

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 # 5607  
Name Associated Petroleum Consultants, Inc.  
Address Suite 600 - One Main Place  
City/State/Zip Wichita, KS 67202

Purchaser: Total Petroleum (oil)  
Delhi Gas Pipeline (gas)

Operator Contact Person Steve Wisotsky  
Phone 265 - 9385

Contractor: License # 5867  
Name Heartland Drilling, Inc.

Wellsite Geologist John D. Howard, Jr.  
Phone 265 - 9386

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

Spud Date 11/7/84 Date Reached TD 11/14/84 Completion Date 11/14/84

Total Depth 4330' PBTD 4257'

Amount of Surface Pipe Set and Cemented at 344 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  
Alternate 1 used.

API NO. 15-007-21-951-00-00  
County Barber  
100' E. of C.S.W. Sec. 1 Twp. 31 S Rge. 12

660 Ft North from Southeast Corner of Section  
4520 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

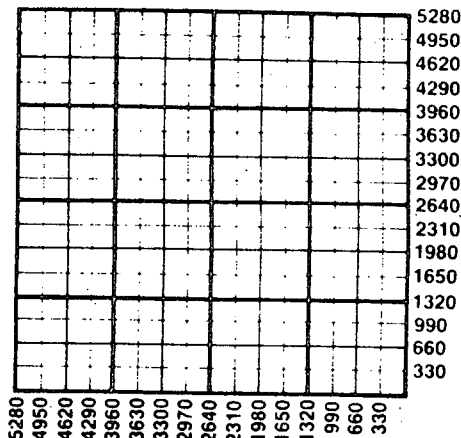
Lease Name Mott Ranch Well # 17

Field Name Amber Mills South

Producing Formation Mississippian

Elevation: Ground 1538' KB 1578'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # NA

Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge  East  West

Surface Water..990 Ft North from Southeast Corner (Stream, pond etc) 950 Ft West from Southeast Corner Sec 1 Twp 31 S Rge 12  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 Phyllis Buchanan

Title Phyllis Buchanan, Office Manager Date 3/6/85

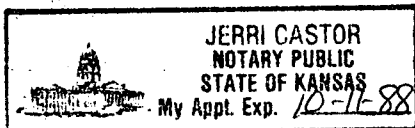
Subscribed and sworn to before me this 6th day of March 1985

Notary Public Jerri Castor

Date Commission Expires 10-11-88

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)  
RECEIVED  
STATE CORPORATION COMMISSION

MAR 07 1985 Form ACO-1 (7-84)



Sec 1 Twp 31 S Rge 12 W

SIDE TWO

Operator Name Associated Petroleum Consultants, Inc. Lease Name Mott Ranch Well # 17

Sec. 1 Twp. 31S 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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 4246-4270  
 op30 si60 op60 si90  
 Strong increasing blow off bottom of the bucket in 1 minute on both flow periods. Gas to surface in 45 minutes on the final flow period.

Rec: 150' OCM  
 30' OCM (5% oil, 95% mud)  
 60' OCM (10% oil, 90% mud)  
 60' OCM (45% oil, 55% mud)  
 IHH 2097 psi IFP 60-71 psi ICIP 1253 psi  
 FHH 2047 psi FFP 71-81 psi FCIP 1055 psi

Name	Top	Bottom
Elgin Sandstone	3416	(-1838)
Heebner Shale	3506	(-1928)
Toronto	3514	(-1936)
Douglas Shale	3530	(-1952)
Douglas Sandstone #1	3568	(-1990)
Douglas Sandstone #2	3661	(-2083)
Lansing Kansas City	3700	(-2122)
Stark Shale	4054	(-2476)
Hushpuckney Shale	4095	(-2517)
Base Kansas City	4161	(-2583)
Mississippian	4246	(-2668)

FROM	TO	DESCRIPTION
0'	1009'	Sand & Red Bed
1009'	1021'	Red Bed
1021'	3770'	Shale
3770'	4240'	Lime & Shale
4240'	4270'	Lime
4270'		Mississippian
4270'	4330'	Lime & Shale

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"	24#	344'	COMMON	300	3% CaCl, 2% gel
Production	7 7/8"	4 1/2"	10 1/2"	4329'	KB EA-2	100	HOWCO LIME 25

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	4246' - 4257'	500 gallons DSFE acid	
		42,000# sand, 38,000 gallons	
		Total Fluid	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8"	4233'			

Date of First Production	Producing Method
12/13/85 <i>EF KAKL</i>	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

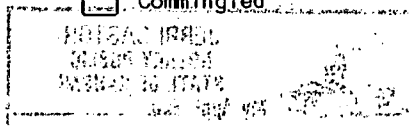
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	12 Bbls	MCF	30Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 4246'-4257'  Used on Lease

Dually Completed  Commingled



Operator Name Associated Petroleum Consultants, Inc Lease Name Mott Ranch Well # 17

Sec. 1 Twp. 31S 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.

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PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	4246' - 4257'			500 gallons DSFE acid			
				42,000# sand, 38,000 gallons			
				Total Fluid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method		Wichita, Kansas			
12/13/85		<input checked="" 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	
12 Bbls			MCF	30Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation 4246'-4257'  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled