

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

8830

API NO. 15- 091-22,561 23-14-21E

County JOHNSON

NE - SW - NE - NW Sec. 23 Twp. 14 Rge. 21 XX

4310 Feet from (N) (circle one) Line of Section
3420 Feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE. (SE) NW or SW (circle one)

Lease Name PINZL Well # 1
Field Name Wildcat

Producing Formation D&A

Elevation: Ground na KB _____

Total Depth 907 PSTD _____

Amount of Surface Pipe Set and Cemented at 20.5 Feet

Multiple Stage Cementing Collar Used? _____ Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 20.5'
feet depth to surface w/ 7 _____ ex cat

Drilling Fluid Management Plan alt II op
(Data must be collected from the Reserve Pit) CB

Chloride content na ppm Fluid volume _____ bbl

Devestering 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 NORTH MAIN
WELLSVILLE, KS.

City/State/Zip 66092

Purchaser: _____

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
_____ New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

XX Dry _____ Other (Core, MSW, 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. _____

5/25/93 5/27/93 5/28/93
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 E. 10th and 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 6/8/93

Subscribed and sworn to before me this 8th day of June, 19 93.

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

STATE CORPORATION COMMISSION

DISTRIBUTION

KCC

KGS

SWD/Rep

Plug

Other

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CONSERVATION DIVISION

Wichita, Kansas

BEATRICE E. HUGHES

NOTARY PUBLIC

State of Kansas

My Appointment Exp. 3-1-95

Sec. 23 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 a 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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HERTHA	418	424
BARTLESVILLE	887	897

(CORE DETAILS ATTACHED)
(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 1/2	11	20.5	portland	7	none

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

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

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

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 ACO-18.)

METHOD OF COMPLETION: Open Hole Dually Comp. Commingled Other (Specify) PLUGGED D&A

Production Interval: _____

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

COPY

OPERATOR

HUGHES DRILLING CO.
122 NORTH MAIN
WELLSVILLE, KS. 66092

LOG

PINZL #1
JOHNSON CO., KANSAS
SEC. 23, TWP. 14s, RNG 21e

API # 15-091-22,561

NW $\frac{1}{4}$

4310 FSL
3420 FEL

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T
2	Soil	2	3	Shale	418
6	Sandstone (soft)	8	6	Lime "HERTHA"	424
5	Clay	13	108	Shale	532
9	Shale	22		(Brk. 430-434)	
8	Gray Sand	30		(Sdy 452-460)	
6	Shale	36	15	Sdy Shale	547
5	Lime	41	46	Shale	593
19	Shale	60	6	Lime	599
23	Lime	83	4	Shale	603
7	Dark Shale	90	3	Lime	606
9	Lime	99	8	Shale	614
7	Shale	106		(Slate 606-607)	
26	Lime	132	7	Lime	621
9	Gray Sand	141	16	Shale	637
40	Sdy Shale	181	4	Lime (Brown)	641
34	Lime	215	7	Shale	648
31	Shale	246		(Slate 641-642)	
7	Lime	253	10	Lime	658
13	Shale	266	6	Shale	664
14	Lime	280	7	Red Bed	671
10	Shale	290	9	Shale	680
13	Lime	303		(Slate 675-676)	
20	Shale	323	6	Lime	686
6	Lime	329	50	Shale	736
21	Shale	350	1	Lime	737
26	Lime 30'	376	9	Shale	746
6	Shale	382	1	Lime	747
	(Slate 381-382)		9	Shale	756
24	Lime 20'	406	2	Sdy Shale	758
4	Shale	410			
	(Slate 409-410)		6	Brown Sand #2	771
5	Lime	415		(no show)	
			22	Shale	782
				(Slate 782-783)	

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Wichita, Kansas

(continued page 2)

HUGHES DRILLING COMPANY
 122 NORTH MAIN
 WELLSVILLE, KANSAS 66092

COPY

LOG

PINZL #1

API #

(continued)

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T
3	Lime	789			
15	Shale (Lt, sdy 793-804)	804			
48	Shale (lamin. w/Red bed 804-812) (Slate 843-844)	852			
11	Dark Shale	863			
7	Shale	870			
2	Gray Sand (lamin. w/shale)	872			
7	Shale (some Red Bed 873-876)	879			
1	Lime	880			
7	Dark Shale	887			
10	Sand "BARTLESVILLE"	897			
10	Shale	907			
		T.D.			

5/25/93-5/28/93

Drilled 907' of hole (5")
 (Bartlesville core slot 888-907)

5/25/-Set 20.5' of 6 1/2" surface pipe
 cemented in with 7 sacks cement

5/27-Cored Bartlesville zone 888-907

5/28-Plugged Hole (Consolidated)

10 sacks cement at T.D.(907)
 10 sacks cement at 500'
 42 sacks cement at 350' to surface

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