

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: Western Resources

Operator Contact Person: Larry J. Richardson

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Billy G. Klaver

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIGW  Temp. Abd.  
 Gas  ENHR  SIGV  
 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 \_\_\_\_\_ PBDT  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

9-18-97 9-25-97 12-12-97  
 Spud Date Date Reached TD Completion Date  
 (W/O P.L. Hookup)

API NO. 15- \_\_\_\_\_

County Kingman

50'S. W/2. NW. SW Sec. 35 Twp. 30S Rge. 9 X E

1930 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name Lee Well # 3

Field Name Spivey-Grabs

Producing Formation Mississippian

Elevation: Ground 1704 KB 1709

Total Depth 4458' PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 220' KB Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 4457

feet depth to 3841 w/ 125 ex cat.

Drilling Fluid Management Plan ALT 1 JK 2-16-98  
 (Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 400 bbls

Dewatering method used 12-18-97

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

Operator Name \_\_\_\_\_

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 [Signature]

Title C. W. Sebitts - President Date 12-17-97

Subscribed and sworn to before me this 17th day of December, 19 97.

Notary Public [Signature]

**K.C.C. OFFICE USE ONLY**

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

**Distribution**

KCC  SMD/Rep  NGPA  
 KGS  Plug  Other  
 (Specify)



1111100

Operator Name Pickrell Drilling Co. Inc.

Lease Name Lee

Well # 3

Sec. 35 Twp. 30S Rge. 9

East  
 West

County Kingman

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:  
None

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	3469 (-1760)	
Lansing	3689 (-1980)	
Stark	4103 (-2394)	
Base/Kansas City	4211 (-2502)	
Cherokee	4346 (-2637)	
Miss Chert	4407 (-2698)	

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#	220' KB	60-40 poz	165sx	2%gel, 3%CC
Production Csg	7 7/8"	4 1/2"	10.5#	4457'	ASC	125sx	5#gil & 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2	4412-4427	A 750 gal. 10%, Frac w/35000# 4412-4427 12/20 sd in 21000 GSW

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4410		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. Wait on P.L. conn. 12-12-97 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	36	3.62		

Disposition of Gas: Wait on P.L. hookup

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

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
Production Interval 4412-4427

# ORIGINAL

## PICKRELL DRILLING COMPANY, INC.

#3 Lee  
50' S. of W/2 NW SW  
Section 35-30S-9W  
Kingman County, Kansas

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

API#: 15-095-21,733  
1930' From South Line of Section  
330' From West Line of Section  
ELEV: 1709' KB, 1707' DF, 1704' GL

09-17-97: MIRT.

09-18-97: Will Spud today.

09-19-97: (On 9-18) Spud @ 7:45 AM. Ran 5 jts. of New 8 5/8" 20# Csg. set @ 220'KB, cmt w/165sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 12:15 PM on 9-18-97. (On 9-19) Drlg. @ 575'.

09-22-97: (On 9-20) Drlg. @ 2120'. (On 9-21) Drlg. @ 3055'. (On 9-22) Drlg. @ 3895'.

09-23-97: Drlg. @ 4350'.

09-24-97: (On 9-23) DST #1 4410-27'. Lost Circ. @ 4427'. Regained circ. @ 8:45 PM. (On 9-24) DST #1 4410-27', 30"-60"-90"-90".

09-25-97: TD 4458'. Lost circ., attempting to regain. DST #1 4410-27', 30"-60"-90"-90", Rec: 40' SWCM (94% M), 120' MCW (80% W), IFP 51-61#, ISIP 172#, FFP 61-81#, FSIP 152#.

09-26-97: RTD 4458'. Ran 109 jts. of Used 4 1/2" 10.5# Csg. set @ 6" off btm. @ 4457.5', cmt w/125sx of ASC w/5# gil & 1/4# FS/sx. PD @ 6:30 PM on 9/25-97. Plugged RH w/15sx 60-40 poz. WOCT.

09-29-97: WOCT.

