

ORIGINAL

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

API NO. 15- 095-21681-0000

County Kingman

NE NE SW Sec. 14 Twp. 27S Rge. 10W

2310 Feet from S/N (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

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

Lease Name Sale Well # 1

Field Name Dresden

Producing Formation Dry Hole

Elevation: Ground 1746 KB 1751

Total Depth 4435 PBTD

Amount of Surface Pipe Set and Cemented at 219 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 cnt.

Drilling Fluid Management Plan D & A 87 12-13-93  
(Data must be collected from the Reserve Pit)

Chloride content 9000 ppm Fluid volume 1000 bbls

Dewatering method used Haul

Location of fluid disposal if hauled offsite:

Operator Name C & C Tank Service

Lease Name Roach SWD License No. 30708

Quarter Sec. 14 Twp. 25 S Rng. 9W E/W

County Reno Docket No. D-22208

Operator: License # 30146

Name: Mach Petroleum, Inc.

Address P. O. Box 35583

Tulsa, Oklahoma 74153

City/State/Zip \_\_\_\_\_

Purchaser: NA

Operator Contact Person: Thomas C. Mach

Phone (918) 496-0442

Contractor: Name: White and Ellis

License: 5420

Wellsite Geologist: Dan Fredlund

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8/18/93 8/27/93 Dry Hole  
Spud Date Date Reached TD Completion Date

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 report (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 Thomas C. Mach

Title President Date 10/22/93

Subscribed and sworn to before me this 22 day of October 1993.

Notary Public Joy Waller

Date Commission Expires August 8, 1994

RECEIVED  
STATE CORPORATION COMMISSION  
OCT 25 1993  
K.C.C. OFFICE USE ONLY  
CONFIDENTIALITY ATTACHED  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name Mach Petroleum, Inc. Lease Name Sale Well # 1  
 Sec. 14 Twp. 27S Rge. 10W  East  West  
 County Kingman

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Herrington	1597	+154
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Indian Cave	2374	-623
List All E.Logs Run:		Lansing	3520	-1766
		Cherokee	3986	-2235
		Mississippi	4014	-2263
		Viola	4283	-2532
		Simpson	4374	-2623
		TD	4433	

DIL/FDC/CNL/SP/GR

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	23	219	60/40 Poz	225	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj.		Producing Method		<input 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

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval \_\_\_\_\_

DRILL STEM TESTS:

API # 15-095-21681

#1 Mississippian 3980 - 4032 45-45-60-60 GTS SIP  
 FFP 5" 5.320 MCFG  
 15" 5.320 "  
 25" 5.320 "  
 35" 5.320 "  
 45" 5.185 "

ORIGINAL

Recovery 45' mud with slight show of oil Temp 113°  
 FP's 42-52 / 63-63  
 SIP's 115 - 115  
 HP's 1895 - 1874

#2 Viola 4276 - 4297 45-45-60-60 GTS FFP 25"  
 Recovery 2500' fluid

FFP 30" 1.83 MCFGPD 60' clean gassy oil (41 1/2%)  
 40" 1.78 " 60' SOCMW (17%G, 8%O, 30%M, 45%W)  
 45" 1.83 " 120" SOCMW (10%G 5%O 30%M 55% W)  
 50" 1.59 " 1260' VSOCW (1% O, 99% W).  
 55" 1.59 " 1000' Water (less than 1% O 68000 chlorides  
 at 119°)

FP's 55-607 / 651 - 958  
 SIP's 1035 - 1035  
 HP's 2143 - 2077

#3 Mississippian 3980 - 4050 60-60-60-60  
 Recovery 185' Total Fluid  
 65' mud FP's 111-144/144-167  
 60' MW tr. oil (oil-tr. 58%M, SIP's 711 - 612  
 42%W)  
 60 VSOCM (± 1/2% O, 50% M, 50% W) HP's 2002 - 1980  
 Temp 117°  
 Chlorides 28,000

