

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

ORIGINAL

API NO. 15- 173-208790000

County Sedgwick

NE - NW - NW Sec. 20 Twp. 27 Rge. 2 E W

100 Feet from S/4 (circle one) Line of Section

670 Feet from E/4 (circle one) Line of Section

RECEIVED 27
KANSAS CORP COM.
4-8-98 1:06

Operator: License # 6035

Name: Western Resources

Address 1021 E. 26th Street North

City/State/Zip Wichita, Kansas 67219

Purchaser: Western Resources

Operator Contact Person: Bob Nicholas

Phone (316) 832-3172

Contractor: Name: Schmoltd Engineering

License: RICK YOUNG DRILLING 31308

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Western Resources

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. _____

03/23/94 03/29/94 03/31/94
Spud Date Date Reached TD Completion Date

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

Lease Name Wichita Well # 93-2711

Field Name _____

Producing Formation _____

Elevation: Ground _____ KB _____

Total Depth 300 Ft. PBDT _____

Amount of Surface Pipe Set and Cemented at 130 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 3 4-13-98 JK
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ 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. _____

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 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 Ronald M. Fields Ronald M. Fields

Title Vice President Operations Date 04/03/98

Subscribed and sworn to before me this 3rd day of April, 1998

Notary Public: Dolores Bell Dolores Bell

Date Commission Expires: August 31, 1998

K.C.C. OFFICE USE ONLY

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

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Western Resources

Lease Name Wichita

Well # 93-2711

Sec. 20 Twp. 27 Rge. 2

East
 West

County Sedgwick

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:

Log Formation (Top), Depth and Datum Sample
Name Top Datum

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	16	10.750	8.48	130'	Class A	118	

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

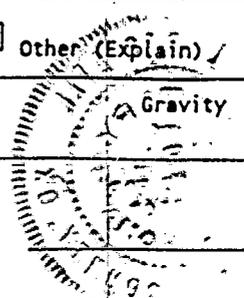
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

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

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval



15-173-20879-00-00

SCHMOLDT ENGINEERING SERVICES, INC.

ORIGINAL

DEEP GROUND BED DRILLING AND RESISTANCE LOG

WESTERN RESOURCES CONTRACT #097848 (KG&E GAS OPERATIONS)
Tara and Central #93-2711, KCC API #15-173-208790000

RECEIVED
KANSAS CORP COMM
4-8-98
1998 APR -8 1:06

Completion Date: March 29, 1994

Sec: NE-NW-NW 20	Location:	Hole Diameter: 9-Inch
Township: 27S		Hole Depth: 300 Feet
Range: 2E	City: Wichita	Surface Casing: 130 Feet Of 10" SDR 26
100 Feet From North Line Of Section	County: Sedgwick	10-Inch in 16 Inch Hole W/Class A, 118 Sacks
670 Feet From West Line Of Section	State: Kansas	Logging Voltage: 14.60 Volts

Depth (feet)	Driller's Log	Amps	Top of Anode	Depth (feet)	Driller's Log	Amps	Top of Anode
0	10-12 Feet Topsoil			190	#11 - Anode @ 190-Ft.	4.1	11
5		2.1		195		4.1	
10	12-30 Feet Sandy Loam	2.1		200	#10 - Anode @ 200-Ft.	3.9	10
15		2.4		205		3.9	
20		2.3		210	#9 - Anode @ 210-Ft.	3.8	9
25		3.1		215		3.9	
30	130-70 Feet Blue Clay	2.7		220	#8 - Anode @ 220-Ft.	3.8	8
35		3.0		225		3.9	
40		2.4		230	#7 - Anode @ 230-Ft.	4.5	7
45		2.6		235		4.8	
50		3.2		240	#6 - Anode @ 240-Ft.	4.7	6
55		3.4		245		5.0	
60		3.4		250	#5 - Anode @ 250-Ft.	5.1	5
65		3.1		255		5.4	
70	170-300 Feet Blue Clay With	2.4		260	#4 - Anode @ 260-Ft.	5.1	4
75	Streaks of Shale and Rock	2.8		265		4.7	
80		3.6		270	#3 - Anode @ 270-Ft.	4.7	3
85		3.1		275		4.6	
90		3.3		280	#2 - Anode @ 280-Ft.	5.3	2
95		2.6		285		5.1	
100		2.4		290	#1 - Anode @ 290-Ft.	4.1	1
105		1.8		295		5.2	
110		1.6		300	Total Depth	4.9	
115		2.8					
120		3.6			Backfill Loresco SC-2		
125		4.8					
130	130 Feet Bottom of Casing	5.1					
135	130-140 Feet Rock	2.8					
140		2.4					
145		3.4					
150	#15 - Anode @ 150-Ft.	3.7	15				
155		3.2					
160	#14 - Anode @ 160-Ft.	1.7	14				
165		2.8					
170	#13 - Anode @ 170-Ft.	3.0	13				
175		3.7					
180	#12 - Anode @ 180-Ft.	3.7	12				
185		3.2					

FIELD TICKET NO. 498
 INVOICE NO. 285-A
 DATE 3-29-94

UNITED CEMENTING & ACID CO., INC.

