2-16-20E

SIDE ONE

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

Contractor: License # 5682
Name Hughes Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion
[ ] New Well [ ] Re-Entry [ ] Workover

[X] 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

WELL HISTORY

Drilling Method:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

4/8/85 — Spud Date
4/16/85 — Date Reached TD
4/16/85 — Completion Date

720.50' — Total Depth
PBTD

Amount of Surface Pipe Set and Cemented at 20 feet
Multiple Stage Cementing Collar Used? [ ] Yes [ ] No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15- 059-23,878

County Franklin

NW NW SE Sec 2 Twp 16 Rge 20 [X] East [ ] West

2066 Ft North from Southeast Corner of Section
2446 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

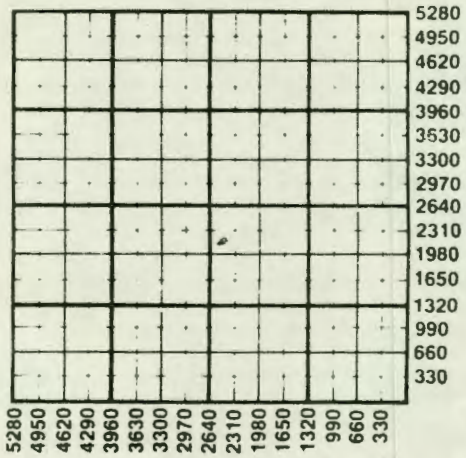
Lease Name McMillen Well # 2

Field Name

Producing Formation #1 Squirrel

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.

SIDE TWO

Operator Name Hughes Drilling Company Lease Name McMillen Well # 2

Sec. 2 Twp. 16S Rge. 20 [X] East [ ] West County Franklin

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill ste tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-i pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rate 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 Bbl. Bbls	MCF	Bbls	CFPB	23.5

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		6¾"		20'	Portland	5	
Production	5.1/8	2⅞"		720.50			

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated
	17 shots 672.0'-680.0'

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer at

Liner Run [ ] Yes [ ] No

Date of First Production ~~[illegible]~~ 7/9/85

Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain)

2-16-20E

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

April 8-16, 1985

LOG
McMILLEN
WELL NO. 2
FRANKLIN CO., KS.
SEC. 2, Twp. 16S, Rng. 20E
NW NW SE

OPERATOR

Hughes Drilling Co
122 North Main
Wellsville, Kansas

API #15-059-23,878

2066' N from SE cor
2446' W from SE cor
of Secti

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	Soil	3
15	Clay	18
10	Shale	28
4	Lime (Hard)	32
[illegible]	Shale (Lamin. clay, lime & a strip of coal)	35
17	Lime	52
[illegible]	Shale (Dark 52-55) (Slate 58-59)	59
10	Lime	69
7	Shale	76
19	Lime	95
[illegible]3	Shale	133
2	Sand (Gray)	135
22	Shale(Sdy. 135-153)	157
19	Lime	176
57	Shale	233
23	Lime	256
[illegible]	Shale(Sdy.)	268
7	Lime(Bkn. 268-271)	275
27	Shale	302
13	Lime(Oil trace 306 (Oil trace 306-311)	315
21	Shale(Lime 319-320)	336
24	Lime 30'	360
10	Shale(Slate 368-369)	370
21	Lime 20'	391
5	Shale(Slate 395-396)	396
4	Lime	400
[illegible]	Shale	402
	Lime "HERTHA"	408
113	Shale(Brk. 411-414)	521

STRATA THICKNESS	FORMATION DRILLED	T.
3	Sand "PERU" (No show)	524
36	Shale (Sdy. 526-529 Oil trace) (Brk. 539-560)	560
2	Lime	562
3	Oil Sand"WAYSIDE"	565
9	Shale	574
10	Lime	584
7	Shale	591
5	Lime	596
10	Shale(Slate 603-604)	606
5	Lime	611
14	Shale	625
2	Lime	627
7	Shale(Slate 631-632)	634
7	Lime	641
15	Shale(Slate 655-656)	656
2	Lime	658
5	Shale	663
3	Gray Sand & White sh (Oil trace 666)	666
2	Shale	668
13	Oil Sand "#1 SQUIRREL"	681
34	Shale(Limebreak 707')	715
1	Lime	716
1	Shale	717
3	Sand "#2 SQUIRREL" (Oil trace) (Very lamin. w/shale)	720
20	Shale(Very Sdy., oil trace 725-735)	740T.

