Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL PLUGGING RECORD K.A.R. 82-3-117

Form CP-4
December 2003
Type or Print on this Form
Form must be Signed
All blanks must be Filled

Lease Operator: Rosewo	od Resources, Inc.		API Number: 15 - 181-2037100 (C)						
Address: 2711 N. Haskel	Ave., Suite 2800, LB	22	Lease Name: Irvin						
Phone: (970) 324 - 1	686 Operato	r License #: 3	Well Number: 1-33						
•		Dock	Spot Location (QQQQ): SE - NW - SE - NE 1797 Feet from North / South Section Line						
The plugging proposal was	approved on:		661 Feet from 🗸 East / West Section Line						
_{by:} Darrel Dipman			Sec. 33 Twp. 8S S. R. 40 East West County: Sherman Date Well Completed: 5/14/2005 Plugging Commenced: 10/10/2008						
Is ACO-1 filed? ✓ Yes	No If not, is w	vell log attache							
Producing Formation(s): Lis Niobrara	•	•							
	Depth to Top: <u>12</u>								
	Depth to Top:		Plugging Completed: 10/10/2008						
	Depth to Top:	Bottom	1: T	.D					
Show depth and thickness	of all water, oil and gas	formations.							
Oil, Gas or W	··· ·	<u> </u>	Surface Conductor & Production)						
Formation	Content	From	То	Size	Put In Pulled Out				
Ogallala	Water	Surface	442'	5 1/2"	14 jts				
Niobrara	Gas	426'	1400'	2 7/8"	44 jts				
	ugs were used, state th n the 2 7/8" csg w/ 50	e character of lbs cotton see	same depth pled hulls & 38 s	aced from (botte	placed and the method or methods used in introducing it into the com), to (top) for each plug set.				
advanc	ed Drillia	-9 TC	hnologi	es LL	RECEIVED KANSAS CORPORATION COMMISSION				
Name of Plugging Contrac	tor: Longhorn Cement	ing Company		OVI	License #: 33532				
Address: PO Box 203,			KC	CPP	/-				
Name of Party Responsible			esources, Ir	10.	CONSERVATION DIVISION WICHITA, KS				
State of Kansas		Cheyenne		, SS.					
Tom W. Roelfs	•			/Employee of	Operator) or (Operator) on above-described well, being first duly				
sworn on oath, says: That same are true and correct,		(Signature)		rs herein contai	ned, and the log of the above-described well is as filed, and the				
		(Address)_P(J BOX 926, S	St. Francis, K					
	SUBSCRIBED and	Notary Pub	efore me this _		Commission Expires: Euplied O I 2008				

FIELD SERVICE TICKET AND INVOICE

A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC. LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80759 Phone: 970-848-0799 Fax: 970-848-0798

										DATE	10 0	OB_TICK	ET NO	1753		
DATE OF JOB	DISTRICT									OLD [PROD	w Lui	DW [CUSTOMER ORDER NO.:		
CUSTOMER	Q RI							ELL SE	1	Vin	1-3	3		WELL NO.		
ADDRESS	15.5								COUNTY STATE							
CITY	STATE								SERVICE CREW							
AUTHORIZED BY								EQUIPMENT NETTIN								
TYPE JOB: V ~ /	DEPTH FT. CEMENT DATA: BULK S						SAND D	ATA:					DATE AM TIME PM			
SIZE HOLE:		DEPTH	FT.	SACKS	BRAND	TYPE	% GEL		ADMIX	ES	ARRIVED AT JO	В		AM PM		
SIZE & WT. CASTING	NEW B 2 1/4	NEW C 2 1 DEPTH FT.					START OPER				PM PM					
SIZE & WT. D PIPE OR TOP PLUGS	TYPE:							<u> </u>	LBS. / G	GAL.	FINISH OPERAT	ION	PM			
				VOLUME OF	SLURRY	1, 50	(1) f - 1	RELEASED					AM PM			
	MAX DEPTH	 	FT.			ENT TREATE! PRESSURE	D WITH	%	OF P.S.I.	MILES FROM STATION TO WELL						
products, and/or	supplies include	es all of a shall bec	nd only t ome a pa	hese terms art of this co	and conditiontract with	ions appeal lout written	consent o	r an o	fficer o	f Advanc	ed Drilling Techn	additonal or substi- ologies, LLC.			litions	
ITEM / PRICE REF. NUMBER	MATERIAL, EQUIPMENT AND SERVICES US									UNIT QUANTITY UNIT			RICE \$ AMOUNT		NT	
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SERVICE REPRESENTATIV	ve // U	I. J.		(IE ABOVE					VED BY: /4	J-Bod J.		4.		
FIELD SERVICE OR			71.		1.7.							RACTOR OR AGE	NT)			

LEASE DESCRIPTION: Irvin 1-33

LOCATION: 1797' FNL & 661' FEL, SENE/4 Section 33-T8S-R40W

320' ELEV: 3717' GR Spyr: Tom R./Wayne FIELD:

Rosewood Resources

COUNTY: SHERMANSTATE: KANSAS API#: 15-181-20371-0000

Goodland

DIRECTIONS: South of Goodland on Rd 18 to Rd 63, North into location.

