

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

Operator: License # 5259
Name: MAI OIL OPERATIONS, INC.
Address P.O. BOX 33

City/State/Zip RUSSELL, KS. 67665

Purchaser: _____
Operator Contact Person: ALLEN BANGERT

Phone (913) 483-2169
Contractor: Name: RAPID WELL SERVICE
License: 7049

Wellsite Geologist: NONE

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:
Operator: MAGNOLIA PETROLEUM CO.
Well Name: RICHARDS #1
Comp. Date 2-11-52 Old Total Depth 3691

 Deepening Re-perf. Conv. to Inj. SWD
 Plug Back _____ PBTB
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-18-94 7-21-94 7-24-94
Special Date of Reentry Date Reached TD Completion Date

API NO. 15- 051-01097 ⁰⁰⁻⁰² ORIGINAL

County ELLIS
C - E $\frac{1}{2}$ - SE-NE Sec. 6 Twp. 11 Rge. 20 ^E _X ^W

3318 Feet from (S)N (circle one) Line of Section
330 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 RICHARDS "OWWO" Well # 1-A

Field Name MENDOTA
Disposal Producing Formation CEDAR HILLS

Elevation: Ground 2078 KB _____

Total Depth 1543 PBTB 1483

Amount of Surface Pipe Set and Cemented at 198 Feet

Multiple Stage Cementing Collar Used? _____ Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1543

feet depth to SURFACE w/ 500 sx cmt.

Drilling Fluid Management Plan REWOR REENTRY J 8-8-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used LEFT TO DRY AND BACKFILLED

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Allen Bangert
Title Prod. Supt Date 9-29-94

Subscribed and sworn to before me this 3rd day of October 1994.

Notary Public Rita M. Clenney

Date Commission Expires December 17, 1995

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 SWD/Rep NGPA
 Plug Other (Specify)
OCT 0 7 1994
OCT 7 1994
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

RITA M. CLENNEY
Notary Public State of Kansas
My Appt Exp 12/17/95

PI

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name RICHARDS

Well # 1-A

Sec. 6 Twp. 11 Rge. 20

East
 West

County ELLIS

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:
GAMMA RAY-NEUTRON

Log Formation (Top), Depth and Datums Sample

Name CEDAR HILLS Top 966 Datum

CASING RECORD

New 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
PRODUCTION	7 7/8	5 1/2"	14	1543	HLC 1/2#PS	275	
					FLOCEL		
					60-40POZ	225	

ADDITIONAL CEMENTING/SQUEEZE RECORD

10% SALT
1/2# PS FLOCEL

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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
1 SHOT PER	1071-1247'	
2 FEET		

TUBING RECORD Size 2 3/8" DUOLINED Set At 1060' Packer At 1060' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 8-8-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

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

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Disposal Production Interval

1071'-1247'



HALLIBURTON

ORIGINAL

15-051-01097-00-02

DATE 7-21-94 PAGE NO. 1

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
M&E OPER		1-A		Richards		5 1/2 L.S.		621738	
CHAP NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
1	1100								Called out
	1330								on location w/ Equip + float spool
									1 guide shoe 1 basket - inventory
									275 HLC w/ 1/4" floacle/sk
									275 40/60 per 10% salt w/ 1/4" floacle/sk
									start float equip on 14" pipe s/o
									guide shoe 1st joint.
									fill up assy in top of 2nd J1
									+ basket on 2nd joint.
									13" surface csq 200'
									9" hole - TO 3400
	1550								Pipe on bottom 1544' - 66' s/s
									float @ 1483
	1600								start via w/ R.9 P. p
	1634	2 1/2					150#		start 20 BBL salt water flush
			20						Fin flush
		2 1/2					175#		start mix 275 sks HLC 1/4" floacle
			96				0#		FIN mix Lite salt
		2 1/2					0#		start mix 40/60 per 10% salt 79 ft
			57						Fin mix
									washout P.L. clean
									Release Plug
		3 1/2					0#		start Disp
	1738		36				1000#		Plug down
									via 78 sks salt to Pit
	1800								Job complete

RECEIVED OCT 7 1994

RECEIVED AUG 18 1994 STATE CORPORATION COMMISSION



HALLIBURTON

HALLIBURTON ENERGY SERVICES

15-051-01097-00-02

TRKS 51252-76103 ---3859-RR0206

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 621739

FORM 1911 R-10

CUSTOMER Nai Operations	WELL Richards #1-A	DATE 7-21-94	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-136		1		B	40/60 Posmix Standard	225				6 08	1,368	00
504-316		1		B	Halliburton Light Cement	275				6 82	1,875	50
509-968		1		B	Salt Blended W/ Pos	800	lb			15	120	00
509-968		1		B	Salt on side	300	lb			15	45	00
507-210		1		B	Pbocle Blended	125	lb			1 65	206	25
506-121		1		B	4sk Halliburton Gel@2%							n/c
500-107		1		B	SERVICE CHARGE					1 35	697	95
500-300		1		B	MILEAGE CHARGE					95	568	47
					TOTAL WEIGHT	46,030		LOADED MILES		26		
					CUBIC FEET	517		TON MILES		598.390		

ORIGINAL

CONTINUATION TOTAL 4,881.17

No. B 232884

RECEIVED
OCT 7 1994
STATE CORPORATION COMMISSION

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AUG 18 1994
STATE CORPORATION COMMISSION

CONSERVATION DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

WELL DATA

FIELD: SEC 8 TWP 11 RNG 20 COUNTY Ellis 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: 3100
MISC. DATA: TOTAL DEPTH: 3100

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Includes handwritten 'ORIGINAL' in the PERFORATIONS row.

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for 7-21-94.

TOOLS AND ACCESSORIES

Table with columns: TYPE AND SIZE, QTY., MAKE. Lists items like FLOAT COLLAR, GUIDE SHOE, CENTRALIZERS, etc.

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel like A. F. Worth, G. Blasing, etc.

DEPARTMENT: cont
DESCRIPTION OF JOB: Run 5/2 log for disposal

JOB DONE THRU: TUBING [x] CASING [] ANNULUS [] TBG./ANN. []
CUSTOMER REPRESENTATIVE: X Allen Bright
HALLIBURTON OPERATOR: A. F. Worth

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU. FT./SK., MIXED LBS./GAL. Includes data for 225 sacks of HLC cement.

PRESSURES IN PSI

Form with fields: CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN INSTANT, ORDERED, TREATING, FEET. Includes handwritten '60' in the FEET field.

SUMMARY

PRESLUSH: BBL - GAL
LOAD & BKDN: BBL - GAL
TREATMENT: BBL - GAL
CEMENT SLURRY: BBL - GAL
TOTAL VOLUME: BBL - GAL
REMARKS: See Job Log & Chart
AUG 18 1994
WICHITA, KANSAS

CUSTOMER

CUSTOMER: 15-051-01097-00-02
LEASE:
WELL NO.:
JOB TYPE:
DATE: