

ORIGINAL

15-109-20514-00-00

RELEASED KCC 9-9-1992 8-20 SEP 09 1992 20

SIDE ONE

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

API NO. 15- 109-20,514-00-00 FROM CONFIDENTIAL

County Logan

NW SE NE Sec. 23 Twp. 11S Rge. 33W X East West 3630' Ft. North from Southeast Corner of Section

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

Lease Name Schwartz "E" Well # 2

Field Name

Producing Formation

Elevation: Ground 3112' KB 3117'

Total Depth 4705' PBTD

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

Wichita, Kansas 67202

City/State/Zip Wichita, Kansas 67202

Purchaser:

Operator Contact Person: Jay C. McNeil

Phone (316) 262-8427

Contractor: Name: Pickrell Drilling Co. Inc.

License: 5123

Wellsite Geologist: Tom Funk

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

X Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator:

Well Name:

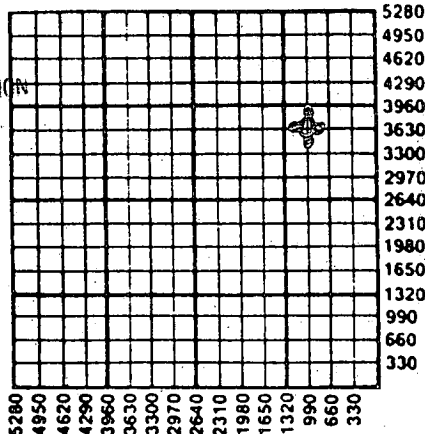
Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

8-01-91 8-16-91 8-16-91

Spud Date Date Reached TD Completion Date



5280 4950 4620 4290 3960 3630 3300 2970 2640 2310 1980 1650 1320 990 660 330

Amount of Surface Pipe Set and Cemented at 313' KB Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ 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 C. W. Sebitts

Title President Date 8-20-91

Subscribed and sworn to before me this 20th day of August 19 91.

Notary Public Verdella Lewis

NOTARY PUBLIC STATE OF KANSAS VERDELLA LEWIS My Appt. Exp. 6-6-94

6-06-94

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

SIDE TWO

Operator Name Pickrell Drilling Co. Inc. Lease Name Schwartz 'E' Well # 2
 Sec. 23 Twp. 11 Rge. 33W East County Logan
 West

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.)

Formation Description

Log Sample

Name	Top	Bottom
Heebner	4030(- 913)	
Toronto	4058(- 941)	
Lansing	4072(- 955)	
Stark	4291(-1174)	
Fort Scott	4550(-1433)	
Cherokee	4578(-1461)	
Johnson Zone	4622(-1505)	
Mississippi	4681(-1564)	

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 Csg.	12 1/4"	8 5/8" New	20#	313'KB	60/40 poz	190sx	2%gel, 3%CC

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

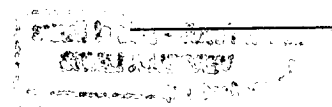
Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

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

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 _____



ORIGINAL

RELEASED

9-9-1992

SEP 09 1992

KCC
8-20
AUG 20

PICKRELL DRILLING COMPANY, INC.

#2 Schwartz 'E'
NW SE NE, Sec. 23-11S-33W
Logan County, Kansas

FROM CONFIDENTIAL

CONFIDENTIAL

Page 2

- 8-13-91: Drlg. @ 4226'. DST #1 4129'-4158', 30"-30"-30"-30", Rec. 5' HOCM (30% oil), 120' O&MC wtr (10% oil, 30% mud, Chl. 27,000 PPM), IFP 43#-49#, FFP 83#-90#, ISIP 1166#, FSIP 1126#. DST #2 4201'-4226', 30"-30"-30"-30", Rec. 60' SOCM (5% oil), IFP 29#-29#, FFP 37#-37#, ISIP 951#, FSIP 930#.
- 8-14-91: Taking DST #4 @ 4283'. DST #3 4231'-4270', 30"-30"-30"-30", IFP 35#-35#, FFP 36#-36#, ISIP 46#, FSIP 42#.
- 8-15-91: Drlg. @ 4595'. DST #4 4260'-4283', 30"-60"-90"-90", Rec. 72' HOGCM (5% G, 40% Oil), 120' G&OC Thin Mud (5% G, 10% Oil, 10% Wtr), 60' WCM (40% Wtr, Chl 33,000 PPM), IFP 59#-94#, FFP 110#-128#, ISIP 954#, FSIP 867#.
- 8-16-91: RTD 4705'. DST #5 4568'-4637', 30"-30"-30"-30", Rec. 10' Oil Spt. Mud, IFP 48#-48#, FFP 50#-50#, ISIP 62#, FSIP 58#. Logging.
- 8-19-91: (On 8-16) P&A. Plugged w/25sx @ 2610', 100sx @ 1615', 40sx @ 360', 10sx @ 40' w/bridge plug, 15sx rathole, 60/40 poz 6% gel. Complete @ 7:30 PM on 8-16-91.

