

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, KS 67202

Purchaser: Koch Oil Company

Operator Contact Person: Don Beauchamp

Phone (316) 262-8427

Contractor: Name: Pickrell Drilling Co., Inc.

License: 5123

Wellsite Geologist: Billy G. Klaver

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

7-17-90 7-30-90 8-24-90
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21.554 0000

County Lane
100' W of
NE SW NW Sec. 8 Twp. 18S Rge. 27 East West

3630 Ft. North from Southeast Corner of Section

4390 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

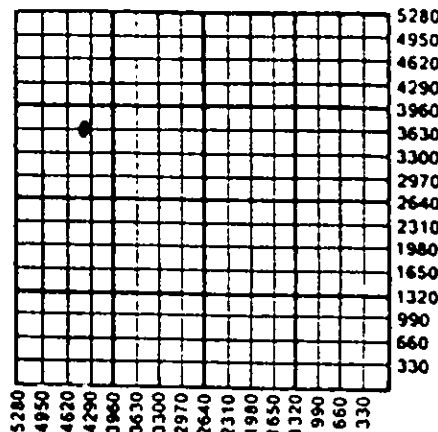
Lease Name Edwards Well # 1-C

Field Name Wildcat

Producing Formation Cherokee Sand

Elevation: Ground 2688 2683 KB 2693 2688

Total Depth 4640' PBTD 4598'



Amount of Surface Pipe Set and Cemented at 267 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2080' Feet

If Alternate II completion, cement circulated from 2080

feet depth to surface w/ 275 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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] [Signature]
Title C.W. Sebitts, President Date 9-06-90

Subscribed and sworn to before me this 6th day of September
19 90.

Notary Public Katherine J. Rule

10-09-1999
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers TimeLog Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)



KATHERINE J. RULE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-1-92

ORIGINAL

SIDE TWO

Operator Name Pickrell Drilling Co., Inc. Lease Name Edwards Well # 1-C
Sec. 8 Twp. 18S Rge. 27 East West
County Lane

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample																																	
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																		
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																		
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		<table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>2052(+636)</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3911(-1223)</td> <td>Miss 4592(-1904)</td> </tr> <tr> <td>Lansing</td> <td>3950(-1262)</td> <td></td> </tr> <tr> <td>Stark</td> <td>4215(-1527)</td> <td></td> </tr> <tr> <td>B/Kansas City</td> <td>4290(-1602)</td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4314(-1626)</td> <td></td> </tr> <tr> <td>Pawnee</td> <td>4391(-1703)</td> <td></td> </tr> <tr> <td>Fort Scott</td> <td>4468(-1780)</td> <td></td> </tr> <tr> <td>Cherokee Shale</td> <td>4492(-1804)</td> <td></td> </tr> <tr> <td>Cherokee Sane</td> <td>4546(-1858)</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	2052(+636)		Heebner	3911(-1223)	Miss 4592(-1904)	Lansing	3950(-1262)		Stark	4215(-1527)		B/Kansas City	4290(-1602)		Marmaton	4314(-1626)		Pawnee	4391(-1703)		Fort Scott	4468(-1780)		Cherokee Shale	4492(-1804)		Cherokee Sane	4546(-1858)	
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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	12 1/4"	8 5/8"	20#	267'	60/40poz	155	2%gel 3%CC
Production	7 7/8"	4 1/2"	10.5#	4629'	60/40	125	
					Salt Sat	75	
"Stage Collar"				2080'	ATZ	275	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4595-4556	Natural	

TUBING RECORD Size 2 3/8 Set At 4570' Packer At _____ Liner Run Yes No

Date of First Production 8-24-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

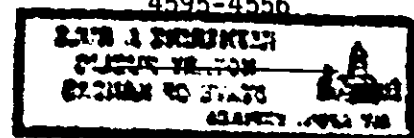
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	120	-0-	-0-		

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

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval 4595-4556

OCT 8 1990



ORIGINAL

SIDE ONE

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

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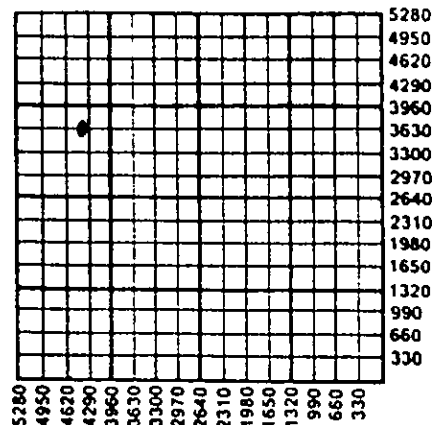
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7-17-90 7-30-90 8-24-90
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,554-00-00
County Lane
100' W of
NE SW NW Sec. 8 Twp. 18S Rge. 27 East West

3630 Ft. North from Southeast Corner of Section
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(NOTE: Locate well in section plat below.)

