

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.....
City/State/Zip Wellsville, Ks.: 66092

Purchaser...Fairway Crude, Inc.....

Operator Contact Person ...Roger A. Hughes...
Phone ...1-913-883-2235.....

Fracture: License # ...5682.....
NameHughes 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 OWNO: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

10/31/85 11/9/85... 11/9/85...
Spud Date Date Reached TD Completion Date
741'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 20.20 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...20.20w/.5...SX cmt

API NO. 15-.....059-24,019.....

County.....Franklin.....

.SW. .SW. .SE. Sec..2. Twp 16 S Rge. 20.. ☒ East
☐ West

.516..... Ft North from Southeast Corner of Section
.2446..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

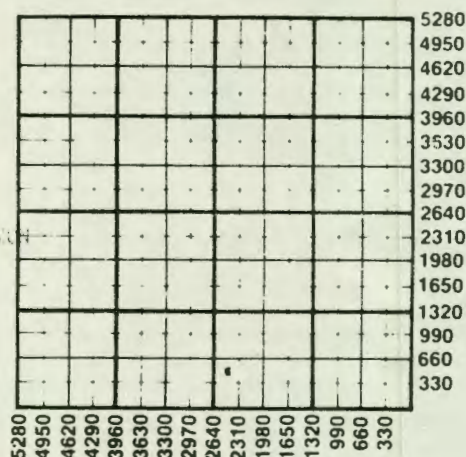
Lease Name North McMullen.....Well #...6...

Field Name.....LeLoup.....

Producing Formation...#1 Squirrel.....

Elevation: Ground.....KB.....

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

DEC 5 1985

CONSERVATION DIVISION
Wichita, Kansas

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, 800 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.

SIDE TWO

Operator Name Hughes Drilling Company Lease Name North McMillen Well # 6Sec. 2 Twp. 16S Rge. 20 ☒ East ☐ West County Franklin

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

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	.42				23.5
	Bbls	MCF	Bbls	CFPB	

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		6 1/2"		20, 20	Portland	5	
Production	5"	2 7/8"		720, 40			

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
14 shots	at 678' to 688'		

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production Producing Method

12/6/85 ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

TRACTOR

Oct. 31-Nov. 9, 1985

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

LOG
NORTH McMILLEN
WELL NO. 6
FRANKLIN CO., KS.

SW SW SE
Sec. 2, Twp. 16S, Rng. 20E

Hughes Drilling Company
122 North Main
Wellsville, Kansas 66092
API # 25-059-24,019
516 ft. N from SE corner
2446 ft. W from SE corner
of Section

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	3	Gray Sand "PERU"	531
22	Clay	24	32	Shale	563
4	Shale	38	3	Lime	566
25	Lime	63	7	Shale	573
7	Dark Shale (Slate 68-69)	70	4	Sand "WAYSIDE" (Some bleeding oil)	577
11	Lime	81	7	Shale	584
6	Shale	87	10	Lime (Oil trace 587-589)	594
16	Lime	103	8	Shale	602
13	Shale	116	5	Lime	607
15	Sand	131	7	Shale	614
2	Shale	143	8	Lime	622
	Lime	176	13	Shale	635
60	Shale (Sdy. Lime 187-188)	236	4	Lime(Brown)	639
23	Lime	259	4	Shale	643
9	Shale	278	8	Lime	651
	Lime	284	11	Shale (Slate 661-662)	662
29	Shale (Limebreak 306)	313	5	Lime (Soft) (Bleeding oil 662-666)	667
7	Lime	323			
23	Shale (Lime 329-330)	346	5	Shale (Broken/lime)	672
23	Lime 30'	369	18	Oil Sand ("#1 SQUIRREL")	690
10	Shale ((Slate 377-378)	379	33	Shale	723
23	Lime 20'	402	1	Lime	724
3	Shale (Slate 404-405)	405	1	Gray Sand	725
4	Lime	409	9	Gas Sand ("#2 SQUIRREL")	734
	Shale	410			
6	Lime "HERTHA"	416	1	Oil Sand	735
112	Shale (Sdy. 459-467)	528	6	Shale	741T.D.

RECEIVED
STATE OF KANSAS
GEOLOGICAL SURVEY

DEC 5 1985

WICHITA, KANSAS

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

DEC 8 1986

CONTRACTOROPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

LOG
NORTH McMILLEN
cont.
WELL NO. 6

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
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Oct. 31-Nov. 9, 1985

Drilled 741 ft. of 5" hole.

