

COPY

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

Operator: License # 30146Name: Mach Petroleum, Inc.Address P.O. Box 35583City/State/Zip Tulsa, Okla. 74153Purchaser: Post Rock GasOperator Contact Person: Thomas MachPhone (918) 496-0442Contractor: Name: Clark Corp.License: 5105Wellsite Geologist: None

Designate Type of Completion

 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 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
6-25-83Comp. Date Old Total Depth 5360'

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

6-15-976-17-97Date 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. Mto PresidentDate 8/26/97Subscribed and sworn to before me this 26 day of August,
1997.

Notary Public

Patricia B. HerbertDate Commission Expires Jan 19, 1998

API NO. 15- 033-20,598001

County ComancheC - NW - SE sec. 32 Twp. 33S Rge. 19W E1980 Feet from E/W (circle one) Line of Section1980 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Kansas Univ. Well # 2-32Field Name WCProducing Formation PawneeElevation: Ground 1915 KB 1925Total Depth 5353 PBT 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 _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK JH 8-29-97
(Data must be collected from the Reserve 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. _____

K.C.C. OFFICE USE ONLY
 F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution
 KCC SWD/Rep
 KGS Plug Other
(Specify)

Operator Name Mach Petroleum, Inc.Lease Name Kansas Univ.Well # 2-32Sec. 32 Twp. 33S Rge. 19W East
 WestCounty Comanche

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 Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<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	HEBBNER	4314	-2389
List All E.Logs Run:	None	LANSING	4502	-2577
		SWOPE	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 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 $\frac{1}{4}$ "	8 $\frac{5}{8}$ "	24	651'		500	
Production	7 $\frac{7}{8}$ "	4 $\frac{1}{2}$ "	15	5357'		170	

ADDITIONAL CEMENTING/SQUEEZE RECORD							
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives			
Perforate	Top						
Protect Casing	Bottom						
Plug Back TD							
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 CIBP @ 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, SWD or Inj.	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Expl)
6/17/97		

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	McF	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		2,000					

Disposition of Gas:

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) 5126-5132