

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

COPY

API NO. 15- 007-22543 0000

County Barber County, KansasC-SW -NE - Sec. 28 Twp. 31S Rge. 15 XX E2030 Feet from S (circle one) Line of Section1980 Feet from N (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)Lease Name Bear Creek Ranch Well # 1-28Field Name Schuette East Ext.Producing Formation NoneElevation: Ground 1844' KS 1855'Total Depth 4825' PSTD 4900'Amount of Surface Pipe Set and Cemented at 216 FeetMultiple Stage Cementing Collar Used? XX Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sz cmt.

Drilling Fluid Management Plan D&A 12-9-97
(Data must be collected from the Reserve Pit)Chloride content 22,000ppm Fluid volume 640 bblsDewatering method used vacuum truck

Location of fluid disposal if hauled offsite:

Operator Name Bowers drlg co.Lease Name Cole SWDW License No. 5435NW Quarter Sec. 25 Twp. 32 S Rng. 12 NWCounty Barber Docket No. D-19886Operator: License # 31980Name: Lotus Operating Company L.L.C.Address 107 North MarketCity/State/Zip Wichita, Kansas 67202

Purchaser:

Operator Contact Person: Tim HellmanPhone (316) 262-1077Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Kris Kennedy

Ignite Type of Completion

 New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Gas ENHR SIGWX Dry Other (Core, WSV, 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 PSTD Cemented Docket No. _____ Dual Completion Docket No. _____ Other (SWD or Inj?) Docket No. _____-02-97 09-11-97 09-11-97Spud Date 9-2-97 Date Reached TD _____ Completion Date _____

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. 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 9-17-97Subscribed and sworn to before me this 18th day of August19 97Notary Public Wilma J ChristyDate Commission Expires 4-14-98My Appt. Exp. 4-14-98

KANSAS CORPORATION COMMISSION

NOV 13 1997

K.C.C. OFFICE USE ONLY

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

Distribution

 SWD/Rep NGPA
 Plug Other
(Specify)

Operator Name Lotus Operating CompanyLease Name Bear Creek Ranch Well # 1-28☐ EastCounty Barber County, KansasSec. 28 Twp. 31S Rge. 15☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests including 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 ☐ NoCores Taken ☐ Yes ☒ NoElectric 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%ge

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
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Date of First, Resumed Production, SVD or Inj. D&A Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Coop. ☐ Commingled
☐ Other (Specify) _____