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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 09-06-90

Subscribed and sworn to before me this 6th day of September
19 90.

Notary Public Kathryn J. Ruel SEP 7 1990
09-07-1990



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
D Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Pickrell Drilling Co., Inc. Lease Name Edwards Well # 1-C
 Sec. 8 Twp. 18S Rge. 27 East West
 County Lane

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.

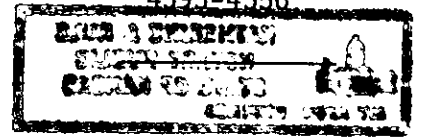
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Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	12 1/4"	8 5/8"	20#	267'	60/40poz	155	2%gel 3%CC
Production	7 7/8"	4 1/2"	10.5#	4629'	60/40 Salt Sat	125 75	
"Stage Collar"				2080'	ATZ	275	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
4	4595-4556 4549 OR ACC			Natural			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
2 3/8	4570'						
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
8-24-90							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	
	120	-0-	-0-				

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

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: 4595-4556



DST #1 4186'-4212'. 30"-30"-30"-30"
Rec 100' GIP, 20' OCM(20% oil) IFP 34#-46#. FFP 46#-57#,
ISIP 729#, FSIP 601#. DST #2 4214'-4242' (K Zone)
30"-30"-30"-30". Rec. 5' mud, IFP 11#-33#, FFP 33#-35#, ISIP 146#,
FSIP 304#.

ORIGINAL

DST #3 4254'-4285'
(L Zone) 30"-30"-30"-30". Rec. 65' OCM (30% oil) IFP 56#-67#, FFP 67#-78#,
ISIP 673#, FSIP 551#.

DST #4 4290'-4315', 30"-30"-30"-30", Rec. 5' mud. IFP 10#-10#, FFP 10#-10#,
ISIP 10#, FSIP 10#.

DST #5 4288'-4398', 30"-30"-30"-30",
Rec. 10' Spt mud. IFP 67#-78#, FFP 78#-78#, ISIP 123#, FSIP 112#.

DST #6 4420'-4505', 30"-60"-90"-90", Rec. 868' GIP, 136'
O+GCM (20% oil, 10% G, 40% m, 30% w), IFP 67-90, ISIP 1228, FFP 90-123, FSIP 1173.

DST #7 4536-4565, 30"-60"-90"-60", Rec. 420' GIP, 1840' gassy oil, 240' mdy oil,
(70% oil-30% mud) No water IFP 90#-360#, FFP 427#-862#, ISIP 1228#,
FSIP 1206#.

#1 Edwards 'C'
100' W of NE SW NW
Sec. 8-18S-27W
Lane County, Kansas

7 1290

3-483-2627, Russell, Kansas
 316-793-5861, Great Bend, Kansas

ORIGINAL Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NO 6993

New

Date	7-29-90	Sec	8	Twp.	18	Range	27	Called Out	3:00 P.M.	On Location	8:00 P.M.	Job Start	11:15 P.M.	Finish	12:30 A.M.
Lease	Edwards	Well No.	C #1	Location	Alamata 2w, la, E link lane			County		State	Ks.				
Contractor	Pickrell Dylg														
Type Job	Production string (Bottom)														
Hole Size	7 7/8	T.D.	4642'												
Csg.	4 1/2 (10 1/2 #)	Depth	4640 4628'												
Tbg. Size		Depth													
Drill Pipe	7"	Depth													
Tool	Buttons	Depth													
Cement Left in Csg.	27'	Shoe Joint	27'												
Press Max.	1000 #	Minimum													
Meas Line		Displace	73.15 bbls												
Perf.															

Owner Same
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To Pickrell Drilling Co., Inc.
 Street 110 N. Market Suite 205
 City Wichita State Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. *[Signature]*
 X *[Signature]*
 CEMENT

EQUIPMENT

No.	Cementer	Steve Kopper
Pumptrk #195	Helper	Jack W.
No.	Cementer	Phil
Pumptrk	Helper	
	Driver	Bill S.
Bulktrk #96		
Bulktrk #199	Driver	Jayson

Amount Ordered	75-cum salt sat.	10 bbl WFR II
Consisting of	125 60/40 3/4 of 10# FRA	
Common	150	5.00 750.00
Poz. Mix	50	2.25 112.50
Gel.		
Chloride	WFR II 420 gal.	.21 88.20
Quickset	FRA-9 #	4.00 36.00
Salt-14		4.75 66.50
Sales Tax		
Handling	200	.90 180.00
Mileage	25	150.00
Sub Total		
Total		1383.20

DEPTH of Job	4630'
Reference:	Pump Truck 838.00
	Mileage 25.00
Sub Total	
Tax	
Total	863.00

Remarks: Displaced w/ 35 bbls fresh water then 36 bbls of mud then lamed plug w/ 2 bbls fresh water

Flooring Equipment

Total \$ 2246.20
 Disc - 449.24
 7 1990
 \$ 1796.96

Float Held! Thank You!

