

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5682
Name Hughes Drilling Company
Address 122 North Main
Wellsville, Kansas 66092
City/State/Zip

Purchaser Enron Oil Trading & Purchasing Co

Operator Contact Person Roger A. Hughes
Phone 913-883-2235

Contractor: License # 5682
Name Hughes Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

JUL 01 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Drilling Method:
 Mud Rotary Air Rotary Cable

Oct. 14, 87 Spud Date
Oct. 20, 87 Date Reached TD
Oct. 20, 87 Completion Date
897
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 20.10 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from 0 feet depth to 20.10 / 5 SX cmt

API NO. 15-091-21,885
County Johnson

NE NW SE Sec. 36 Twp. 14 Rge. 21
2510 Ft N from South Line of Section
1350 Ft from East Line of Section
(Note: Locate well in section plat below)

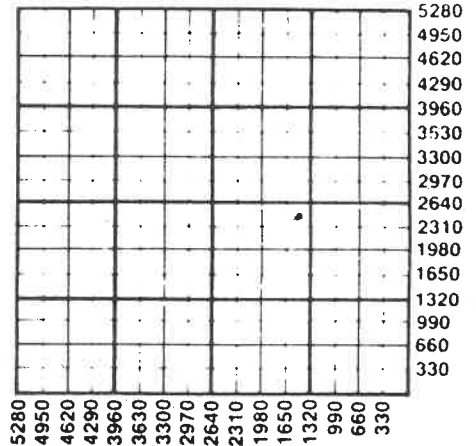
Lease Name Braun Well #. 5

Field Name Edgerton-Gardner

Producing Formation Bartlesville

Elevation: Ground KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #
 Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

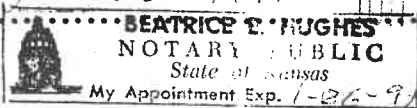
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held 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 drillers time log shall be attached with this form. 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 Paul R. Hughes
Title Partner Date 6-25-88

Subscribed and sworn to before me this 25 day of June 1988
Notary Public Beatrice E. Hughes

Date Commission Expires Jan 26 - 1991



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 36 Twp. 14 Rge. 21 E

Operator Name Hughes Drilling Company Lease Name Braun Well # 5

Sec..... 36 Twp..... 14 Rge..... 21 East West County..... Johnson

WELL LOG

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 sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

CASING RECORD <input type="checkbox"/> New <input 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		6 1/4"		20.10	Portland 5		
Production	5 1/8	2 7/8 10 rd.		893			

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	13 shots at 842' - 848'		

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method				
11-4-87	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	
	6				

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

HUGHES DRILLING REPORT

36-14-21E ¹³⁵

Well No. # 5 Size 6 1/4" Permanent CSG. Size _____ Tubing Size _____
 Farm BRAUN Feet 20 10 Feet _____ Feet _____
 Water Streak @ _____ Cond. USED Cond. _____ Cond. _____
 Water Level @ _____ Top Sand _____ T. D. at Completion _____
 Approved _____ Contractor HUGHES DRILLING CO.
 Superintendent _____

FORMATION DRILLED

STRATA THICKNESS	FORMATION DRILLED	T. D.
3	Soil	3
21	CLAY	24
14	SHALE	38
5	LIME	43
5	SAND	48
15	LIME	63
8	SHALE	71
9	LIME	80
5	SHALE	85
20	LIME	105
15	SHALE	120
4	SAND	124
26	LIME	150
25	SHALE	175
10	LIME	183
26	SHALE	211
10	LIME	221
9	SHALE	230
12	LIME	242
17	SHALE	259
4	SHALE	269
8	LIME	272
112	SHALE	280
30	25 LIME	322
6	SHALE	322
20	24 LIME	347
4	SHALE	347
4	LIME	353
3	SHALE	353
7	LIME	357
110	SHALE	377
5	SAND	387
55	SHALE	437
6	LIME	442
3	SHALE	447
5	LIME	457
6	SHALE	467
5	LIME	477
16	SHALE	497
3	LIME	507

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
10/14/81		0	3	Soil	023.0 - 23.0
		3	24	CLAY	023.5 - 47.5
10/15/81	New 11:30	24	38	SHALE	023.5 - 66.0
		38	43	LIME	022.5 - 88.5
		43	48	SAND GRAY	022.5 - 111.0
		48	63	LIME	022.5 - 133.5
		63	71	SHALE (DRK)	022.5 - 156.0
		71	80	LIME	022.5 - 178.5
		80	85	SHALE	022.5 - 201.0
		85	105	LIME	022.5 - 223.5
		105	120	SHALE	022.5 - 246.0
		120	124	SAND	022.5 - 268.5
		124	150	LIME	022.5 - 291.0
		150	175	SHALE	022.5 - 313.5
		175	183	LIME	022.5 - 336.0
		183	211	SHALE	022.5 - 358.5
		211	221	LIME	022.5 - 381.0
		221	230	SHALE	022.5 - 403.5
		230	242	LIME	022.5 - 426.0
		242	259	SHALE	022.5 - 448.5
		259	269	LIME	022.5 - 471.0
		269	272	SHALE	022.5 - 493.5
		272	280	LIME	022.5 - 516.0
		280	322	SHALE	022.5 - 538.5
30		322	347	LIME	022.5 - 561.0
		347	357	SHALE	022.5 - 583.5
20		357	377	LIME	022.5 - 606.0

