

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

API NO. 15- 091-22613

36-14-21E
COPY

County JOHNSON

SW-SW-SE-NE Sec. 36 Twp. 14 Rge. 21 **XXE**

²⁷⁸⁹
~~2825~~ ¹⁰¹⁸ Feet from (S)N (circle one) Line of Section
¹⁰⁰⁰ 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 # 4-I

Field Name Wildcat

Producing Formation BARTLESVILLE

Elevation: Ground na KB

Total Depth 895 PBD

Amount of Surface Pipe Set and Cemented at 22.65 Feet

Multiple Stage Cementing Collar Used? Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 882

feet depth to surface w/ 124 sz cat.

Drilling Fluid Management Plan ENHR 5-30-96
(Data must be collected from the Reserve Pit) (R)

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. _____

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

Designate Type of Completion

XX New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SIOU _____ Temp. Abd.

_____ Gas XX ENHR _____ SIGW

_____ Dry _____ Other (Core, USW, Expl., Cathodic, etc)

f 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 _____ PBD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

4-4-95 4-7-95 est.6/1/95

Spud Date 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. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidentially 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 1995.

Notary Public Marie Linder

Date Commission Expires 11/1/98



E.C.C. OFFICE USE ONLY					
F	<input 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"/>	KCPA
<input checked="" type="checkbox"/>	KCS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other (Specify)

Operator Name HUGHES DRILLING CO.

Lease Name BRAUN

Well # 4-1

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 in interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached stat. 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.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HERTHA	393	399
BARTLESVILLE	848	856

List All E.Logs Run:

GAMMA-RAY--NEUTRON

(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	22.65	portland	5	none
production	5 1/8	2 7/8	7	882	50/50POZ	124	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	848-855	ACIDIZE-150 gal.	848-855

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 (Expl)

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

Disposition of Gas:
 Vented Sold Used on Lease
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____

CONTRACTOR

4/4/94-4/7/95

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

COPY Hughes Drilling Co.
122 N. Main
Wellsville, Ks. 66092

LOG
BRAUN

WELL NO. 4-I
Johnson Co., Ks. API # 15-091-22613
Sec 36, Twp. 14S. Rng. 21 E 2825 ft. FSL
SW SW SE NE 1000 ft. FEL

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	5	Lime	390
31	Clay	33	3	Shale	393
9	Shale	42	6	Lime "HERTHA"	399
6	Lime	48	38	Shale	437
4	Shale(Sdy.)	52	5	Gray Sand ("KNOBTOWN")	442
15	Lime	67		(Solid)(Coarse Sand)	
10	Shale(Drk.)	77		(A few gas bubbles)	
7	Lime	84	68	Shale	510
5	Shale	89	6	Lt. Shale	516
23	Lime	112	3	Gray Sand	519
9	Red Bed	121	53	Shale (Slate 546-547)	572
	Shale	132	6	Lime	578
22	Lime	154	3	Shale	581
17	Shale	171	4	Lime	585
2	Lime	173	5	Shale	590
4	Shale	177	7	Lime	597
12	Lime	189	16	Shale	613
26	Shale	215	2	Lime(Brown)	615
10	Lime	225	5	Shale (Slate 716-717)	620
11	Shale	236	12	Lime	632
12	Lime	248	5	Shale	637
16	Shale (Broken 259-261)	264	8	Red Bed	645
7	Lime	271	&	Shale	652
5	Shale	276	3	Lime	655
7	Lime	283	3	Shale	658
44	Shale	327	1	Lime	659
25	Lime 30' (Sdy. 337-340 Oil Show)	352	48	Shale (Lt. 659-673)	707
8	Shale (Slate 355-356)	360	1	Lime	708
22	Lime 20'	382	10	Shale	718
3	Shale (Slate 384-385)	385	1	Lime	719
			11	Shale	730

RECEIVED
STATE COORDINATION COMMISSION
MAY 15 1995
WICHITA, KANSAS

CONTRACTOR

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

COPY

LOG
BRAUN
WELL NO. 4-I
Cont.

API # 15-091-22613

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Brown Sand (Lamin. w/shale)	732			
25	Shale	757			
2	Lime	759			
88	Shale (Lt. 759-772) (Slate 788-789)	847			
1	Sdy. Lime (Oil Show)	848			
8	Oil Sand ("BARTLESVILLE")	856			
39	Shale	895 T.D.			

4/4/95-4/7/95

Drilled 895 ft. of 5 1/8" hole.

4/4/95

Set 22.65 ft. of 6 1/4" surface pipe.

Cemented in with 5 sacks cement.

4/6/95

Sample checked "BARTLESVILLE ZONE" 847-859.

4/7/95

Set 882 ft. of 2 7/8" 8 rd. upset pipe.

Used 3 centralizers.

Bolt in bottom.

○

HUGHES DRILLING CO.

pg. 4

Wellsville, Kansas 66092

Roger 913-883-2235
Darrel 913-883-4027

CORE TIME

COPY

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

LEASE Brown #4-I

FORMATION Bartlesville

DATE: 4-6-95

(RPM Shave Bit)

FROM	FEET TO	TIME	MINUTES	REMARKS
847	848	chip sample	Sdy Line (0:15 slow)	
848	849	4:40:00 - 4:40:45	:45	
849	850	4:40:45 - 4:42:15	1:30	} (Took to Oilfield Research)
850	851	4:42:15 - 4:43:00	:45	
851	852	4:43:00 - 4:44:00	1:00	
852	853	4:44:00 - 4:44:45	:45	
853	854	4:44:45 - 4:45:45	1:00	
854	855	4:45:45 - 4:46:45	1:00	
855	856	4:46:45 - 4:48:15	1:30	Sand very lamin. w/shale
856	857	4:48:15 - 4:50:45	2:00	} Shale
857	858	4:50:45 - 4:53:30	2:45	
858	859	4:53:30 - 4:56:30	3:00	
859	860	4:56:30 - 4: : STOP		
860	861			} (Best Perf zone) 848-855
861	862			
862	863			
863	864			
864	865			
865	866			
866	867			
867	868			