

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

COPY

License # 5682
Name: HUGHES DRILLING CO.
Address 122 N. MAIN
WELLSVILLE, KS.
City/State/Zip 66092
Purchaser: CRUDE MARKETING
Operator Contact Person: Carl C. Hughes
Phone (913) 883-2235
Contractor: Name: HUGHES DRILLING CO.
License: 5682
Wellsite Geologist: none

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj) Docket No. E26931
10/20/97 10/22/97 10/22/97
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22,820
County JOHNSON
SE - SE - SW - NE Sec. 36 Twp. 14 Rge. 21 E W
2785 2751 Feet from S/W (circle one) Line of Section
1550 1428 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name BRAUN Well # 13-I
Field Name LONGANECKER
injection
Producing Formation BARTLESVILLE
Elevation: Ground na KB _____
Total Depth 895 PSTD _____
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? _____ Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 881
feet depth to surface w/ 94 sx cat.
Drilling Fluid Management Plan AH.2, 5-7-98 U.C.
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used RECEIVED
KANSAS CORPORATION COMMISSION
Location of fluid disposal if hauled offsite:
FEB 09 1998
Operator Name _____
Lease Name _____ License No. _____
CONSERVATION DIVISION
WICHITA, KS
Quarter _____ Sec. _____ Twp. _____ Rng. _____ E/W _____
County _____ Docket No. _____

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 Carl C. Hughes
Title partner Date 2/6/98
Subscribed and sworn to before me this 6th day of Feb.
98
Notary Public Marie Linder
Date Commission Expires Feb. 11, 1998

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

NOTARY PUBLIC - State of Kansas
MARIE LINDER
My Appt. Exp. Febr. 11, 1998

Operator Name HUGHES DRILLING CO. Lease Name BRAUN Well # 13-I

Sec. 36 Twp. 14 Rge. 21 East County JOHNSON
 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 sheets 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:

GAMMA RAY-NEUTRON

Log Name	Formation (Top)	Depth	and Datum	<input checked="" type="checkbox"/> Sample
				Top Datum
	HERTHA	393		399
	BARTLESVILLE	844		852

(Well log attached)

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	9 7/8	7"	16	20'	portland	5	none
production	5 1/2	2 1/2	7	881	50/50 POZ	94	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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	844-851	Acid Breakdown(100gal.15%HCL 844-851

TUBING RECORD

Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or (In) 1/26/98 Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas: METHOD OF INJECTION Production Interval

Vented Sold Used on Lease Open Hole surf. Dually Comp. Commingled 844-851