REMIT TO
 BOX 712
 EL DORADO, KANSAS 67042

(316) 321-4680

15-173-20879-00-00

SCHMOLDT ENGINEERING
 526 South Seminole
 Bartlesville OK 74003

FULLY INSURED

Location #2

Wichita, KS P.O. #

DATE OF JOB	COUNTY	STATE	LEASE	WELL NO.
3-27-94	30	KS	Central & Tara Streets	
SIZE CASING	DEPTH OF WELL	DEPTH OF JOB	PLUG DEPTH	PRESSURE
Cementing 8" plastic pipe in 13" hole. 118 sax Class A Cement (1) Cementing pump unit 350.00 Bulk charge @ 5.10 per sax 601.80* Drayage @ .82 x 118 sax 96.76* @ 6-T x .60 x 32 mi. 115.20*				
SALES TAX				\$ 48.01
TOTAL				\$ 1,211.77

TERMS: NET 30 DAYS FROM INVOICE DATE
 PLEASE PAY FROM THIS INVOICE

KPL JOB

UNITED CEMENTING & ACID CO., INC.

No 4989

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 3-27-94 COUNTY Logan
 CHG TO: Schmidt Engineering ADDRESS _____
 CITY _____ STATE MO ZIP _____
 LEASE & WELL NO Central & Arac St SEC. _____ TWP. _____ RNG. _____
 CONTRACTOR _____ TIME ON LOCATION _____
 KIND OF JOB Cementing 8" plastic pipe in 13" hole

SERVICE CHARGE: Pump Truck 300.00

QUANTITY	MATERIAL USED	TYPE	
<u>118</u>	<u>Saf Class-17 Cement</u>	<u>@ 5.10</u>	<u>601.80</u> ✓
<u>118</u>	<u>BULK CHARGE Saf</u>	<u>@ .82</u>	<u>96.76</u> ✓
<u>32</u>	<u>BULK TRK. MILES (6 tons x .60 x 32 miles)</u>		<u>115.20</u> ✓
	<u>PUMP TRK. MILES</u>		
	<u>PLUGS</u>	<u>none</u>	
	<u>SALES TAX</u>		<u>48.01</u>
	<u>TOTAL</u>		<u>1,211.77</u>

T. D. _____ CSG. SET AT _____ VOLUME _____
 SIZE HOLE _____ TBG SET AT _____ VOLUME _____
 MAX. PRESS. _____ SIZE PIPE _____
 PLUG DEPTH _____ PKR DEPTH _____
 PLUG USED _____ TIME FINISHED _____
 REMARKS: _____

Run 1" pipe on out side of 8" pipe and circulated Cement to surface

EQUIPMENT USED

NAME <u>Scott H</u>	UNIT NO.	NAME <u>Chet</u>	UNIT NO.
<u>Clued Thomas</u>			

CEMENTER OR TREATER _____ OWNER'S REP. _____

SCHMOLDT ENGINEERING SERVICES, INC.

DEEP GROUND BED DRILLING AND RESISTANCE LOG

WESTERN RESOURCES CONTRACT #097848
 KG & E GAS OPERATIONS WD# 93-2711

15173208790000

Completion Date: March 26, 1994

Sec: 20
 Township: 27S
 Range: 2E

Location: Tara and Central

City: Wichita
 County: Sedgwick
 State: Kansas

Hole Diameter: 8-Inch
 Hole Depth: 300 Feet
 Surface Casing: 130 Feet Sch. 40 PVC
 8-Inch
 Logging Voltage: 14.60 Volts

Depth (feet)	Driller's Log	Amps	Top of Anode	Depth (feet)	Driller's Log	Amps	Top of Anode
0	10-12 Feet Topsoil			190		4.1	11
5		2.1		195		4.1	
10	12-30 Feet Sandy Loam	2.1		200		3.9	10
15		2.4		205		3.9	
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95		2.6		285		5.1	
100		2.4		290		4.1	1
105		1.8		295		5.2	
110		1.6		300		4.9	
115		2.8					
120		3.6					
125		4.8					
130		5.1					
135		2.8					
140		2.4					
145		3.4					
150		3.7	15				
155		3.2					
160		1.7	14				
165		2.8					
170		3.0	13				
175		3.7					
180		3.7	12				
185		3.2					