

COPY

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

Operator: License # 5663

Name: Hess Oil Company

Address P. O. Box 1009

City/State/Zip McPherson, KS 67460

Purchaser: N.C.R.A.

Operator Contact Person: Bryan Hess

Phone (316) 241-4640

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: James C. Hess

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7-15-96 7-21-96 8-14-96

Spud Date Date Reached TD Completion Date

API NO. 15- 195-221780000

County Trego

Approx. S2 - NW Sec. 26 Twp. 11 Rge. 21 E W

2040 Feet from /N (circle one) Line of Section

1440 Feet from /W (circle one) Line of Section

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

Lease Name Lucille Well # 3

Field Name Wall

Producing Formation Arbuckle

Elevation: Ground 2312' KB 2317'

Total Depth 4000' PBSD _____

Amount of Surface Pipe Set and Cemented at 224 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1724 Feet

If Alternate II completion, cement circulated from 1724

feet depth to surface w/ 375 sx cmt.

Drilling Fluid Management Plan A14-2, 3-4-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

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, 130 S. Market - Room 2078, 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 James H. Hess

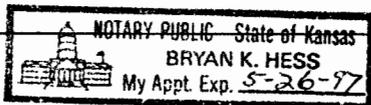
Title James H. Hess, Vice-President Date 11-5-96

Subscribed and sworn to before me this 11th day of November,

1996

Notary Public Bryan K Hess

Date Commission Expires 11-5-97



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) IS

Operator Name Hess Oil Company Lease Name Lucille Well # 3

Sec. 26 Twp. 11 Rge. 21 East West
 County Trego

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: Radiation Guard

<input type="checkbox"/> Log Formation (Top), Depth and Datums <input checked="" type="checkbox"/> Sample		
Name	Top	Datum
Anhydrite	1734'	(+583')
Base Anhydrite	1791'	(+526')
Topeka	3345'	(-1028')
Heebner	3555'	(-1238')
Toronto	3583'	(-1266')
Lansing	3594'	(-1277')
Muncie Creek Shale	3721'	(-1404')
Base Kansas City	3820'	(-1503')
Arbuckle	3903'	(-1586')
RTD	4000'	(-1683')

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12-1/4"	8-5/8"	20#	224'	60/40 Pozmix	140	3% gel, 2% cc
Production	7-7/8"	5-1/2"	14&15#	3996'	EA-2	150	5% calseal, 18% salt 3/4% Ha-322
					& Hal. Lite	375	1/4# flocele

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	
3	3922'-3926'	300 gal 15% Hcl + 300 gal 15% Hcl	
3	3905'-3911'	300 gal 15% Hcl	

TUBING RECORD			
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8"	3924'		
Date of First, Resumed Production, SWD or Inj. <u>8-15-96</u>		Producing Method <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 <u>9</u> Bbls.	Gas <u>0</u> Mcf	Water <u>0</u> Bbls. Gas-Oil Ratio <u>36</u> Gravity

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled 3905'-3926'
 Other (Specify) _____

ACO-1 Completion Form Attachment

Lucille #3

Approx. S/2 NW/4, Section 26-11-21W, Trego County, KS
API #15-195-221780000

- DST #1** Interval: 3605'-3700'
Times: 60-45-60-45
Initial Flow: Weak surface blow slowly built to bottom in 52 min.
Final Flow: Weak surface return staying steady a 1/2" throughout
Recovery: 5' Free Oil - 100% Oil
555' Muddy Water - 85% Water, 15% Mud
Pressures: IH 1921#, IF 133-266#, ISI 509#, FF 320-351#, FSI 527#, FH 1858#
Temp: 123F
- DST #2** Interval: 3740'-3810'
Times: 30-30-0-0
Initial Flow: Weak 1/4" blow decreased and died in 20 min
Final Flow: Tool out of hole at company orders
Recovery: 5' Drilling Mud w/show of oil in tool
Pressures: IH 1879#, IF 87-87#, ISI 141#, FF ---, FSI ---, FH 1870#
Temp: 125F
- DST #3** Interval: 3890'-3914'
Times: 60-45-60-45
Initial Flow: Surface blow slowly built to 3"
Final Flow: Surface return, 1/4" blow throughout
Recovery: 140' Slightly Gassy Oil - 5% Gas, 95% Oil
60' Gassy Oil Cut Mud - 15% Gas, 5% Oil 80% Mud
Pressures: IH 1983#, IF 40-52#, ISI 505#, FF 83-89#, FSI 489#, FH 1945#
Temp: 126 F
- DST #4** Interval: 3912'-3924'
Times: 60-45-60-45
Initial Flow: Weak 1/2" blow, steady throughout
Final Flow: Weak surface return in 10 min, steady throughout
Recovery: 30' Slightly Gassy Oil - 5% Gas, 95% Oil
90' Slightly Gassy Water & Mud Cut Oil - 5% Gas, 80% Oil 5% Water, 10% Mud
30' Oil & Water Cut Mud - 10% Oil, 10%Water, 80% Mud
Pressures: IH 2049#, IF 50-62#, ISI 603#, FF 81-87#, FSI 591#, FH 1969#
Temp: 126 F
- DST #5** Interval: 3922'-3934'
Times: 30-30-0-0
Initial Flow: Weak surface blow died in 12 min
Final Flow: Tool out of hole at company orders
Recovery: 15' Oil spotted Mud
Pressures: IH 2015#, IF 48-48#, ISI 685#, FF ---, FSI ---, FH 1973#
Temp: 125 F