

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 # 5663  
Name Hess Oil Company  
Address P.O. Box 905  
McPherson, Kansas 67460  
City/State/Zip

Purchaser N.C.R.A.

Operator Contact Person James C. Hess  
Phone 316-263-2243

Contractor: License # 4630  
Name Mallard Drilling

Wellsite Geologist James C. Hess  
Phone 316-263-2243

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 Alpine Oil & Royalty Co.  
Well Name Smith #1  
Comp. Date 4/28/72 Old Total Depth 3850'

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

1/31/86 2/4/86 2/19/86  
Spud Date Date Reached TD Completion Date

3942'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1132 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. 15-009-20671A  
County Barton  
C NE Sec. 19 Twp. 20 Rge. 15  East  West

3960 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

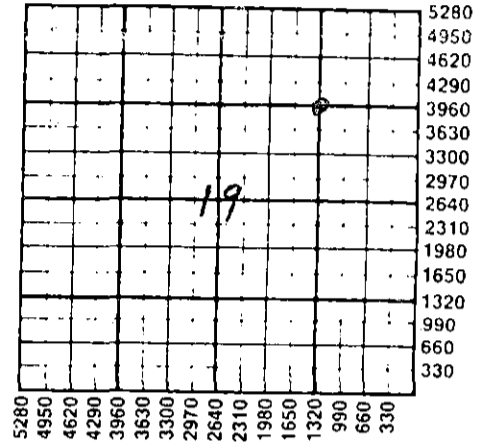
Lease Name M. Smith Well # 1

Field Name Converse

Producing Formation Arbuckle

Elevation: Ground 2111' 2119' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # D-21,195

Questions on this portion of the ACO-1 call:  
Water Resources Board (213) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater 3960 Ft North from Southeast Corner (Well) 1320 Ft West from Southeast Corner of Sec 3 Twp 20 Rge 15  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.

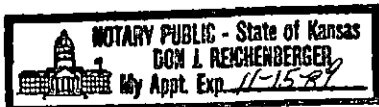
Signature Bryan Hess  
Title Bryan Hess, Mgr Date 3/18/86

Subscribed and sworn to before me this 18th day of March 1986  
Notary Public Don J. Reichenberger  
Date Commission Expires 11-15-89

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)



APR 2 1986  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 19 Twp. 20 Rge. 15

Operator Name Hess Oil Company Lease Name M. Smith Well # 1

Sec. 19 Twp. 20 Rge. 15  East  West County Barton

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

DST#1: 3864'-3871', 15-30-45-45. Rec. 30' MW (8%M, 92%W, scum oil), 60' SOCMW (10%M, 89%W, 1%O). Gas to Surf. on FSI. Tmp 112. IHP 2057#, IFP 96-96#, FFP 115-122#, ISIP 382#, FSIP 397#, FHP 2042#.

Name Top Bottom

DST#2: 3880'-3888', 30-33-60-48. Rec 475' gas above fluid, 65' O&GCM (8%O, 37%G, 10%W, 45%M), 60' O&GCMW (14%O, 24%G, 22%M, 40%W). Tmp 114. IHP 2135#, IFP 41-41#, FFP 60-67#, ISIP 571#, FSIP 695#, FHP 2077#.

DST#3: 3893'-3917', 30-30-60-48. Rec 60' O&GCM (16%O, 18%G, 13%W, 53%M), 120' MGO (65%O, 20%G, 12%W, 3%M), 180' O&GCMW (20%O, 40%G, 35%W, 5%M), 240' OCW (20%O, 5%G, 72%W, 3%M), 240' SOCW (2%O, 98%W). Tmp 115. IHP 2050#, IFP 2050#, IFP 119-190#, FFP 247-350#, ISIP 821#, FHP 2050#.

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
production	7 7/8"	5 1/2"	14#	3941'	60/40	100	10% salt, 2% gel
surface	8 5/8"	8 5/8"		1132'		37.5	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	3901'-3903'	750 gal 20% HCl acid	
3	3895'-3897'		
3	3886'-3888'		
3	3875'-3877'		

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	3850'			

Date of First Production	Producing Method
2/19/86	<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
	30 Bbls	MCF	200 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3875'-3903'...  
 Used on Lease  Dually Completed  
 Commingled

RECEIVED  
 STATE CORPORATION COMMISSION  
 APR 15 1986  
 CONSERVATION DIVISION  
 Wichita, Kansas

