

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 # 5923  
Name AMERICAN PETROLEUM COMPANY, INC.  
Address 3500 NORTH ROCK ROAD, BLDG. 1300  
City/State/Zip WICHITA, KANSAS 67226

Purchaser.....

Operator Contact Person JAMES BARVAIS  
Phone (316) 684-5273

Contractor: License # 5380  
Name EAGLE DRILLING INC.

Wellsite Geologist RON NELSON & JAMES BARVAIS  
Phone (316) 684-5273

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  
9-19-87 9-25-87 9-25-87  
Spud Date Date Reached TD Completion Date  
4510'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 238 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  
Cement Company Name .....  
Invoice # .....

API No. 15-007-22,166-00-00  
County BARBER  
NW NW NW Sec 24 Twp 30 Rge 12 East  
..... West

4900 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

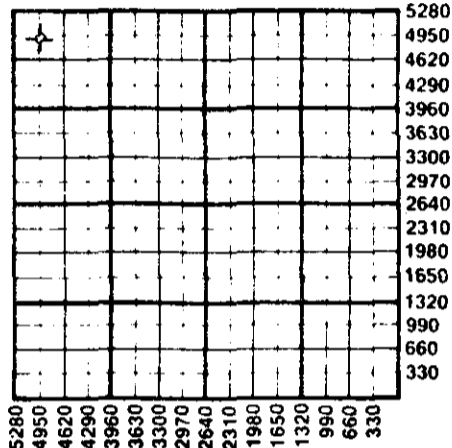
Lease Name KUMBERG Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 1771' KB 1785'

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 4950 Ft North from Southeast Corner  
330 Ft West from Southeast Corner  
(Stream, pond etc.) Sec 23 Twp 30 Rge 12 East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 James Barvais  
Title PRESIDENT Date 10-20-87

Subscribed and sworn to before me this 20 day of October 1987  
Notary Public Marcia L. Alterman

Date Commission Expires 5/3/90

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)  
OCT 22 1987 10-22-87

Sec 24 Twp 30 Rge 12 W



Operator Name AMERICAN PETROLEUM COMPANY, INC. Lease Name KUMBERG Well # 1

Sec. 24 Twp. 30 Rge. 12  East  West County BARBER

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		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Samples Sent to Geological Survey		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Cores Taken		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
DST#1	INTERVAL 3496' - 3554'		
	IFP 49 - 49		
	FFP NONE	RECOVERED 20' DRILLING MUD	
	ISIP 788		
	FSIP NONE		
	IHM 1646		
	FHM 1636		
DST#2	INTERVAL 4386' - 4425'		
	IFP 68 - 68		
	FFP 96 - 96		
	ISIP 956	135' SLIGHTLY GAS & OIL CUT	
	FSIP 871	WATERY MUD	
	IHM 2194		
	FHM 2149		
DST#3	INTERVAL 4423' - 4440'		
	IFP 56 - 72		
	FFP 87 - 104	RECOVERED 180' OIL & GAS CUT	
	ISIP 1337	MUDDY WATER	
	FSIP 1239		
	IHM 2167		
	FHM 2147		

Formation Description		
Name	Top	Bottom
ONAGA SHALE	2733'	
WAUBAUNSEG	2794'	
STOTLER	2943'	
SEVERY SHALE	3316'	
TOPEKA	3369'	
ELGIN SAND	3504'	
HEEBNER SHALE	3693'	
TORONTO	3709'	
DOUGLAS SHALE	3727'	
BROWN LIME	3880'	
LKC	3892'	
BKC	4324'	
MISSISSIPPI	4417'	
KINDERHOOK SHALE	4504'	
RTD	4510'	

<b>CASING RECORD</b> <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	12 1/4"	8 5/8"	20#	238'	60/40	175	2% GEL, 3% CC
<b>PERFORATION RECORD</b> Shots Per Foot   Specify Footage of Each Interval Perforated				<b>Acid, Fracture, Shot, Cement Squeeze Record</b> (Amount and Kind of Material Used)   Depth			
<b>TUBING RECORD</b> Size Set At Packer at				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
		<input type="checkbox"/> Flowing <input 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	
		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 .....



NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Expected Spud Date. SEPT. 18 1987

API Number 15-007-22,166-00-00

OPERATOR: License # 5923 APPROX. NW NW NW Sec. 24 Twp. 30 S, Rg. 12 X East
Name AMERICAN PETROLEUM COMPANY, INC.
Address 3500 NORTH ROCK ROAD, BLDG, 1300
City/State/Zip WICHITA, KANSAS 67226
Contact Person JAMES T. BARVAIS
Phone (316) 684-5273

CONTRACTOR: License # 5380
Name EAGLE DRILLING INC.
City State WICHITA, KANSAS
Well Drilled For: Well Class: Type Equipment:
X Oil Storage Infield X Mud Rotary
Gas Inj Pool Ext Air Rotary
OWWO Expl X Wildcat Cable

If OWWO: old well info as follows:
Operator
Well Name
Comp Date Old Total Depth
Nearest lease or unit boundary line 330 feet
County BARBER
Lease Name KUMBERG Well # 1
Ground surface elevation 1771 feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water 180
Depth to bottom of usable water 200
Surface pipe by Alternate: 1 XX 2
Surface pipe planned to be set 250
Conductor pipe required NONE
Projected Total Depth 4600 feet
Formation MISSISSIPPIAN

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.
Date 9-16-87 Signature of Operator or Agent Title PRESIDENT

For KCC Use:
Conductor Pipe Required feet; Minimum Surface Pipe Required 220 feet per Alt. 1 X
This Authorization Expires 3-17-88 Effective 9-22-87 Approved By 2/4/9/17-87

Spud 9-19-87
Set 220-240

PER MR. DURRANT 9-8-87 APPROXIMATELY NW NW NW Sec. 24 Twp. 30 S, Rg. 12 X East

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ ft. deep. BASE ANHYDRITE or formation with 50 feet of. 60/40 POZMIX, 6% GEL,
2nd plug @ ft. deep. 30' BELOW SURFACE or formation with 40 feet of. 60/40 POZMIX, 6% GEL,
3rd plug @ ft. deep. 40' TO 0 or formation with 10 feet of. 60/40 POZMIX, 6% GEL.
4th plug @ ft. deep. or formation with feet of.
5th plug @ ft. deep. or formation with feet of.
(2) Rathole to surface minus 5 feet 10 SACKS (b) Mousehole to surface minus 5 feet 10 SACKS

PUSHER Butler Steiert
TD 4590 FORMATION MISS.
SURFACE PIPE 8 7/8" @ 246'
ANHYDRITE 670' ELEVATION 1221'
STARTING TIME & DATE 8:15 PM
COMPLETION TIME & DATE 9-25-87 10:00 PM
1st PLUG @ 5am 700 FT. W/SP SX
2nd PLUG @ 3:13 300 FT. W/HO SX
3rd PLUG @ 6:30 40 FT. W/HO SX
4th PLUG @ FT. W/ SX
RAT HOLE CIRCULATED W/HO SX
MOUSE HOLE CIRCULATED W/HO SX
WATER WELL PLUGGED W/ Sand
Halliburton
CEMENT COMPANY 6/4 6% -
TECHNICIAN D.G.

RECEIVED
STATE CORPORATION COMMISSION
OCT 16 1987
CONSERVATION DIVISION
Wichita, Kansas