

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 # 5399  
name American Energies  
address 575 Fourth Financial Center  
City/State/Zip Wichita, KS 67202

Operator Contact Person ALAN L. DEGOOD  
Phone 316-263-5785

Contractor: license # 5147  
name BEREDCO INC.

Wellsite Geologist Harold A. Brown  
Phone 316-263-5785

PURCHASER Koch Oil Company

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 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:  Mud Rotary  Air Rotary  Cable  
5/13/86 5/20/86 5/21/86  
Spud Date Date Reached TD Completion Date  
4720' 4718'  
Total Depth PBDT  
Amount of Surface Pipe Set and Cemented at 385 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 1407 feet

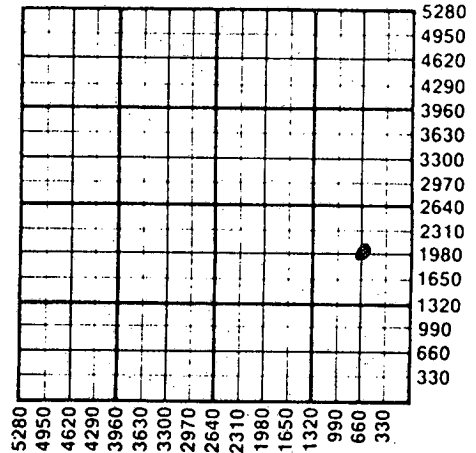
If alternate 2 completion, cement circulated  
from 1407 feet depth to surface w/ 400 SX cmt

API NO. 15- 171-20,331 - 00-00  
County Scott  
NE: NE SE 30 KCC  
Sec 27 Twp 19S Rge 33W West

1980 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name SMITH Well# H-1  
Field Name Hugoton North  
Producing Formation Morrow Sand  
Elevation: Ground 2963' KB 5'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: T. W. Graham  
Division of Water Resources Permit #  
 Groundwater (Well) Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge  East  West  
 Surface Water (Stream, Pond etc.) Ft North From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Nothing  Repressuring  
Docket #

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. Rules 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 Alan L. DeGood, Vice-President  
Title Vice-President Date 7-10-86

Subscribed and sworn to before me this 10th day of July 19 86  
Notary Public LuAnn Hershorn, LuAnn Hershorn  
Date Commission Expires 8-29-88



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
SWD/Rep  NGPA  
Plug  Other (Specify)  
RECEIVED  
STATE CORPORATION COMMISSION  
CONS. DIV. WICHITA, KS  
Form ACO-1 (7-84)

JUL 21 1986

Sec 27 Twp 19S Rge 33W

Operator Name American Energies Lease Name SMITH Well# H-1 SEC. 27 TWP. 19S RGE. 33W  East  West

**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

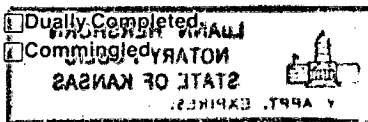
Name	Top	Bottom
Lime & Sand & Shale	0	387'
Shale	387'	1485'
Shale & Sand	1485'	2080'
Shale Anhy.	2080'	2425'
Shale & Lime	2425'	3000'
Lime & Shale	3000'	4679'
Mississippi	4679'	4720'
Heebner	3822	-854
Lansing	3865	-897
Pawnee	4366	-1398
Cherokee	4413	-1445
Morrow	4578	-1610
Morrow Sand	4641-	-1673
Mississippi	4648	-1680
LTD	4721	

CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	23#	385'	60/40 Poz.	275	2% gel, 3% CC.
Production	7-7/8"	4 1/2"		4118'	60/40 Poz. Mud-flush, DV Tool @	100	10% salt, 500 gal. 1407'w/400 sks
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
	4646-4649			300 gal. 7 1/2% INS			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size 2 3/8" set at 4670		packer at					
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
6-27-86							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	75		0		28		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....

**PRODUCTION INTERVAL**



15-171-20331-00-00

SIDE TWO

Operator Name American Energies Lease Name SMITH Well# H-1 SEC. 27 TWP. 19S RGE. 33W  East  West

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 3949-4009, 30-60-60-90; Rec 100' Mud + 90' WCM + 180' SW, FP 68-108/127-226; SIP 1035-996#.  
 DST #2 4639-79 (Lower Morrow) 30-60-60-90; Rec. 1800' GIP, 1400' Cl Gsy Oil (38°); FP 118-314/374-541; SIP 1065-1065 BHT 118°.

Name	Top	Bottom
Lime & Sand & Shale	0	387'
Shale	387'	1485'
Shale & Sand	1485'	2080'
Shale Anhy.	2080'	2425'
Shale & Lime	2425'	3000'
Lime & Shale	3000'	4679'
Mississippi	4679'	4720'
Heebner	3822	-854
Lansing	3865	-897
Pawnee	4366	-1398
Cherokee	4413	-1445
Morrow	4578	-1610
Morrow Sand	4641	-1673
Mississippi	4648	-1680
LTD	4721	

CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	23#	385'	60/40 Poz.	275	2% gel., 3% CC.
Production	7-7/8"	4 1/2"		4118'	60/40 Poz. Mud-flush, DV Tool @	100	10% salt, 500 gal. 1407' w/400 sks Lite Cement
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot		specify footage of each interval perforated		(amount and kind of material used)			Depth
		4646-4649		300 gal. 7 1/2% INS			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method					
6-27-86		<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		
	75 Bbls	MCF	0 Bbls	CFPB	28		

Disposition of gas:  vented  sold  used on lease  
 METHOD OF COMPLETION:  open hole  perforation  other (specify) \_\_\_\_\_

