

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

API NO. 15- 059-24,693

County FRANKLIN

NE NE SW NE Sec. 33 Twp. 15 Rge. 21 XX E

Operator: License # 5682

Name: HUGHES DRILLING CO.

Address 122 N. MAIN

WELLSVILLE, KS.

City/State/Zip 66092

Purchaser: ENRON

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 SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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. _____

7/2/92 6/4/92 7/2/92
Spud Date Date Reached TD Completion Date

3675 3744 Feet from S/N (circle one) Line of Section

1590 1629 Feet from E/W (circle one) Line of Section
KCC

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

Lease Name MURPHY Well # 2-I

Field Name PAOLA-RANTOUL

Producing Formation #1 SQUIRREL

Elevation: Ground na KB _____

Total Depth 730 PSTD _____

Amount of Surface Pipe Set and Cemented at 22.35 Feet

Multiple Stage Cementing Cellar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 725

feet depth to surface w/ 91 ex est.

Drilling Fluid Management Plan ALT 2 9/21/92 JAH
(Data must be collected from the Reserve Pit)

Chloride content na ppm Fluid volume _____ bbls

Dewatering 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. _____

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 Carl C. Hughes

Title Partner Date 7/2/92

Subscribed and sworn to before me this 19th day of July, 19 92.

Notary Public Beatrice E. Hughes

Date Commission Expires _____

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Reul NGRA

KGS Plug Other

(Specify)

RECEIVED

KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION

Wichita, Kansas

BEATRICE E. HUGHES
NOTARY PUBLIC
State of Kansas
My Appointment Exp. 3-1-95

Operator Name MOORE DRILLING CO.

Lease Name MURPHY

Well # 2-1

Sec. 33 Twp. 15 Rge. 21

East
 West

County FRANKLIN

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.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum
HERTHA 405-411
#1 SQUIRREL 690-701

List All E.Logs Run:

(DRILLERS LOG ATTACHED)
(CORE DETAILS ATTACHED)

GAMMA RAY-NEUTRON

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 Lba./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	9 7/8	6 1/4	11	22.35	portland	5	none
production	5 1/4	2 3/8	7	725'	portland	91	2% gel

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	694-701	Acid- 150 gal. 15% HCl	694-701

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SMD or Inj.	Producing Method
7/2/92 Injection	<input 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
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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 _____

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

33-15-21E
OPERATOR

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

LOG
MURPHY
WELL #2-I
FRANKLIN CO., KANSAS
SEC. 33, TWP. 15s., RNG. 21e

API # 15-059-24,693
3675FSL
1590FEL
NE SW NE

6/2/92-6/4/92

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	13	Shale	654
21	Clay	23		(Slate 641-642)	
24	Lime	47	5	Lime	659
8	Dark Shale	55	19	Shale	678
10	Lime	65	3	Lime	681
6	Shale	71	9	Shale	690
17	Lime	88	11	Oil Sand #1 Squirrel	701
44	Shale (Sdy 115-125)	132	29	Shale	730 T.D.
17	Lime	149			
79	Shale	228			
22	Lime	250			
24	Shale	274			
7	Lime	281			
11	Shale	292			
7	Red Bed	299			
39	Shale	338			
25	Lime 30'	363			
7	Shale (Slate 367-368)	372			
23	Lime 20'	395			
4	Shale (Slate 398-399)	399			
3	Lime	402			
3	Shale	405			
6	Lime "HERTHA"	411			
53	Shale	464			
4	Gray Sand	468			
152	Shale	620			
4	Lime	624			
13	Shale	637			
4	Lime (Hard, Brown)	641			

6/2/92-6/4/92

Drilled 730' of 5½" hole
Set 22.35' of surface pipe 6/2/92
cemented in with 5 sacks cement
Cored #1 Squirrel zone 689-709 6/4/92
Set 725' of 2 3/8" 8rd upset pipe 6/
(Epoxy lined)
used 3 centralizers
bolt in bottom

RECEIVED
STATE CORPORATION COMMISSION
JUL 27 1992
CONSERVATION DIVISION
Wichita, Kansas

HUGHES DRILLING CO.

COPY

Wellsville, Kansas 66092

33-15-21E

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

CORE TIME

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

LEASE Murphy #2-I
FORMATION #1 Squirrel
DATE: 6-4-92

(RPM Shave Bit)

FROM	FEET TO	TIME	MINUTES	REMARKS	
①	689	690	9:51:00-9:58:15	1:15 } Sol. line + shale Oil trace	
②	690	691	10:00:00	1:45 } sand 690.5-691.5 (bleeding slightly lamin. w/shale Oil)	
③	691	692	10:01:45	1:45	
④	692	693	10:03:45	2:00 } Sand very lamin. w/shale 691.5-694 (little bleeding Oil)	
⑤	693	694	10:05:45	2:00	
⑥	694	695	10:06:45	1:00 } slightly lamin. w/shale (bleeding Oil)	
⑦	695	696	10:08:45	2:00 } Sand very lamin. w/shale 695-696 (little bleeding Oil)	
⑧	696	697	10:10:00-10:11:15	1:15 } STOP ADD JOINT	
⑨	697	698	10:16:00-10:16:30	:30 } Solid Sand (Good bleeding Oil)	
⑩	698	699	10:17:00	:30 } 696.5-699	
⑪	699	700	10:18:30	1:30 } Sand slightly lamin. (bleeding Oil)	
⑫	700	701	10:19:30	1:00 } Sand lamin. w/shale (bleeding Oil)	
⑬	701	702	10:20:45	1:15 } Sol. shale	
⑭	702	703	10:22:15	1:30 } thin scattered strips of sand	
⑮	703	704	10:25:15	3:00 } shale	
⑯	704	705	10:28:15	3:00	
⑰	705	706	10:31:45	3:30	
⑱	706	707	10:35:00	3:15	
⑲	707	708	10:38:15	3:15	
⑳	708	709	10:41:15	3:00	
Perfed 7-1-92				15 spots (ALUMINA) 694-701 697	TOOK TO OIL FIELD RESER. 1-690.5-691.5 2-REMOVED 695 3-697-698 4-JUL 28 1992 5-695-709
(Best Perf Zone 701)				411/56	CONSERVATION DIVISION Wichita, Kansas