

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 # ~~4439~~ 4439
Name Hughes Drilling Company-RCD
Address 122 North Main
City/State/Zip Wellsville, Kansas 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
 Oil Gas Dry
 SWD Inj Other (Core, Water Supply etc.)
 Temp Abd Delayed Comp.

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4/19/85 4/23/85 4/23/85
Spud Date Date Reached TD Completion Date
762' PBD
Total Depth

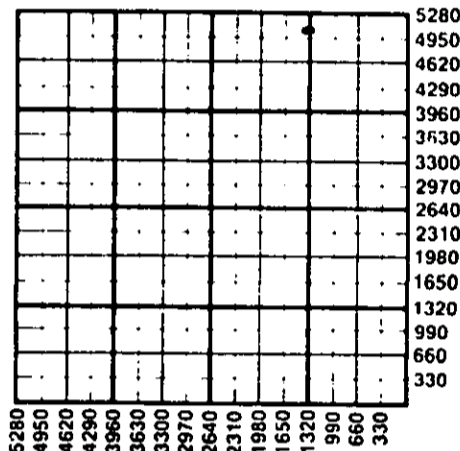
Amount of Surface Pipe Set and Cemented at 21.10 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from 0 feet depth to 21.10 w/ 5 SX cmt

API NO. 15-059-23,891-00-00
County Franklin
N 1/2 N 1/2 Sec. 11 Twp 16 Rge. 20

5080 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name McMillan South Well #1
Field Name LeLoup
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.

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 Daniel R. Hughes
Title Partner Date 12-2-86
Subscribed and sworn to before me this 2nd day of December 1986
Notary Public Beatrice E. Hughes
Date Commission Expires 1-26-87

BEATRICE E. HUGHES
NOTARY PUBLIC
State of Kansas
My Appointment Exp. 1-26-87

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. 11 Twp. 16 Rge. 20

SIDE TWO

Operator Name Hughes Drilling Co. - RCD Lease Name McMillen South Well # 1

Sec. 11 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

| 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 1/2" | | 21.10 | Portland | 5 | |
| Production | 5.1/8 | 2.7/8 | | 738.70 | | | |

| PERFORATION RECORD | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | |
|--------------------|---|--|-------|
| Shots Per Foot | Specify Footage of Each Interval Perforated | | Depth |
| | 13 holes from 698' to 704' | | |

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

| Date of First Production | Producing Method | | | | |
|-----------------------------------|--|-----|-------|---------------|---------|
| 6/19/85 | <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 |
| | .42 | | | | 24 |
| | Bbls | MCF | Bbls | CFPB | |

