

COPY

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

Operator: License # 5050Name: Hummon CorporationAddress 950 N. TylerCity/State/Zip Wichita, Kansas 67212Purchaser: Kansas Gas SupplyOperator Contact Person: Kent RobertsPhone (316) 773-2300Contractor: Name: Duke Drilling Inc.License: 5929Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSV, 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 ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____10-20-99 11-02-99 11-04-99

Spud Date Date Reached TD Completion Date

API NO. 15- 033-21038 0000County Comanche County, KansasE/2 SE Sec. 22 Twp. 32 Rge. 18 XX W1320 Feet from (S) N (circle one) Line of Section660 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 Keller Well # 1Field Name NescatungaProducing Formation Marmaton (Pawnee & Fort Scott)Elevation: Ground 2062' KB 2073'Total Depth 5677' PBTD _____Amount of Surface Pipe Set and Cemented at 682 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan AH-1, F-20-00 UO
(Data must be collected from the Reserve Pit)Chloride content 8,000 ppm Fluid volume _____ bblsDewatering method used Evaporation & AbsorptionLocation of fluid disposal if hauled offsite: N/A

Operator Name _____

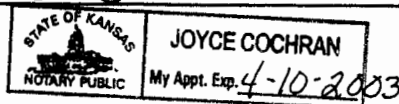
Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S 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 Kent RobertsTitle Lease Operations Manager Date 1-3-00Subscribed and sworn to before me this 4th day of January, 19 2000Notary Public Joyce CochranDate Commission Expires 4-10-2003

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

SIDE TWO

Operator Name Hummon Corporation Lease Name Keller Well # 1
 Sec. 22 Twp. 32 Rge. 18 ☐ East ☒ West
 County Comanche County, Kansas

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
 (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:

Neutron-Density, Dual Induction,
 Micro, Sonic, Bond

☐ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
 see 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
Conductor		20"		45'		4 yards	
Surface	12-1/4"	8-5/8"	24#	682'	Lite Class A	225 100	2%cc 3%cc 2%gel
Production	7-7/8"	4-1/2"	11.6 & 10.5	5673'	ASC	275	5#/sk kolseal

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	5028-5036'	1900 gal 20% MCA	
4	5060-5064'	Retreat w/ 9000 gal	
		20% Emulsified FE	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4993	N/A		
Date of First, Resumed Production, SWD or Inj.	1-3-00	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		COF 2,201			

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

HUMMON CORPORATION

COPY

Lease: Keller #1
 vt: C E/2 SE
 County: Comanche

Prospect: Nescatunga 97
 Section: 22-T32S-R18W
 State: Kansas

Elevation: G.L.= 2062
 K.B.= 2073

Contractor: Duke Drilling Company

Geologist: Arden Ratzlaff

Mud Co.: Mud Co.

Gas Sniffer: MBC

Testing: Trilobite

Supply Co: National

Cement: Allied Cementing

Key Well: J.M. Huber Corp.

#1 Keller

NW SE Sec. 22-32s-18w

Comanche County, Kansas

Spud Date: 10/20/1999 @ 8 PM

API # 15-033-21038

Tops	Sample		E- Log			Key Well
Heebner	4270	-2197	4272	-2199		
Brown Lime	4445	-2372	4445	-2372		
Lansing	4469	-2396	4465	-2392		
Stark Shale	4759	-2686	4762	-2689		
Hushpuckney Sh.	4825	-2752	4826	-2753		
Base KC	4862	-2789	4866	-2793		
Altamont	4980	-2907	4984	-2911		
Pawnee	5025	-2952	5025	-2952		
Fort Scott	5055	-2982	5056	-2983		
Mississippi	5116	-3043	5116	-3043		
Viola	5601	-3528	5668	-3595		
Total Depth	5677	-3604	5679	-3606		

DST #1 (5012-5076) 30-60-60-90 Strong blow, GTS 14". 25 mcf / 20", 28 mcf / 30". 2nd open, 35.9 mcf / 10", 39.2 mcf / 20", 45.5 mcf / 30", 47.1 mcf / 40", 50.2 mcf / 50", 53.2 mcf / 60". Recovered 100' drlg mud. FP: 65-68 / 65-75, SIP: 1845-1850. HP: 2428-2385. BHT 126.

DST #2 (5065-5102) 30-60-30-60 Weak blow built to 8", 2nd open, Strong blow off bottom of bucket in 50 Sec. Recovered 120 GIP, 15' drlg mud. FP: 27-23 / 18-21. SIP: 428-549. HP: 2450-2424. BHT 116.

DST #3 (5297-5333) 30-60-90-120. Fair blow built to bottom of bucket in 14 minutes. 2nd open, strong blow built to bottom of bucket in 7 minutes. Recovered 300' GIP, 30' drlg mud. FP: 19-22 / 22-28, SIP: 379-531. HP 2547-2518. BHT 122.

DST #4 (5672-5677) 30-60-60-90. Weak blow built to 1". 2nd open, Very weak blow that died to a surface blow (on & off). Recovered 32' of watery mud w/ a scum of oil. Chlorides 65,000 ppm. FP: 9-14 / 14-22, SIP: 1931-1933, HP: 2768-2722, BHT 129.

RECEIVED
 STATE CORPORATION COMMISSION

JAN 11 2000

CONSERVATION DIVISION
 Wichita, Kansas