Set 20.20 ft. of used 6½" surface pipe.

Cemented in with 5 sacks cement.

Cored #1 SQUIRREL 672'-692'.

Cored #2 SQUIRREL 725'-742'.

Set 720.40 ft. of 2 7/8" 10 rd. reg. pipe.

Seating nipple at 675 ft..

Used 4 centralizers.

Bolt in bottom.

HUGHES DRILLING CO.

Wellsville, Kansas 66092

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

CORE TIME

Ron 913-883-4655
Clay 913-882

LEASE # 6 N. McMillen

FORMATION # 2 Squirrel

DATE: 11/5/85

(RPM 80)

FROM	FEET TO	TIME	MINUTES	REMARKS
723	724	chip sampled	—	lime
724	725	" "	—	Gray sand
① 725	726	3:16:00-3:16:30	:30	Solid lt. Brown Gas sand
② 726	727	3:16:30-3:17:00	:30	
③ 727	728	3:17:00-3:17:45	:45	
④ 728	729	3:17:45-3:18:15	:30	
⑤ 729	730	3:18:15-3:18:45	:30	
⑥ 730	731	3:18:45-3:19:15	:30	slightly lamin w/shale (oil show)
⑦ 731	732	3:19:15-3:19:45	:30	
⑧ 732	733	3:19:45-3:20:30	:45	
⑨ 733	734	3:20:30-3:21:30	1:00	Oil sand slightly laminated (Bleeding oil)
⑩ 734	735	3:21:30-3:23:15	1:45	
⑪ 735	736	3:23:15-3:25:30	2:15	shale
⑫ 736	737	3:25:30-3:27:45	2:15	
⑬ 737	738	3:27:45-3:30:45	3:00	
⑭ 738	739	3:30:45-3:33:15	2:30	
⑮ 739	740	3:33:15-3:36:00	2:45	
⑯ 740	741	3:36:00-3:39:00	3:00	
⑰ 741	742	3:39:00-3:		
⑱ 742	743	STOP		
⑲ 743	744			
⑳ 744	745			

HUGHES DRILLING CO. 2-16-2005

Wellsville, Kansas 66092

Loger 913-883-2235
Darrel 913-883-4027

CORE TIME

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

LEASE #6 N. McMullen

FORMATION #1 Squirrel

DATE: 11/4/85

(RPM 80)

	FROM	FEET TO	TIME	MINUTES	REMARKS
①	672	673	2:55:00 - 2:56:15	1:15	lamin. w/shale (Some Bleeding)
②	673	674	2:56:15 - 2:57:00	:45	Solid Sand (Some Bleeding oil)
③	674	675	2:57:00 - 2:57:30	:30	
④	675	676	3:03:00 - 3:03:30	:30	
	676	677	3:03:30 - 3:04:00	:30	
⑤	677	678	3:04:00 - 3:04:30	:30	lamin. w/shale (Some Bleeding)
⑥	678	679	3:04:30 - 3:04:45	:15	lamin. w/shale
⑦	679	680	3:04:45 - 3:05:15	:30	Solid Sand (Bleeding oil)
⑧	680	681	3:05:15 - 3:06:00	:45	
⑨	681	682	3:06:00 - 3:06:30	:30	
⑩	682	683	3:06:30 - 3:07:15	:45	
⑪	683	684	3:07:15 - 3:08:15	1:00	lamin. w/shale (Bleeding oil)
⑫	684	685	3:08:15 - 3:09:15	1:00	Solid Sand (Good Bleeding oil)
⑬	685	686	3:09:15 - 3:10:00	:45	
⑭	686	687	3:10:00 - 3:10:30	:30	
⑮	687	688	3:10:30 - 3:12:00	1:30	
⑯	688	689	3:12:00 - 3:13:15	1:15	lamin. w/shale (Bleeding oil)
⑰	689	690	3:13:15 - 3:14:45	1:30	Very lamin. w/shale (Some Bleeding)
⑱	690	691	3:14:45 - 3:16:45	2:00	shale
⑳	691	692	3:16:45 - 3:17:00	:15	
			STOP		
					(Best Perf Zone)
					678 - 688

Do Not change