RECEIVED  
 STATE CORPORATION COMMISSION

OCT 25 1993

CONSERVATION DIVISION  
 Wichita, Kansas



CHARGE TO: *MACH Petroleum*  
 ADDRESS: *PO Box 35583*  
 CITY, STATE, ZIP CODE: *TULSA OK 74153*

COPY

TICKET No. 509756 - 5

FORM 1906 R-12

1. SERVICE LOCATIONS <i>PPH R, R3</i>	WELL/PROJECT NO. <i>1</i>	LEASE <i>SALE</i>	COUNTY/PARISH <i>KINGMAN</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>8-2-95</i>
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <i>MACH PETROLEUM</i>	RIG NAME/NO. <i>1001 R &amp; PLATS</i>	SHIPPED VIA	DELIVERED TO <i>Well Site</i>	ORDER NO.
3. WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Oil</i>	JOB PURPOSE <i>Plat to A Baudouin</i>	WELL PERMIT NO. <i>15095216810000</i>	WELL LOCATION	STATE OF OKLAHOMA	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS					REG. NO. <i>00251923</i>

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING LOC ACCT DF	TIME	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
<i>000117</i>				<i>MILEAGE</i>	<i>25</i>	<i>mi</i>			<i>2.75</i>	<i>68.75</i>
<i>001910</i>				<i>Pump CHARGE</i>					<i>395.00</i>	<i>395.00</i>
<i>004310A</i>										

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *X Steve Brandy*

DATE SIGNED: *8-27-95* TIME SIGNED: *AM*

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY	AGREE	UN-DECIDED	DIS-AGREE
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?		
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		

PAGE TOTAL: *4637*  
 FROM CONTINUATION PAGE(S): *1173*  
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: *1637*

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** - The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <i>Steve Brandy</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X Steve Brandy</i>	HALLIBURTON OPERATOR/ENGINEER <i>JL Wanda</i>	EMP # <i>12573</i>	HALLIBURTON APPROVAL
--	---	--	-----------------------	----------------------



**WELL DATA**

FIELD \_\_\_\_\_ SEC 14 TWP 22S RANG 106E COUNTY LeFlore STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD. OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD. OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC DATA \_\_\_\_\_ TOTAL DEPTH 1425

**JOB DATA**

CALLED OUT <u>8:27:93</u> DATE TIME <u>10:30</u>	ON LOCATION <u>8:27:93</u> DATE TIME <u>12:30</u>	JOB STARTED <u>8:27:93</u> DATE TIME <u>14:45</u>	JOB COMPLETED <u>8:27:93</u> DATE TIME <u>16:00</u>
---	--	--	--

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN \_\_\_\_\_

NE AGENT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodson 62572</u>	<u>490</u>	<u>PRM</u>
<u>K. Dierker 66468</u>	<u>50120</u>	<u>PRM</u>
<u>M. Kucinski 26411</u>		

DEPARTMENT PRM

DESCRIPTION OF JOB Plug in app. 200'

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Steve Bandy

HALLIBURTON OPERATOR J. Woodson COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>145</u>	<u>40/60 port</u>	<u>Murdock</u>	<u>B</u>	<u>4.8 TBMG GEL</u>	<u>1.38</u>	<u>13.35</u>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL \_\_\_\_\_

CEMENT SLURRY: BBL-GAL 3566

TOTAL VOLUME: BBL-GAL \_\_\_\_\_

STATE CORPORATION COMMISSION

RAMA 003 2 5 1993

CONSERVATION DIVISION  
Wichita, Kansas

CUSTOMER PRM  
LEASE 5/1/93  
WELL NO. 1  
JOB TYPE D-1  
DATE 0027



JOB LOG FORM 2013 R-3

CUSTOMER: MACII-PELCO, INC.		WELL NO: 1	LEASE: SALO	JOB TYPE: PLUG TO ABANDON	TICKET NO: 509756			
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							JOB READY
	1030							CALLED OUT FOR JOB
	1230							PUMP TRUCK & BULK TRUCK ON LOCATION
								P.O. LAYING DOWN DRILL PIPE
								SET UP PUMP TRUCK
								LAY D.P. DOWN TO 1550'
	1415		8.5	✓		150*		SPOT 1" 35 SK PLUG AT 1550'
								LAY DOWN D.P. TO 1000'
	1445		9.5	✓		150*		SPOT 1" 35 SK PLUG AT 1000'
								LAY DOWN D.P. TO 270'
	1517		8.3					SPOT 1" 35 SK PLUG AT 270'
								LAY DOWN REST OF D.P.
								LAY DOWN R-H
	1600		6.5					MIX 25 SKS FROM 66" TO SURFACE
								FOR TOP PLUG
	1605		3.5					MIX 15 SKS FOR R-H
								JOB COMPLETE
								THANK YOU WOOD E. KURT, MAC

RECEIVED STATE CORPORATION COMMISSION

OCT 25 1993

CONSERVATION DIVISION Wichita, Kansas