.76 KCC

PERFS. 4-2-02

DISPLACEMENT 4 3/4 APR 2 2002

OWNER Pickrell Drilling Co

CEMENT CONFIDENTIAL

AMOUNT ORDERED 1000<sup>00</sup> 65.35' 6 + 3% cc + 1/4" flo seal, 2005<sup>00</sup> Class A + 3% cc + 2% gel

EQUIPMENT CONFIDENTIAL

PUMP TRUCK CEMENTER Mike / Carl

# 265 HELPER Steve

BULK TRUCK

# 353 DRIVER Chris

BULK TRUCK

# DRIVER

COMMON A	200	@	6.65	1330.00
POZMIX		@		
GEL	4	@	10.00	40.00
CHLORIDE	15	@	30.00	450.00
AKW	235	@	6.30	1480.50
FLO-SEAL	59 #	@	1.40	82.60
		@		
		@		
		@		
HANDLING	466	@	1.10	512.60
MILEAGE	466 x 43		.04	801.52
TOTAL				4697.22

RECEIVED  
APR 0 3 2004

REMARKS: KCC WICHITA

Pipe on bottom, break Circ. 2<sup>35</sup> AM

2<sup>45</sup> AM start cement 65.35' 6 + 3% cc + 1/4" flo seal.

3<sup>00</sup> AM start 1000<sup>00</sup> Class A 3% cc + 2% gel. 3<sup>55</sup> AM

Stop pumps Release Plug Pump 4 3/4 bbls bump

Plug, shut in. Cement did not Circ. Ran 80 ft 1-inch

4<sup>00</sup> AM Start pumps, pumped 500<sup>00</sup> 4 1/2 AM Stop

pump still no cement, wait 1-hour Pump another

500<sup>00</sup> Class A 3% cc, 2% gel circulate to surface

DEPTH OF JOB	686			
PUMP TRUCK CHARGE	0 = 300'			520.00
EXTRA FOOTAGE	386'	@	.50	193.00
MILEAGE	43	@	3.00	129.00
PLUG	8 5/8" TRP	@	100.00	100.00
		@		
		@		
TOTAL				942.00

CHARGE TO: Pickrell Drilling Co

STREET P.O. Box 1303

CITY GREAT BEND STATE KANSAS ZIP 67530

### FLOAT EQUIPMENT

1-baffle Plate	@	45.00	45.00
2-baskets	@	180.00	360.00
	@		
	@		

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

TOTAL 405.00

# ALLIED CEMENTING CO., INC.

09010

Federal Tax I.D.# 48-0727860

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

Release

SERVICE POINT:

Med. Lodge, KS

MAY 13 2004

DATE	1-17-02	SEC.	3	TWP.	32 S	RANGE	From Confidential	CALLED OUT	2 <sup>00</sup> AM	ON LOCATION	4 <sup>00</sup> AM	JOB START	9:20 AM	JOB FINISH	9:45 AM
LEASE	Bird 'N'	WELL #	1	LOCATION	Coldwater Kremee, 2w, 1/2 N,			COUNTY	Comanche	STATE	KS				
OLD OR (NEW)	(Circle one)			1/2 W N/S											

CONTRACTOR Pickrell Drilling Co

TYPE OF JOB Conductor

HOLE SIZE 17 1/2 T.D. 20'

CASING SIZE 13 3/8 DEPTH 189

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 201

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 200 MINIMUM 0

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15' KCC

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Pickrell Drilling Co

CEMENT

AMOUNT ORDERED 300sx class A + 3% cc + 2% gel

COMMON A	<u>300</u>	@	<u>6.65</u>	<u>1995.00</u>
POZMIX		@		
GEL	<u>5</u>	@	<u>10.00</u>	<u>50.00</u>
CHLORIDE	<u>11</u>	@	<u>30.00</u>	<u>330.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike / Kevin

# 265 HELPER Steve - D.

BULK TRUCK DRIVER ED. R.

# 363

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_

CONFIDENTIAL

ORIGINAL

HANDLING	<u>316</u>	@	<u>1.10</u>	<u>347.60</u>
WEARAGE	<u>316 x 43</u>	@	<u>.04</u>	<u>543.52</u>

TOTAL 3266.12

RECEIVED

APR 03 2002

KCC WICHITA

REMARKS:

Pipe on bottom, break circ. with Pump truck 9<sup>20</sup> AM, Start 300sx class A 3% cc + 2% gel / 15.2 cement 9<sup>20</sup> AM Start Disp. Pump 27 bbl fresh h<sup>20</sup> 9<sup>45</sup> AM, Shut in 9<sup>50</sup> AM, Cement did circulate

SERVICE

DEPTH OF JOB	<u>189'</u>		
PUMP TRUCK CHARGE			<u>570.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>43</u>	@	<u>3.00</u> <u>129.00</u>
PLUG		@	

TOTAL ~~646.00~~  
649.00

CHARGE TO: Pickrell Drilling Co

STREET P.O. Box 1303

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 \_\_\_\_\_

4-2-2004

**PICKRELL DRILLING COMPANY, INC.**

100 SOUTH MAIN - SUITE 505  
WICHITA, KANSAS 67202-3738  
(316) 262-8427

*New Pool*

Release  
MAY 13 2004  
From  
Confidential

**CONFIDENTIAL**

ORIGINAL

April 2, 2002

KCC

APR 2 2002  
4-2-02  
CONFIDENTIAL

State Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, Kansas 67202-3802

Re: #1 Bird "N"  
E/2 SW SW  
Sec. 3-32S-19W  
Comanche County, Kansas  
API#: 15-033-21,294 - ~~0000~~

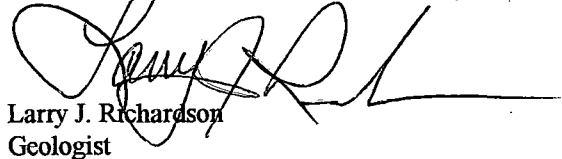
TO WHOM IT MAY CONCERN:

Please be advised that the above referenced well is to be held **CONFIDENTIAL**.

Thank you for your assistance in this matter.

Yours truly,

**PICKRELL DRILLING COMPANY, INC.**

  
Larry J. Richardson  
Geologist

LJR:dl

RECEIVED  
APR 03 2002  
KCC WICHITA