METHOD OF COMPLETION

Production Interval

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

CONTRACTOR

April 19-23, 1985

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

Hughes Drilling Company
122 North Main
Wellsville, Kansas 66092

LOG

SOUTH McMILLEN
WELL NO. 1
FRANKLIN CO., KS.
SEC. 11, TWP. 16S, RNG. 20E
N $\frac{1}{2}$ N $\frac{1}{2}$ NE

API # 15-059-23,891

5080' N from SE corner
1320' W from SE corner
of Section

| STRATA THICKNESS | FORMATION DRILLED | T.D. | STRATA THICKNESS | FORMATION DRILLED | T.D. |
|------------------|------------------------------|------|---|------------------------------|-------|
| 2 | Soil | 2 | 7 | Shale | 587 |
| 41 | Clay (Some gravel 35-41) | 43 | 1 | Sand "WAYSIDE" (Oil Show) | 588 |
| 11 | Shale | 54 | 10 | Shale | 598 |
| 24 | Lime(slate 59-60) | 78 | 9 | Lime | 607 |
| 9 | Shale(Dark) (Slate 85-86) | 87 | 8 | Shale | 615 |
| 11 | Lime | 98 | 5 | Lime | 620 |
| 6 | Shale | 104 | 6 | Shale(Slate 625-626) | 626 |
| 17 | Lime | 121 | 8 | Lime | 634 |
| 35 | Shale | 156 | 15 | Shale | 649 |
| 27 | Lime | 183 | 2 | Lime | 651 |
| 6 | Shale | 189 | 7 | Shale(Slate 657-658) | 658 |
| 2 | Sand | 191 | 6 | Lime | 664 |
| 62 | Shale | 253 | 13 | Shale | 677 |
| 21 | Lime | 274 | 5 | Lime | 682 |
| 5 | Sand | 279 | 3 | Shale(White) | 685 |
| 12 | Shale(Sdy.) | 291 | 11 | Gas Sand(Oil trace) | 696 |
| 6 | Lime | 297 | 10 | Oil Sand #1 SQUIRREL | 706 |
| 26 | Shale | 323 | 32 | Shale | 738 |
| 12 | Lime | 335 | 1 | Lime | 739 |
| 24 | Shale(Lime 342-343) | 359 | 11 | Gas Sand #2 SQUIRREL | 750 |
| 25 | Lime 30' | 384 | 12 | Shale | 762TD |
| 9 | Shale(Slate 392-393) | 393 | Drilled 762 ft. of 5 1/8" hole. | | |
| 21 | Lime 20' | 414 | Set 21.10 ft. of used 6 1/4" surface pipe. | | |
| 4 | Shale(Slate 417-418) | 418 | Cemented in with 5 sacks cement. | | |
| 4 | Lime | 422 | Cored #1 Squirrel 686'-706'. | | |
| 2 | Shale | 424 | Set 738.70 ft. of 2 7/8" 10 rd. reg. (Thick wall). | | |
| 5 | Lime "HERTHA" | 429 | No seating nipple. | | |
| 114 | Shale(Brk. 432-435) | 543 | Bolt in bottom. | | |
| 2 | Lime(Sdy.) | 545 | Used 4 centralizers. | | |
| 32 | Shale(Brk. 563-567) | 577 | DEC 5 1985 | | |
| 3 | Lime | 580 | REGION | | |

HUGHES DRILLING CO.

Pg. 1

Wellsville, Kansas 66092

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

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

CORE TIME
LEASE # 1 South McMillen
FORMATION #1 Squirrel
DATE: 4/22/04

(RPM 80)

| FROM | FEET TO | TIME | MINUTES | REMARKS |
|------|---------|--------------------|---------|---|
| 685 | 686 | cut with tooth bit | | Very laminar w/s shale Gas Sand (oil trace) |
| 686 | 687 | 2:48:00 - 2:49:00 | 1:00 | |
| 687 | 688 | 2:49:30 | :30 | Gas Sand (Few shale streaks (oil trace)) |
| 688 | 689 | 2:49:45 | :15 | |
| 689 | 690 | 2:50:15 | :30 | |
| 690 | 691 | 2:50:45 | :30 | |
| 691 | 692 | 2:51:30 | :45 | |
| 692 | 693 | 2:52:00 | :30 | |
| 693 | 694 | 2:52:30 | :30 | |
| 694 | 695 | 2:53:00 | :30 | |
| 695 | 696 | 2:53:30 | :30 | Oil Sand |
| 696 | 697 | 2:54:15 | :45 | |
| 697 | 698 | 2:55:00 | :45 | |
| 698 | 699 | 2:55:45 | :45 | |
| 699 | 700 | 2:56:30 | :45 | Solid Sand (Few shale streaks 696-698) (bleeding oil) |
| 700 | 701 | 2:57:30 | 1:00 | |
| 701 | 702 | 2:58:15 | :45 | Oil Sand laminar w/shale (bleeding oil) |
| 702 | 703 | 2:59:00 | :45 | |
| 703 | 704 | 3:00:45 | 1:45 | Time 704-704.5 very laminar w/shale (little bleeding oil) |
| 704 | 705 | 3:02:15 | 1:30 | |
| 705 | 706 | STOP | | Shale |

(Best Perf Zone)
697-704 cat