

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

Operator: License # 31980

Name: Lotus Operating Company L. E. C.

Address 107 North Market

City/State/Zip Wichita, Kansas 67202

Purchaser: _____

Operator Contact Person: Tim Hellmann

Phone (316) 262-1077

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Kris Kennedy

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSW, 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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

09-02-97 09-11-97 09-11-97
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22543 0000

County Barber County, Kansas

C-SW NE Sec. 28 Twp. 31S Rge. 15 XX^E_V

2030' Feet from SW (circle one) Line of Section

1980 Feet from W (circle one) Line of Section

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

Lease Name Bear Creek Ranch Well # 1-28

Field Name Schuette East Ext.

Producing Formation None

Elevation: Ground 1844' KB 1855'

Total Depth 4825' PBTD 4900'

Amount of Surface Pipe Set and Cemented at 2166 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 cat.

Drilling Fluid Management Plan DAA JK 12-9-97
(Data must be collected from the Reserve Pit)

Chloride content 22,000ppm Fluid volume 640 bbls

Dewatering method used vacuum truck

Location of fluid disposal if hauled offsite: _____

Operator Name Bowers drlg co.

Lease Name Cole SWDW License No. 5435

NW Quarter Sec. 25 Twp. 32 S Rng. 12 W

County Barber Docket No. D-19886

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.

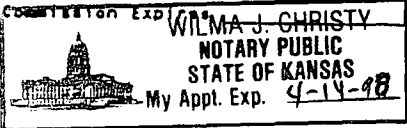
Signature [Signature]

Title President Date 9-17-97

Subscribed and sworn to before me this 18th day of August 19 97

Notary Public Wilma J Christy

Date Commission Exp. 4-14-98 NOV 13 1997



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

Operator Name Lotus Operating Company Lease Name Bear Creek Ranch Well # 1-28

Sec. 28 Twp. 31S Rge. 15 East West County Barber County, Kansas

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:
Dual Induction
Neutron/Density
Computer Log

Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Heebner	3922	-2063
Lansing	4113	-2254
BKC	4525	-2666
Cher sd.	4629	-2770
Miss Cht.	4660	-2801
Kind. Sh.	4759	-2900
Viola	4792	-2933

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	14-3/4"	10-3/4"	32#	216'	60/40 Poz	195	3%cc 2%gel

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 Yes No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval _____

ALLIED CEMENTING CO., INC.

6331

ORIGINAL

SERVICE POINT:

Medicine Lodge

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

DATE: 9-11-97	SEC. 28	TWP. 31s	RANGE 15w	CALLED OUT 4:00pm	ON LOCATION 5:00pm	JOB START 7:40	JOB FINISH 9:30pm
LEASE: Car Creek Ranch	WELL # 1-28	LOCATION 160+Sun City Rd 3N, 2W	COUNTY Barber	STATE Kansas			

OLD OR NEW (Circle one)

CONTRACTOR Duke Rig 2

TYPE OF JOB Rotary PWA

HOLE SIZE 7 7/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 700

TOOL DEPTH

PRES. MAX 100 MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

OWNER

Lotus Operating Co.

CEMENT

AMOUNT ORDERED 175 sx 60:40:6

COMMON A	105	@ 6.35	666.75
POZMIX	70	@ 3.25	227.50
GEL	9	@ 9.50	85.50
CHLORIDE		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	175	@ 1.05	183.75
MILEAGE	175 x 25	.04	175.00

TOTAL \$1338.50

EQUIPMENT

PUMP TRUCK CEMENTER Carl Baldwin

255-265 HELPER Stane Winsor

BULK TRUCK

242 DRIVER John Kelly

BULK TRUCK

DRIVER

REMARKS:

SERVICE

pump 50sx-700 Feet

pump 80sx-230 Feet

pump 20sx-40 feet

15sx - Rat Hole

10sx - mouse Hole

DEPTH OF JOB	700		
PUMP TRUCK CHARGE			470.00
EXTRA FOOTAGE		@	
MILEAGE	25	@ 2.85	71.25
PLUG		@	
		@	
		@	

TOTAL \$541.25

CHARGE TO: Lotus Operating Co.

STREET: 107 N. MARKET, St. 416

CITY WICHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 13 1997

CONSERVATION DIVISION
WICHITA, KS

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

[Signature]

JOE LEVINGSTON

TAX

TOTAL CHARGE \$1879.75

DISCOUNT \$281.96 IF PAID IN 30 DAYS

NET \$1597.79

Pd 9-30-97
#1027

ALLIED CEMENTING CO., INC.

6299

ORIGINAL

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

SERVICE POINT:
Medicine Lodge

DATE <u>9-3-97</u>	SEC. <u>28</u>	TWP. <u>31S</u>	RANGE <u>15 W</u>	CALLED OUT <u>10:00 pm</u>	ON LOCATION <u>11:30 pm</u>	JOB START <u>1:55 AM</u>	JOB FINISH <u>2:30</u>
LEASE <u>Bear Creek Ranch</u>	WELL # <u>1-28</u>	LOCATION <u>160+Sun city Rd. 3 N, 2 1/4 W</u>			COUNTY <u>Barber</u>	STATE <u>Kansas</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Rig 5
 TYPE OF JOB Surface
 HOLE SIZE 14 3/4 T.D. 219
 CASING SIZE 10 3/4 DEPTH 216
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 200 MINIMUM 50
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.

OWNER Lotus Operating Co.
CEMENT

AMOUNT ORDERED
195 sx 60:40:2+32cc

COMMON <u>A</u>	<u>117</u>	@ <u>6.35</u>	<u>742.95</u>
POZMIX	<u>78</u>	@ <u>3.25</u>	<u>253.50</u>
GEL	<u>3</u>	@ <u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@ <u>28.00</u>	<u>168.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>195</u>	@ <u>1.05</u>	<u>204.75</u>
MILEAGE	<u>195 x 25</u>	<u>.04</u>	<u>195.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding
 # 255-265 HELPER Stane Winsor
 BULK TRUCK
 # 242 DRIVER John Kelly
 BULK TRUCK
 # DRIVER

TOTAL # 1592.70

REMARKS:

SERVICE

Break circulation w/ Rig pump
Pump 5 88ls Fresh water pad
pump 195 sx 60:40:2+32cc
Stop pumps - Release plug
Displace with 20.5 88ls
Fresh water. Cement Did Circulate
Shut IN

DEPTH OF JOB	<u>220'</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>25</u>	@ <u>2.85</u>	<u>71.25</u>
PLUG wooden	<u>10 3/4"</u>	@ <u>55.00</u>	<u>55.00</u>
		@	
		@	

TOTAL # 596.25

CHARGE TO: Lotus Operating Co.
 STREET 107 N. MARKET, St. 416
 CITY WICHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 13 1997

CONSERVATION DIVISION
WICHITA, KS

TOTAL _____

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 \$ 2188.95
 DISCOUNT \$ 328.34 IF PAID IN 30 DAYS

NET \$ 1860.61

SIGNATURE

[Signature] Joe Robinson

EFFECTIVE DATE: 8-31-97

State of Kansas

FORM MUST BE TYPED

DISTRICT # 1

NOTICE OF INTENTION TO DRILL 15-007-22, 543-00-00 ALL BLANKS MUST BE FILLED

FORM MUST BE SIGNED

WGA? Yes...No

Must be approved by the X.C.C. five (5) days prior to commencing well.

Expected Spud Date 9-2-97 month day year

Spot C SW NE Sec 28 Twp 31 S Rq 15 X East West

OPERATOR: License # 31980 Name: Lotus Operating Co. L.L.C. Address: 107 N. Market Suite 416 City/State/Zip: Wichita, Ka 67202 Contact Person: Tim Hellman Phone: 316-262-1077

1980' feet from South/North line of Section 1980' feet from East/West line of Section IS SECTION XX REGULAR IRREGULAR?

CONTRACTOR: License #: 5929 Name: Duke Drlg. Co.

(NOTE: Locate well on the Section Plat on Reverse Side) County: Barber Lease Name: Bear Creek Ranch Well #: 1-28 Field Name: Schuette East Ext.

Well Drilled For: Well Class: Type Equipment: X Oil ... Enh Rec ... Infield ... X Mud Rotary X Gas ... Storage X Pool Ext. ... Air Rotary ... CWFO ... Disposal ... Wildcat ... Cable ... Seismic; ... # of Holes ... Other If CWFO: old well information as follows: Operator: Well Name: Comp. Date: Old Total Depth

Is this a Prorated/Spaced Field? ... yes ... X no Target Formation(s): Douglas, Cherokee, Mississippi Nearest lease or unit boundary: 660' Ground Surface Elevation: 1842 feet MSL Water well within one-quarter mile: ... yes ... X no Public water supply well within one mile: ... yes ... X no Depth to bottom of fresh water: 60' Depth to bottom of usable water: 180' Surface Pipe by Alternate: X 1 ... 2 Length of Surface Pipe Planned to be set: 200+ Length of Conductor pipe required: 200' Projected Total Depth: 4900 Formation at Total Depth: Viola Water Source for Drilling Operations: well farm pond X other

Directional, Deviated or Horizontal wellbore? ... yes ... XX no If yes, true vertical depth: Bottom Hole Location Exp. 2/26/98

Will Cores Be Taken? ... yes ... X no If yes, proposed zone: 200' Alt. I Req.

AFFIDAVIT

KANSAS CORPORATION COMMISSION

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. It is agreed that the following minimum requirements will be met:

AUG 27 1997

RECEIVED KANSAS CORPORATION COMMISSION AUG 27 1997

Pusher Soc. Livingston SPUD DATE 9-2-97 INIT. LENGTH SURFACE PLANNED 200 f 10 3/4 RESERVE PIT STATUS- REMOVE FLUID LINED after salt sect. bbbls. when done bbbls. RATHOLED AHEAD? Y N SIZE HOLE SURFACE PIPE 10 3/4 @ 216 CONDUCTOR ANHYDRITE T- B ELEVATION TD 4825 FORMATION RAR PIPE @ DV TOOL ALP II DONE SX Y N Arbuckle Plug @ Ft. W/ SX Anhydrite Base @ 700 Ft. W/ SX 1/2 Base Anhy. @ Ft. W/ SX 1/2, 1/2 Plug @ Ft. W/ SX Bottom Surface @ 230 Ft. W/ 80 SX 40' Plug @ 40 Ft. W/ 20 SX RAT HOLE CIRC/W 15 SX MOUSE HOLE W/ 10 SX WATER WELL SX (Irr. Well Pond Hauling) TECHNICIAN SM DATE 9-8-97 TYPE OF CEMENT 60/40 626 STARTING TIME 7:00 (AM/PM) DATE 9-11-97 COMPLETION TIME 9:15 (AM/PM) DATE 9-11-97 CEMENT COMPANY Allied truck # H 6321