

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 # 5601
name Associated Petroleum Consultants, Inc.
address Suite 600 - One Main Place
City/State/Zip Wichita, Kansas 67202-1399

Operator Contact Person Jerri Castor
Phone (316) 265-9385

Contractor: license # 5867
name Heartland Drilling, Inc.

Wellsite Geologist John D. Howard, Jr.
Phone (316) 265-9385

PURCHASER Delhi Gas Pipeline & Champlin Petroleum
(gas) (oil)

Designate Type of Completion
XX 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
June 7, 1984 June 13, 1984 July 17, 1984
Spud Date Date Reached TD Completion Date
4335' 4321'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 356' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet
Alternate 1 used.
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 007-21,837 - 0000

County Barber

C NE SW Sec 35 Twp 30S Rge 12 X W

1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

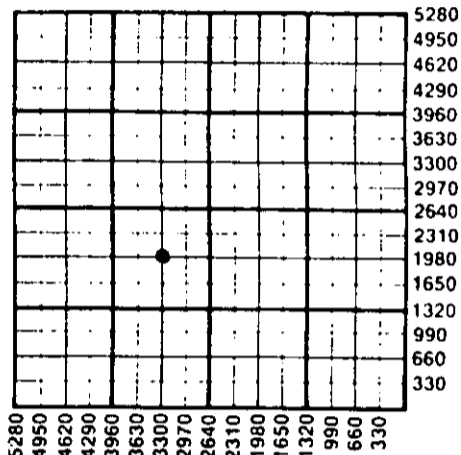
Lease Name Mott Ranch Well# 13

Field Name Amber Mills South

Producing Formation Mississippi

Elevation: Ground 1609 KB 1619

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner of (Well) Ft. West From Southeast Corner
Sec Twp Rge East West
 Surface Water 2310' Ft North From Southeast Corner of (Stream, Pond etc.) 3630' Ft West From Southeast Corner
Sec 3 Twp 31S Rge 12 East West
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal 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 Jerri Castor
Title JERRI CASTOR, ACTING AGENT Date 8/28/84
Subscribed and sworn to before me this 28th day of August 19 84

Notary Public Sherry Wayman
Date Commission Expires 10/29/85



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(if partly)

RECEIVED
STATE CORPORATION COMMISSION
AUG 30 1984
8-30-84
CONSERVATION DIVISION
Wichita, Kansas

REC'D ST. Twp. 30, Rge. 12, W

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

0 - 230 Red Bed & Sand
 230 - 377 Red Bed, Clay & Sand
 377 - 999 Red Bed
 999 - 3450 Shale
 3450 - 3655 Sand & Shale
 3655 - 4105 Shale
 4105 - 4335 Lime & Shale

Name	Top	Bottom
Elgin Sandstone	3398	(-1779)
Heebner	3504	(-1885)
Toronto	3521	(-1902)
Douglas	3537	(-1918)
1st Douglas Sand	3574	(-1955)
2nd Douglas Sand	3641	(-2022)
Iatan	3696	(-2077)
Lansing Kansas City	3714	(-2095)
Base Kansas City	4144	(-2525)
Mississippian	4221	(-2602)

RELEASED

AUG 12 1985

FROM CONFIDENTIAL

CASING RECORD <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"	23#	346'	Common	275	3% CaCl 2% gel
Production	7 7/8"	4 1/2"	10.5#	4334'	flow check	200 gal.	
					HOWCO lite	25	
					EA2	175	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	4223 - 32'			750 gal. DSFE Acid			4223-32'
				100 sxs 20/40 sd, 135 sxs 10/20 sd,			
				75 sxs 8/12 sd, 31,500 gal. pur-gel			
				frac fluid, crosslink for 35#/gal.			4223-32'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method		size 2 3/8" set at 4221'		packer at 4249'	
7/17/84		<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		
	50+	25	50	1-2	39°		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL4223 - 32'

Disposition of gas: vented sold used on lease