RECEIVED
STATE CORPORATION COMMISSION
8-21-1991
AUG 21 1991
REGISTRATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. KC2933
 AUG 20
 FROM CONFIDENTIAL

New

Date	8-16-91	Sec.	23	Fwp.	11	Range	33	Called Out	1:00 P.M.	On Location	3:30 P.M.	Job Start	4:15 P.M.	Finish	7:25
Lease	Schwartz E	Well No.	2	Location	Oakley add 40 Hwy to mm. 6.5 3w. 2 1/2						County	Logan	State	Ks	
Contractor	Pic Krell Drilling														
Type Job	R. Plug														
Hole Size	7 7/8	T.D.	4705												
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	4 1/2	Depth	2610												
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

Owner Pic Krell Drilling
 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 Pic Krell 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.
Jim Pettgen
CEMENT

Amount Ordered 190 60/40 6 40 gel 1/4 pd Flo seal

Consisting of	Common	114	6.10	695.40
	Poz. Mix	76	2.40	182.40
	Gel.	11	6.75	74.25
	Chloride			
	Quickset			
	Flo Seal	48	1.00	48.00
	Handling	190	1.00	190.00
	Mileage	7		53.20
	OAKLEY			
	Total			1243.25

Floating Equipment
 Total \$ 1752.25
 Disc - 262.84
\$ 1489.41

EQUIPMENT

Pumptrk	No.	Cementer	
	#158	Helper	
Pumptrk	No.	Cementer	Bob
		Helper	S.D.
Bulktrk	#69	Driver	Mike
		Driver	

DEPTH of Job

Reference:	Pump Truck Charge	475.00
7	Milage	14.00
1	8 5/8 O.H. Plug	20.00
	Sub Total	
	Fee	
	Total	509.00

Remarks:
 2610 255x R.H. 155x
 1615 1005x By Allied Cementing
 360 405x Thank you
 40 105x Robert Warner

RECEIVED
 STATE CORPORATION COMMISSION

8-21-1991
 AUG 21 1991

CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL
ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

SEP 1992
FROM CONFIDENTIAL

NECC 1023

AUG 20

New

Date	8-1-91	Sec.	23	Twp.	11	Range	33	Called Out	5:00 Pm	On Location	7:00 Pm	Job Start	8:00 Pm	Finish	8:45 Pm
Lease	Schwartz	Well No.	# E 2	Location	Oakley	County	Logan	State	Ks						
Contractor	Cadook														
Type Job	Surface														
Hole Size	12 1/4	T.D.	317												
Csg.	8 5/8 20 #	Depth	317												
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.	15	Shoe Joint													
Press Max.															
Meas Line	10	Displace	19.5												
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 Pirkord Pkg 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 *Wade Folbert*

CEMENT

Amount Ordered 190 sx 60/40 poz 32cc 27gal

Consisting of

Common	114	6.10	695.40
Poz. Mix	26	2.40	182.40
Gel.	4	6.75	NIC
Chloride	6	21.00	126.00
Quickset			

EQUIPMENT

Pumptrk	No.	Cementer	<i>Randy Parsons</i>
		Helper	
Pumptrk	No.	Cementer	<i>Bill</i>
		Helper	
Bulktrk	69	Driver	<i>Mike</i>
		Driver	

Handling	190	1.00	190.00
Mileage	7		53.20
OAKLEY			
		Sub-Total	
		Total	1247.00
Floating Equipment			

DEPTH of Job

Reference:	Pump Truck	380.00
	8 5/8 Pkg	42.00
	Mileage Pump Truck	14.00
	17' at .39	6.63
	Total	442.63

Total \$ 1689.63
Disc - 253.45
\$ 1436.18

Remarks: Cement circulated
Allied Cementing
Randy Parsons

Thank You!

RECEIVED
STATE CORPORATION COMMISSION
8-21-1991
AUG 21 1991
CONSERVATION DIVISION
Wichita, Kansas