05/13/05: MIRU SCHAAL DRILLING CO. PREVIOUS 24 HRS - SPUD SURFACE @ 7:40 AM ON 05/12/05. DRILL 8" HOLE FROM 0' TO 442'. TD @ 4:30 PM. CIRC. TOOH. RAN 14 JTS OF 14# 5 1/2" J55 CSG MEAS 440'. SET @ 440'. BLZ CMT W/ 70 SKS OF TYPE 1 NEAT CMT. CIRC 2 BBL TO PIT. PLUG DOWN @ 6:20 PM. RDMO. SHALE @ 385'

05/16/05: MIRU ADT #114. NIPPLE UP B.O.P. ASSEMBLE BHA. MIX MUD. DRILL OUT CMT PLUG. SPUD @ 10:30 AM ON 5/14/05. DRILL FROM 426' TO 1400'. TD @ 1400' @ 4:30 PM ON 5/14/05. CIRC. POOH. LAY DOWN BHA. RIG UP SCHLUMBERGER. RAN TRIPLE COMBO LOGS. LOGGER TD @ 1402'. TOP 1220'. BTTM 1248'. 28' ZONE. OHMS AVG 5, MAX 5. PEROSITY 33%. TIH. RAN 44 JTS OF 6.5#.

27/8" J55 CSG, MEAS 1369'. PBTD 1381'. RIG UP LONGHORN CMTRS. CMT W/ 50 SKS TYPE 1 NEAT CMT, 2% CAL. DISPLACED W/ 7.9 BBLS. LANDED PLUG W/ 1200 psi. PLUG DOWN @ 11:00 PM ON 5/14/05. HELD OK. RELEASE RIG @ 11:30 PM. FLANGE UP WELL HEAD. RDMO SURVEYS:

500' 3/4 DEG EDRIFT

750' 3/4 DEG EDRIFT

1000' 1 1/2 DEG EDRIFT

1350' ¾ DEG EDRIFT

5/25/05: MIRU PEAK WIRELINE UNIT. RAN GR/CBL LOG. MAX RUN DEPTH 1378'. TOP OF GOOD CMT @ 665'. PERF INTERVAL FROM 1220' TO 1246' W/ 2" CSG GUN, 6.5 GRAM TITAN. 2 SPF. SHOT 52 HOLES. SWABBED WELL TO 1200'. RDMO

6/02/05: MIRU MAVERICK STIMULATION. FRAC INTERVAL 1220' TO 1246'. FRAC DOWN 2 7/8" TBG W/ 47,627 GALS MAVFRAC 25, 70 QUALITY FOAM & 100,000# 16/30 ARIZONA SAND & 60 TONS CO2. BROKE DOWN PERFS 1840#. FRAC AS FOLLOWS:

 500 GALS 7 ½ HCL
 919# @ 5 BPM

 13,500 GAL PAD
 906# @ 15 BPM

 4000 1# 16/30 SAND
 1040# @ 15 BPM

 6000 2# 16/30 SAND
 1196# @ 15 BPM

 11833 3# 16/30 SAND
 1341# @ 15 BPM

 9000 4# 16/30 SAND
 1422# @ 15 BPM

 2500 5# 16/30 SAND
 1527# @ 15 BPM

RECEIVED KANSAS CORPORATION COMMISSION

OCT 2 1 2008

CONSERVATION DIVISION WICHITA, KS

FLUSHED W/ 294 GALS. AVG TREATING PSI 1091#. MAX TREATING PSI 1862#. ISIP 1040#. 5 MIN 880#, 10 MIN 870#, 15 MIN 860#. 347 BBLS TO RECOVER. SHUT IN 1 HR. SICP 819#. OPENED TO PIT @ 4:00 PM ON A 20/64" CHOKE.

9/15/05: FCP 74# . PUT ON LINE @ 4:20 PM ON 9/15/05 @ 25 MCFD. FINAL REPORT.

10/10/08: MIRU LONGHORN CMTRS, PUMPED CMT PLUG 0 TO 1246', DOWN 2 7/8" CSG W/50 LBS COTTON SEED HULLS AND 38 SKS #1 NEAT CMT (9 BBLS) AT 200 PSI. MAX PRESSURE 1100 PSI, HELD AT 500 PSI. SHUT IN 2 7/8" CSG, PUMPED DOWN BACKSIDE 0 TO 440' W. 26 SKS #1 NEAT CMT (6.1 BBL) AT 550 PSI, HELD AT 300 PSI, SHUT IN BACKSIDE. RDMO LONGHORN