

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

API NO. 15- 091-22,524

County JOHNSON

NE SE SW NE Sec. 36 Twp. 14 Rge. 21 XX

Operator: License # 5682

Name: HUGHES DRILLING CO.

Address 122 NORTH MAIN
WELLSVILLE, KS. 66092

City/State/Zip

Purchaser: ENRON

Operator Contact Person: ROGER or 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

XX Oil SWD SOW 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.

10/19/92 10/22/92 11/18/92
Spud Date Date Reached TD Completion Date

3010 Feet from S/W (circle one) Line of Section

1350 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

Field Name GARDNER

Producing Formation BARTLESVILLE

Elevation: Ground na KB

Total Depth 894' PSTD

Amount of Surface Pipe Set and Cemented at 22.30' Feet

Multiple Stage Cementing Collar Used? Yes XX

If yes, show depth set Feet

If Alternate II completion, cement circulated from 882'

feet depth to surface w/ 100 ex cmt

Drilling Fluid Management Plan 12-17-92 ON
(Data must be collected from the Reserve Pit)

Chloride content na ppm Fluid volume bbl

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

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.

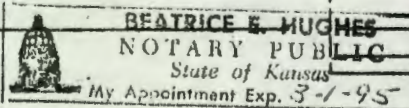
Signature Carl C. Hughes

Title Partner Date 11/24/92

Subscribed and sworn to before me this 24th day of November 19 92.

Notary Public Beatrice E. Hughes

Date Commission Expires 3-1-95



K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
RECEIVED	
Distribution	
AT	SWD/Rep NSPA
X	Plug
KCC	Other (Specify)
KGS	
NOV 30 1992	

CONTRACTOR

10/19/92-10/22/92

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

Hughes Drilling Company
122 N. Main
Wellsville, Kansas 66092

LOG

BRAUN

Well No. 13

Johnson Co., Ks.

Sec. 36, Twp. 14S, Rng. 21E

API # 15-091-22,524

3010' FSL of Section

1350' FEL of Section

SE SW NE

COPY

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	5	Shale	392
36	Clay	38		(Slate 389-391)	
9	Shale	47	4	Lime	396
5	Lime	52	3	Shale	399
2	Sand	54	6	Lime "HEREHA"	405
2	Shale	56	109	Shale	519
17	Lime	73		(Bkn. 409-414)	
7	Shale	80		(Sdy. 435-438)	
8	Lime	88		(White SHale 517-519)	
5	Shale	93	4	Gray Sand	523
20	Lime	113	56	Shale	579
4	Shale	117	5	Lime	584
	Red Bed	120	2	Shale	586
17	Shale	137	5	Lime	591
1	Gray Sand	138	6	Shale	597
21	Lime	159	7	Lime	604
16	Shale(Sdy. 159-162)	175	14	Shale	618
2	Lime	177	3	Lime (Brown-HARD)	621
4	Shale	181	5	Shale	626
13	Lime	194	2	Lime	628
27	Shale	221	6	Shale	634
9	Lime	230		(Broken 629-634)	
10	Shale	240	4	Lime(Broken)	638
11	Lime	251	5	Shale	643
17	Shale	268	11	Red Bed	654
	(264 BKN. w/lime)		4	Shale	658
8	Lime	276		(Slate 656-657)	
9	Shale	284	6	Lime (Broken)	664
7	Lime	291	47	Shale	711
	Shale	332		(White 667-669)	
	(Limebreak 321-322)			(Lam. Brown Sand/shale)	
25	Lime 30'	357	2	Lime	722
6	Shale	363	9	Shale	722
	(Slate 360-362)			(Broken w/lime 713-716)	
24	Lime 20'	387	1	Lime	723
			11	Shale	734

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CONTRACTOROPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

LOG
BRAUN

WELL NO. 13

API #

cont.

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Sand (#2 SQUIRREL) (Very lamin w/shale) (Some Brown Sand)	736			
25	Shale	761			
2	Lime	763			
36	Shale (Lt. Shale Brk. w/lime 767-799)	799			
5	Lt. Shale (Brk. w/lime)	804			
4	Shale	808			
7	Lt. Shale	815			
29	SHale (838 Limebreak)	844			
3	Red Bed	847			
5	Shale	852			
7.5	Sand ("BARTLESVILLE") (Good show)	859.5			
34.5	Shale (Limebreak 884')	894T.D.			

10/19/92-10/22/92

Drilled 894' of hole.

10/19/92

Set 22.20 ft. of 6 $\frac{1}{4}$ " surface pipe.

Cemented in with 5 sacks cement.

10/21/92

○

Cored "BARTLESVILLE ZONE" 852'-864'.

10/22/92

Set 881.90 ft. of 2 7/8" 8rd. upset pipe.

Used 4 centralizers.

Bolt in bottom.

10 rd. reg. weldon collar on top.

COPY

RECEIVED
COMMISSION

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DIVISION
HUGHES

HUGHES DRILLING CO.

174

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE Brown # B
FORMATION Bartlesville
DATE: 10-21-92

(RPM Shave Bit)

FROM	FEET TO	TIME	MINUTES	REMARKS
851	852	chip sample		
① 852	853	4:30:00-4:30:45	:45	} 852 - 858.5 Solid Sand Good Bleeding oil
② 853	854	4:31:30	:45	
③ 854	855	4:38:00-4:38:30	:30	
④ 855	856	4:39:00	:30	
⑤ 856	857	4:38:30	:30	
⑥ 857	858	4:40:00	:30	} 858.5 - 859.5 Sand w/ shale Bleeding oil
⑦ 858	859	4:40:45	:45	
⑧ 859	860	4:43:00	2:15	
⑨ 860	861	4:45:00	2:00	} 862 - 869.5 Sand Bleeding oil
⑩ 861	862	4:47:30	2:30	
⑪ 862	863	4:50:00	2:30	
⑫ 863	864	4:54:00	4:00	
⑬ 864	865	STOP	S	} Best Perf zone 852 - 859.5
⑭ 865	866	STOP	S	
⑮ 866	867			
⑯ 867	868			
⑰ 868	869			
⑱ 869	870			
⑲ 870	871			
⑳ 871	872			

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COMMISSION

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DIVISION
BARTLESVILLE, KANSAS