

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

API NO. 15- 091-22614 36-14-21E  
County JOHNSON COPY

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

NW    NW    NE    SE    Sec. 36 Twp. 14 Rge. 21 XXE  
23452269 Feet from (S)W (circle one) Line of Section  
1000986 Feet from (E)W (circle one) Line of Section  
<sup>1 KCC records</sup>  
Footages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)

Lease Name BRAUN Well # 3-I  
Field Name Wildcat

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  S1GW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation BARTLESVILLE  
Elevation: Ground na KB     
Total Depth 880 PSTD   

Amount of Surface Pipe Set and Cemented at 22.50 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set    Feet  
If Alternate II completion, cement circulated from 872  
feet depth to surface w/ 109 oz cat.

If Workover/Re-Entry: old well info as follows:  
Operator:     
Well Name:     
Comp. Date    Old Total Depth     
 Deepening  Re-perf.  Plug Back  Commingled  Dual Completion  Other (SWD or Inj?)  
Docket No.    Docket No.    Docket No.     
3-27-95 3-30-95 est 6/1/95  
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan EX HIC 5-30-96  
(Date must be collected from the Reserve File) RW  
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.   

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STATE CORPORATION COMMISSION  
MAY 15 1995  
WICHITA, KANSAS

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 5/5/95  
Subscribed and sworn to before me this 5th day of May 19 95.  
Notary Public Marie Linder

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGA
		<input type="checkbox"/> Other (Specify)

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

Sec. 36 Twp. 14 Rge. 21

East  
 West

County JOHNSON

**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 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 Formation (Top), Depth and Datum  Sample

Name	Top	Datum
HERTHA	388	395
BARTLESVILLE	847	853

(DRILLERS LOG ATTACHED)

**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	9 7/8	6 1/4	15	22.50	portland	5	none
production	5 1/4	2 7/8	7	872	50/50POZ	109	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
2	847-852	ACIDIZE-150 gal.	847-852

**TUBING RECORD** Size none Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. est. start of inj. 6/1/95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

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

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 \_\_\_\_\_

CONTRACTOR

3/27/95-3/30/95

OPERATOR

HUGHES DRILLING COMPANY  
122 NORTH MAIN  
WELLSVILLE, KANSAS 66092

COPY

Hughes Drilling Co.  
122 North Main  
Wellsville, Kansas 66092

LOG

BRAUN  
WELL NO. 3-I  
JOHNSON CO., KANSAS  
Sec. 36, Twp. 14S, Rng. 21E.

API #15-091-22614  
2345 ft. FSL  
1000 ft. FEL

NW NW NE SE

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	7	Lime "HERTHA"	395
33	Clay	35	39	Shale	434
2	Shale	37	4	Gray Sand ("KNOBTOWN") (Lamin. w/shale)	438
4	Lime	41			
3	Gray Sand	44	69	Shale	507
4	Shale	48	3	Gray Sand	510
16	Lime	64	55	Shale	565
7	Drk. Shale (Slate 70-71)	71	7	Lime	572
9	Lime	80	3	Shale	575
6	Shale	86	5	Lime	580
20	Lime	106	6	Shale	586
23	Shale (Red Bed 112-114)	129	6	Lime	592
		=	14	Shale	606
22	Lime	151	3	Lime(Brown)	609
25	Shale	176	5	Shale	614
11	Lime	187	14	Lime (BROKEN)	628
26	Shale	213	7	Shale	635
10	Lime	223	11	Red Bed	646
9	Shale	232	4	Shale (Slate 646-647)	650
12	Lime	244	6	Lime	656
15	Shale	259	48	Shale (Lt. Sdy. 662-670)	704
9	Lime	268	1	Lime	705
5	Shale	273	9	Shale	714
8	Lime	281	1	Lime	715
41	SHale (Lime 311-312)	322	12	Shale	727
26	Lime 30'	348	4	Brown Sand (#2 SQUIRREL) Solid 727-729)	731
5	Shale	353			
24	Lime 20'	377			
4	Shale (Slate 380-381)	381	22	Shale (Slate 750-751)	753
4	Lime	385	3	Lime	756
3	Shale	388	11	Shale	767
			10	Lt. Shale	777

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CONSERVATION DIVISION WICHITA KANSAS

CONTRACTOR

HUGHES DRILLING COMPANY  
122 NORTH MAIN  
WELLSVILLE, KANSAS 66092

COPY

OPERATOR

LOG  
BRAUN  
WELL NO. 3-I  
cont.

API #15-091-22614

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
48	Shale (Slate 800-801) (Slate 823-824)	825			
9	Lt. Shale	834			
11	Shale	845			
1	Sdy. Lime	846			
1	Sdy. Shale	847			
6	Oil Sand ("BARTLESVILLE")	853			
27	Shale	880 T.D.			

3 7/95-3/30/95

Drilled 880 ft. of 5 1/8" hole.

3/27/95

Set 22.50 ft. of 6 1/4" surface pipe.

Cemented in with 5 sacks cement.

3/29/95

Sample checked "BARTLESVILLE ZONE" 847-853.

3/30/95

Set 872 ft. of 2 7/8" 8 rd. upset pipe.

Used 3 centralizers.

Bolt in bottom.

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CONSERVATION DIVISION  
WICHITA, KANSAS

# HUGHES DRILLING CO.

pg. 4

Wellsville, Kansas 66092

Manager 913-883-2235  
Darrel 913-883-4027

CORE TIME

Ron 913-883-4655  
Clay 913-883-4383

LEASE Brown # 3-1

FORMATION Bartlesville

DATE: 3-29-95

COPY

(RPM chip sample)

FROM	FEET TO	TIME	MINUTES	REMARKS		
845	846	Chip sampled	5dy time	(No oil)		
846	847	}	}	sdly shale (Few strips of sand) (little)		
847	848			Solid Sand		
848	849			Solid Sand	} Bleeding oil	
849	850			Solid Sand		
850	851			Solid Sand	847-851	
851	852			}	}	Sand slightly lamin. w/shale (Bleeding oil)
852	853					Sand lamin. w/shale (Bleeding oil)
853	854	shale				
854	855	Shale				
855	856					
856	857					
857	858					
				(Best Perf Zone)		
				847-852		

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