

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 033-20,598001

County Comanche

C - NW - SE Sec. 32 Twp. 33S Rgo. 19W X^E

1980 Feet from SW (circle one) Line of Section

1980 Feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SW, NW or SW (circle one)

Lease Name Kansas Univ. Well # 2-32

Field Name WC

Producing Formation Pawnee

Elevation: Ground 1915 KB 1925

Total Depth 5353 PBTD 5250

Amount of Surface Pipe Set and Cemented at _____ Feet

Multiple Stage Cementing Collar Used? _____ Yes _____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

foot depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK JH 8-29-97
(Data must be collected from the Reservo Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 30146

Name: Mach Petroleum, Inc.

Address P.O. Box 35583

City/State/Zip Tulsa, Okla. 74153

Purchaser: Post Rock Gas

Operator Contact Person: Thomas Mach

Phone (918) 496-0442

Contractor: Name: Clark Corp.

License: 5105

Wellsite Geologist: None

Designate Type of Completion

_____ New Well _____ Re-Entry X Workover

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
X _____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: BOW VALLEY PETROLEUM CORP.

Well Name: KANSAS UNIVERSITY #2-32

Comp. Date _____ Old Total Depth 5360'

_____ Deepening X Re-perf. _____ Conv. to Inj/SWD
XXX _____ Plug Back 5250' PBTD
_____ Cemented _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

6-15-97 _____ 6-17-97

6-15-97 Date of START Date Reached TD _____ Completion Date of
OF WORKOVER _____ WORKOVER

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Tom C. Mach

Title President Date 8/26/97

Subscribed and sworn to before me this 26 day of August 19 97.

Notary Public: [Signature]

Date Commission Expires Jan 19, 1998

K.C.C. OFFICE USE ONLY		
F	_____	Letter of Confidentiality Attached
C	_____	Wireline Log Received
C	_____	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	_____ SWD/Rop _____ NGPA
_____	KGS	_____ Plug _____ Other _____
(Specify)		

ORIGINAL

SIDE TWO

Operator Name Mach Petroleum, Inc.

Lease Name Kansas Univ.

Well # 2-32

Sec. 32 Twp. 33S Rge. 19W

East

County Comanche

West

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 (Attach Additional Shoots.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	3868	-1943
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HEEBNER	4314	-2389
List All E. Logs Run:	<u>None</u>	LANSING	4502	-2577
		SNOPE	4874	-2949
		BASE KC	4968	-3043
		MARMATON	5026	-3101
		REWORKED MISSISSIPPI	5264	-3339
		MISSISSIPPI	5292	-3367

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings not-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	651'		500	
Production	7 7/8"	4 1/2"	15	5357'		170	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5126-5129	Natural	
4	5270'-5276' + 5293'-5300 CIRP @ 5250'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8	5050	5050				
Date of First, Resumed Production, SHD or Inj.			Producing Method					
6/17/97			<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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		2,000					

Disposition of Gas:	<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION	Production Interval
		<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Cemented <input type="checkbox"/> Other (Specify)	5126-5132