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SIDE ONE

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

11/7/84 11/14/84 11/14/84
Spud Date Date Reached TD Completion Date
4330' 4257'
Total Depth PBTD

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

County Barber

100' E. of C.S.W. Sec. 1 Twp. 31 S Rge. 12

☐ East
☒ West

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

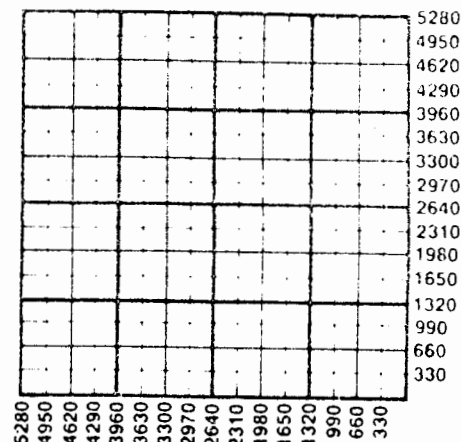
Lease Name Mott Ranch Well # 17

Field Name Amber Mills South

Producing Formation Mississippian

Elevation: Ground 1538' KB 1578'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
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 # 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) 4950 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.

SIDE TWO

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

Sec 1 Two 31S 12 ☐ East ☒ West County Barber

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

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented

☐ Open Hole

☒ Perforation

☒ Sold

☐ Other (Specify)

4246'-4257'

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

☒ 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 ps

FHH 2047 psi FFP 71-81 psi FCIP 1055 ps

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

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)

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of	#Sacks	Type and Percent
	Drilled	Set (in O.D.)	Lbs/Ft.	Depth	Cement	Used	Additives
Surface	12 1/4"	8 5/8"	24#	344'	COMMON	300	3% CaCl ₂ , 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 2 3/8" Set At 4233' Packer at

Liner Run ☐ Yes ☐ No

Date of First Production 2/13/84 Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)