09-30-97: WOCT.

10-27-97: On 10/23 Ran GR-N and Cement Bond Log. PBTD 4438'. Good bond at top of and above Miss. Probable top of good cement at 3842. Continue to WOCT.

10-30-97: On 10/29 MICT. Will perforate this A.M.

10-31-97: On 10/30 Swabbed well down to 4250'. Perforated Miss. interval 4412-4427 w/2 SPF. Swabbed on to btm. No show. S.D.F.N. This A.M. (10/31) ran swab, had 300 ft. gas in pipe. Fraced well down casing using 25# Delta Frac as carrying agent as follows: Pumped 750 gal. 10% NE-FE acid, 9000 gal. pad, 21000 gal w/35000# of 12/20 sd., flushed w/3000 gal. treated fresh water. Max. P. 1095#. ATP 640# at ATR 23.3 BPM. ISIP 190#. Vac. in 3 min. S.D. until Monday (11/3).

11-03-97: After frac treatment on 10/30 left well S.I. over weekend.

### SAMPLE TOPS

Heebner	3469 (-1760)
Lansing	3689 (-1980)
Stark	4103 (-2394)
Base/Kansas City	4211 (-2502)
Cherokee	4346 (-2637)
Mississippian Chert	4407 (-2698)
RTD	4458'

RECEIVED  
KANSAS CORP. CO. 11  
1997 DEC 18 10 24 18

# ALLIED CEMENTING CO., INC. 6357

PO. BOX 31  
RUSSELL, KANSAS 67665

## ORIGINAL

SERVICE POINT:  
med. lodges

DATE <u>9-25-97</u>	SEC. <u>35</u>	TWP. <u>30S</u>	RANGE <u>9W</u>	CALLED OUT <u>9:00 A.M.</u>	ON LOCATION <u>2:00 P.M.</u>	JOB START <u>5:00 P.M.</u>	JOB FINISH <u>7:30 P.M.</u>
LEASE <u>Lee</u>	WELL # <u>3</u>	LOCATION <u>Keystone Church, 1/2 mi. E/S</u>			COUNTY <u>Kingman</u>	STATE <u>Ks.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Co. Tools

TYPE OF JOB Prod. Csg.

HOLE SIZE 7 7/8 T.D. 44.58'

CASING SIZE 4 1/2 x 10.5 DEPTH 44.57

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

PRES. MAX 1350 MINIMUM 300

MEAS. LINE 4462' SHOE JOINT 12'

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

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

OWNER Pickrell Drng.

CEMENT

AMOUNT ORDERED 125sxs. Class A csg +  
5# Kol-Seal + 1/4# Flo-Seal 15sxs. 60/40  
4% Gel

COMMON <u>A</u>	<u>134</u>	@ <u>6.35</u>	<u>850.90</u>
POZMIX	<u>6</u>	@ <u>3.25</u>	<u>19.50</u>
GEL	<u>1</u>	@ <u>9.50</u>	<u>9.50</u>
CHLORIDE		@	
		@	
<u>Kol-Seal</u>	<u>625#</u>	@ <u>.38</u>	<u>237.50</u>
<u>Flo-Seal</u>	<u>31#</u>	@ <u>1.15</u>	<u>35.65</u>
		@	
		@	
HANDLING	<u>140</u>	@ <u>1.05</u>	<u>147.00</u>
MILEAGE	<u>140</u>	<u>X20</u>	<u>.04</u>

TOTAL \$1412.05

### EQUIPMENT

PUMP TRUCK CEMENTER LARRY Drilling

# 266 HELPER Justin Hart

BULK TRUCK

# 301 DRIVER John Kelley

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

### REMARKS:

Pipe on Bottom. Break Circ.  
mixt Pump 15sxs. 60/40/4% Gel  
Rathole. Cement 125sxs. Class A +  
Asc + 5# Kol-Seal + 1/4# Flo-Seal. Cement  
In. Washout Pump + lines. Release  
Plug. Chase Plug. in wire line + Displace  
7) Bbs. Fresh Ho. Bump Plug. Float Hold

### SERVICE

DEPTH OF JOB	<u>44.57'</u>		
PUMP TRUCK CHARGE			<u>1145.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@ <u>2.85</u>	<u>57.00</u>
PLUG Rubber	<u>4 1/2"</u>	@ <u>38.00</u>	<u>38.00</u>
		@	
		@	

TOTAL \$1240.00

CHARGE TO: Pickrell Drng.

STREET P.O. Box 1303

CITY Great Bend STATE KANSAS ZIP 67530

### FLOAT EQUIPMENT

1-AFU Insert	@ <u>235.00</u>	<u>235.00</u>
1-Basket	@ <u>129.00</u>	<u>129.00</u>
	@	
	@	

TOTAL \$364.00

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 \$3016.05

DISCOUNT \$452.40 IF PAID IN 30 DAYS

Net \$2563.65

SIGNATURE [Signature] Don Anderson

# ALLIED CEMENTING CO., INC. 6353

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

## ORIGINAL

SERVICE POINT:  
med. Lodge, ks

DATE <u>9-18-97</u>	SEC. <u>35</u>	TWP. <u>30S</u>	RANGE <u>9W</u>	CALLED OUT <u>8:30A.M.</u>	ON LOCATION <u>10:00A.M.</u>	JOB START <u>11:30A.M.</u>	JOB FINISH <u>12:30P.M.</u>
LEASEE <u>Lee</u>	WELL# <u>3</u>	LOCATION <u>Keystone Church, 1/2 N. E/S</u>		COUNTY <u>Kingman</u>	STATE <u>KS.</u>		

OLD OR NEW (Circle one)

CONTRACTOR Pickrell Drilling Co.  
 TYPE OF JOB Surface Csg.  
 HOLE SIZE 12 1/4 T.D. 224  
 CASING SIZE 8 5/8 x 20 DEPTH 223'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 300 MINIMUM 150  
 MEAS. LINE SHOE JOINT 44.24  
 CEMENT LEFT IN CSG.  
 PERFS.

OWNER Pickrell Drilling Co.  
 CEMENT

AMOUNT ORDERED 16.55 x 60/40/3% A/C 2  
2% Gel

COMMON A	<u>99</u>	@	<u>6.35</u>	<u>628.65</u>
POZMIX	<u>66</u>	@	<u>3.25</u>	<u>214.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>

### EQUIPMENT

PUMP TRUCK CEMENTER Harry Drilling  
 # 233-302 HELPER Justin Hart  
 BULK TRUCK  
 # 301 DRIVER Randic Landwehr  
 BULK TRUCK  
 # DRIVER

HANDLING 168 @ 1.05 173.25  
 MILEAGE 16.5 x 20 @ .04 132.00

TOTAL \$ 1316.90

### REMARKS:

### SERVICE

Cement Surface  
 mix + Pump 16.55 x 60/40/3% A/C 2  
+ 2% Gel. Cement In. Stop Pumps.  
Release Plug. Pump + Displace  
Plug w/ 12 Bbs. Fresh H<sub>2</sub>O.  
Bump Plug. Shut In.  
Cement Circ. to Surface

DEPTH OF JOB	<u>223'</u>			
PUMP TRUCK CHARGE	<u>2-30'</u>			<u>470.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>2.85</u>	<u>57.00</u>
PLUG <u>wooden 8 5/8</u>		@	<u>15.00</u>	<u>15.00</u>

TOTAL \$ 572.00

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

### FLOAT EQUIPMENT

1-Baffle Plate	@	<u>135.00</u>	<u>135.00</u>
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TOTAL \$ 135.00

TAX \_\_\_\_\_

TOTAL CHARGE \$ 2023.90

DISCOUNT \$ 303.58 IF PAID IN 30 DAYS

Net \$ 1720.32

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 X Doyle Folkerts DOYLE FOLKERTS