

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

September 1999

Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 30993  
Name: M.A.E. RESOURCES, INC  
Address: P.O. BOX 304  
City/State/Zip: PARKER, KS 66072  
Purchaser: CMT, INC  
Operator Contact Person: TERRY JOHNSON  
Phone: (913) 898-3221  
Contractor: Name: HAT Drilling LLC  
License: 33734  
Wellsite Geologist: BRAD COOK

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: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD  
☐ Plug Back ☐ Plug Back Total Depth  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) ☐ Docket No. \_\_\_\_\_

04/05/06	04/06/06	04/06/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 001-29330-00-00  
County: ALLEN  
E2 E2 SE SW Sec. 19 Twp. 23 S. R. 20 ☒ East ☐ West  
660 feet from (S) N (circle one) Line of Section  
2860 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: KM SPRAGUE Well #: 6

Field Name: IOLA

Producing Formation: SQUIRREL

Elevation: Ground: N/A Kelly Bushing: N/A

Total Depth: 748 Plug Back Total Depth: 748

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 748

feet depth to SURFACE w/ 81 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content NONE ppm Fluid volume 150 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite:

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

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

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 of 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.

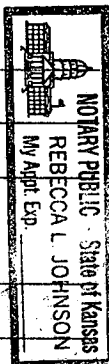
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: President Date: 5-5-08

Subscribed and sworn to before me this 5th day of April

20 08  
Notary Public: [Signature]

Date Commission Expires: 9-13-08



**KCC Office Use ONLY**

☒ Letter of Confidentiality Received

If Denied, Yes ☐ Date: RECEIVED

☒ Wireline Log Received KANSAS CORPORATION COMMISSION

☐ Geologist Report Received

☐ UIC Distribution

**MAY 07 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: M.A.E. RESOURCES, INC Lease Name: KM SPRAGUE Well #: 6  
 Sec. 19 Twp. 23 S. R. 20 ☒ East ☐ West County: ALLEN

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Soil & CLAY	0	60
Shale/Lime	60	724
Sand/Oil Sand	724	748

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**MAY 07 2008**

CONSERVATION DIVISION  
 WICHITA, KS

**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
SURFACE	12 1/4"	7"	N/A	20'	PORTLAND	6	N/A
PRODUCTION	5 5/8"	2 7/8"	N/A	748	OWC	76	FLO-SEAL

**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
2	703.5 TO 720	4500 lbs 12-20 sand	
		5512.5 GAL OF CITY WATER	

TUBING RECORD			Size	Set At	Packer At	Liner Run		
NO TUBING						<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.				Producing Method				
				<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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

## HAT Drilling LLC

License #33734

MAE Resources

P.O. Box 257

Parker, KS 66072

Start Date 04/05/06

End Date 04/06/06

K.M. Sprague Unit #6 API #15-001-29330-00-00

<u>Total Depth</u>	<u>Strata Formation</u>	<u>Thickness of Strata</u>
2	Topsoil	2
15	Clay	13
60	Shale	45
90	Lime	30
121	Shale	31
127	Lime	6
186	Shale	59
248	Lime	62
252	Shale	6
270	Lime	18
274	Shale	4
296	Lime	22
475	Shale	179
486	Lime	11
494	Shale	8
508	Lime	14
572	Shale	64
585	Lime	13
592	Shale	7
598	Lime	6
626	Shale	28
659	Lime	33
665	Shale	6
671	Lime	6
687	Shale	16
724	Sand	37
748	Black-sand	24 748 T.D.

Drilled 12 1/4 hole 20' set 7" surface w/6 sacks of cement

Drilled 5 5/8 hole to 748'. Run 746' of 2 7/8.

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KANSAS CORPORATION COMMISSION

MAY 07 2008

CONSERVATION DIVISION  
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TICKET NUMBER 4143  
LOCATION Ottawa KS  
FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-6-06	5209	KM Sprague Unit # 6	29	23	20	AL
CUSTOMER MAE Resources Inc						
MAILING ADDRESS P.O. Box 304						
CITY Parker	STATE KS	ZIP CODE 66072	TRUCK # 372	DRIVER Fred	TRUCK # 290	DRIVER Rick
			195	Mark + Rick		
			453-790	(Thayer) Mark Mah		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 748' CASING SIZE & WEIGHT 2 7/8 EUE  
CASING DEPTH 746 DRILL PIPE TUBING OTHER  
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2 1/2 rubber Plug  
DISPLACEMENT 4.33 BBL DISPLACEMENT PSI MIX PSI RATE 4 BPM

REMARKS: Establish Circulation. Mix + Pump 10 BBL Soap  
Flush (ESA-41). Mix + Pump 81 SKS OWC Cement  
w/ 1/4" Flo-Seal per sack. Cement to surface.  
Flush pump + lines clean. Displace 2 1/2" rubber plug  
to casing TD w/ 4.33 BBL Fresh water. Pressure  
to 500 PSI. Shut in casing.

*Fred Mader*

Hat Drilling LLC.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump 290		800.00
5406	40 mi	MILEAGE Pump Truck 290		126.00
5407	Minimum	Ten Mileage 195		275.00
55010	10	2 hrs Transport 453+790		196.00
1126	81 SKS	OWC Cement		1186.45
1107	20 #	Flo-Seal		36.00
1238	1/2 Gal	ESA-41 (soap)		16.88
4402	1	2 1/2" Rubber Plug		18.00
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KANSAS CORPORATION COMMISSION				
MAY 07 2008				
CONSERVATION DIVISION				
WICHITA KS				
WD# 204632				
204633				
Sub Total				2654.53
Tax @ 6.3%				168.24
				781.6
SALES TAX				
ESTIMATED TOTAL				2732.75

AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE 2732.69