RECEIVED
STATE CORPORATION COMMISSION

JUN 29 1980

255 BRAUN

COMPLETION REPORT

255 BRAUN

LIME 272-311-812

255 BRAUN
(SHALE 307-451)

SURVEY

842
95

HUGHES DRILLING REPORT

36-14-21E

Well No. #5 Size.....
 Farm BRAUN Feet.....
 Water Streak @..... Cond.....
 Water Level @..... Top Sand.....
 Approved..... Superintendent.....
 Permanent CSG. Size.....
 Feet..... Feet.....
 Cond..... Cond.....
 T. D. at Completion.....
 Contractor HUGHES DRILLING CO.

FORMATION DRILLED

STRATA THICKNESS	FORMATION DRILLED	T. D.
4	SHALE	613
13	Lime	626
5	Shale	631
9	Red Bed	640
7	SHALE	647
4	Lime	651
2	SHALE	657
2	Lime	657
2	SHALE	657
3	White Shale	666
3	SAND	666
39	SHALE	700
1	Lime	700
9	SHALE	716
6	Lime	716
9	SHALE	722
4	SAND	722
24	SHALE	725
3	Lime	725
4	SHALE	725
1	Lime	725
12	Lt Shale	77
66	SHALE	83
1	Lime	83
3	SHALE	84
2	Lime	84
7	SAND	84
48	SHALE	89
		TL

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
		377	381	SHALE (SLATE 380-381)	28 22.5-628.5
		381	385	LIME	29 22.5-651.0
		385	388	SHALE	30 22.5-673.5
	Heath	388	395	LIME "Heath"	31 22.5-696.0
		395	505	SHALE (Broken 378-401) (Sdy 430-431 Kachtown) (white 503-505)	32 22.5-718.5
		505	510	SAND (GRAY)	33 22.5-741.0
		510	565	SHALE (5/8" fine Brown) (Sdy 518-521)	34 22.5-763.5
		565	571	LIME	35 22.5-786.0
		571	574	SHALE	36 22.5-808.5
		574	579	LIME	37 22.5-831.0
		579	585	SHALE	38 22.5-853.5
		585	590	Lime Broken 588-590	39 22.5-876.0
		590	606	SHALE 590-592	
		606	609	Lime Brown	
		609	613	SHALE	
		613	626	Lime Broken 620-621	
		626	631	SHALE	
		631	640	Red Bed	
		640	647	SHALE (SLATE 644)	RECEIVED
		647	651	LIME	STATE CORPORATION COMMISSION
		651	653	SHALE	
		653	655	LIME	JUN 20 1903
		655	657	SHALE SLATE BREAK 657	REVISION
		657	660	White Shale	
	Spind	660	663	SAND GRAY w/ Uccy Lami Lt Shale	
		663	702	SHALE Sdy 663-668	
		702	703	LIME	

8 1/2
795

HUGHES DRILLING CO. 36-14-21E

Wellsville, Kansas 66092

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

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

CORE TIME
 LEASE # 5 BRAUN
 FORMATION Bartlesville
 DATE: 10/19/87 (RPM _____)

WELL NO. S.

FROM	FEET TO	TIME	MINUTES	REMARKS
842	843	CUT WITH TOOTH BIT		Slightly Laminated SAND w/ shale BLEEDING oil
① 843	844	S:10.00-8:10.30	.30	} Solid SAND Good Bleeding oil
② 844	845	S:11.00	.30	
③ 845	846	S:11.30	.30	
④ 846	847	S:12.15	.45	
⑤ 847	848	S:13.15	1.00	
⑥ 848	849	S:15.30	2.15	} Very Laminated SAND w/shale 848-849 some Bleeding oil
⑦ 849	850	S:19.15	3.45	
⑧ 850	851	S:22.30	3.15	
⑨ 851	852	S:26.15	3.45	} Striped SAND w/shale NO Bleeding oil
⑩ 852	853	STOP		
⑪ 853	854			} Best PERM Zone 842-848 RKH
⑫ 854	855			
⑬ 855	856			
⑭ 856	857			
⑮ 857	858			
RECEIVED STATE CORPORATION COMMISSION				
JUN 29 1988				
CONSERVATION DIVISION				