483-2627, Russell, Kansas
316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31 Russell, Kansas 67665

No. 6994

New

Date	Sec	Twp.	Range	Called Out	On Location	Job Start	Finish
7-29-90						1:00 A.M.	1:50 A.M.
Lease Edwards	Well No. C-1			Location Alamogordo, N.M.		County Kane	State KS

Contractor Pickrell Drng	
Type Job Two-stage (Top)	
Hole Size 7 7/8	T.D. 41642
Csg. 4 1/2	Depth 41628'
Tbg. Size	Depth
Drill Pipe	Depth
Tool Baker	Depth 2080'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line <input checked="" type="checkbox"/>	Displace 33.07 bbls
Perf.	

Owner Same

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 listed.

Charge To Pickrell Drilling Co. Inc.
Street 110 N. Market Suite 205
City Wichita State Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. X

Warry Diggins
CEMENT

EQUIPMENT

No.	Cementer	Helper
Pumptrk #195	<u>Steve Klapper</u>	<u>Jack W. Phil</u>
Pumptrk #199	<u>Tayson</u>	
Bulktrk #96	<u>Bill S.</u>	

Amount Ordered	<u>275</u> at <u>ATH 1/4# Flo seal</u>
Consisting of	<u>Per sack</u>
Common	<u>275 ATH 5.25 1443.75</u>
Poz. Mix	
Gel.	
Chloride	
Quickset	
	<u>Flo Seal 68 1.60 40.80</u>
Sales Tax	

DEPTH of Job 2080'	
Reference:	Pump Truck 450.00
Sub Total Tax	
Total	450.00

Handling	<u>275</u>	<u>.90</u>	<u>247.50</u>
Mileage	<u>25</u>		<u>206.25</u>
Sub Total			
Total			<u>1938.30</u>

Remarks: Cement Circulated when plug was 1600' deep landed @ 1500' (Opened tool w/ 1000') released & held

1-4 1/2 - Baker Two-stage Tool #2800.00

Thank You!

7 1990

Total 5188.30
Disc - 1037.66
4150.64

ORIGINAL

ALLIED CEMENTING CO., INC.

N^o 4742

Home Office P. O. Box 31

Russell, Kansas 67865

New

Date	7-17-90	Sec.	8	Twp.	18	Range	27	Called Out	3:30 PM	On Location	5:15 PM	Job Start	7:30 PM	Finish	8:00 PM
Lease	Edwards Well No. 1			Location				Dighton T.E. 1 1/2 N		County	Lawe	State	KS		
Contractor	Pickrell Drlg.														
Type Job	SURFACE														
Hole Size	12 1/4		T.D. 271'												
Cg.	8 5/8		Depth 270'												
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Cg.	15'		Shoe Joint												
Press Max.	Minimum														
Meas Line	NO.		Displace 16.60 16.60												
Perf.															

Owner *Pickrell Drlg.*

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 listed.

Charge To *Pickrell Drlg. Co. Inc.*

Street *110 N. Market Suite 205*

City *Wichita* State *Ks. 67202*

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.

X *Dupe 4/8/82*

CEMENT

Amount Ordered	<i>155 60/40 2% gel 3% cc</i>		
Consisting of			
Common	<i>93</i>	<i>5.00</i>	<i>465.00</i>
Poz. Mix	<i>62</i>	<i>2.25</i>	<i>139.50</i>
Gel.	<i>3</i>	<i>6.75</i>	<i>NE 8.25</i>
Chloride	<i>5</i>	<i>20.00</i>	<i>100.00</i>
Quickset			

EQUIPMENT

No.	Cementer	
<i>46</i>	Helper	<i>Kris Johnny</i>
No.	Cementer	
	Helper	
	Driver	<i>B. H.</i>
<i>199</i>	Driver	

Handling	<i>155</i>	<i>.90</i>	<i>139.50</i>
Mileage	<i>25</i>		<i>116.25</i>
Sub Total			
Total			<i>960.25</i>

DEPTH of Job

Reference:	<i>Pump tak chg</i>	<i>360.00</i>
	<i>Mileage</i>	<i>25.00</i>
	<i>1 8 5/8 TWP</i>	<i>40.00</i>
Sub Total		
Tax		
Total		<i>425.00</i>

Floating Equipment	
TOTAL \$	<i>1385.25</i>
Disc -	<i>277.05</i>
	<i>\$ 1108.20</i>
7 1990	

Remarks: *Cement did circ.*

8 bbl.

Thank you!