STATE CORPORATION COMMISSION
DEC 5 1985
CONSERVATION DIVISION
Wichita, Kansas

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
DEC 8 1986

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

OPERATOR

LOG
McMILLEN
Well No. 2
cont.

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
Drilled 740 ft. of 5 1/8" hole.					
Set 20 ft. of used 6¼" surface pipe.					
Cemented in with 5 sacks cement.					
Cored "Wayside" 563'-576'.					
Cored #1 Squirrel 666'-686'.					
Set 720,50 ft. of 2½" 10 rd. Ieg pipe.			thick wall.		
Seating nipple at 666.15 ft.					
Used 4 centralizers.					
Bolt in bottom.					

HUGHES DRILLING CO.

Wellsville, Kansas

2-16-205

Roger 913-[illegible]-2235
Darrel 913-883-4027

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

CORE TIME

LEASE #2 McM[illegible]

FORMATION Wayside

DATE: 4/10/95

(RPM 80)

	FEET FROM	TO	TIME	MINUTES	REMARKS
	562	563	cut with tooth bit	—	
1	563	564	10:47:00 - 10:47:45	:45	Solid Sand Bleeding (lime)
2	564	565	10:48 :30	:45	
3	565	566	10:50:00	1:30	
	566	567	10:52:00	2:00	
5	567	568	10:53:15	1:15	
6	568	569	10:54:45	1:30	shale
7	569	570	10:56:00	1:15	
	570	571	10:57:15	1:15	
9	571	572	10:58:45	1:30	
10	572	573	10:59:45 ?	1:00	
11	573	574	11:01:30	1:45	
	574	575	11:02:30	1:00	lime
13	575	576	11:04:00	1:30	
14					
16					
17					
18					
19					
20					

DEC 5 1995
CONSERVATION DIVISION

HUGHES DRILLING CO.

Wellsville, Kansas 66092

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

Ron 913-883-465
Clay 913-883-438

CORE TIME

LEASE #2 McMillen

FORMATION #1 Squirrel

DATE: 4/10/85

(RPM 80)

FROM	TO	TIME	MINUTES	REMARKS
666	667	3:46.00 – 3:48.15	2.15	Shale
667	668	3:48.15 – 3:51.30	3.15	
668	669	3:51.30 – 3:53.00	1.30	Took
669	670	3:53.00 – 3:54.30	1.30	Sand lamin. w/shale (Bleeding oil)
670	671	3:54.30 – 3:56.15	1.45	TO
671	672	3:56.15 – 3:58.00	1.45	
672	673	3:58.00 – 3:58.30	.30	Core
673	674	3:58.30 – 3:59.00	.30	Solid Sand (Bleeding oil)
674	675	3:59.00 – 4:00.00	1.00	LAB.
675	676	Stop 4:04.00 – 4:04.45	.45	
676	677	4:04.45 – 4:06.15	1.30	
677	678	4:06.15 – 4:08.15	2.00	
678	679	4:08.15 – 4:09.45	1.30	Sand lamin. w/shale (Bleeding oil)
679	680	4:09.45 – 4:11.15	1.30	
680	681	4:11.15 – 4:13.45	2.30	
681	682	4:13.45 – 4:15.45	2.00	
682	683	4:15.45 – 4:18.30	2.45	Sdy Shale
683	684	4:18.30 – 4:22.00	3.30	
684	185	4:22.00 – 4:25.30	3.30	
185	686	4:25.30 – 4:29.15	3.45	
		Stop		