

FORM MUST BE TYPED

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

Operator: License # 3911

Name: RAMA Operating Co., Inc.

Address P.O. Box 159

Stafford, Ks. 67578

City/State/Zip

Purchaser:

Operator Contact Person: Robin L. Austin

Phone (316) 234 5191

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: Wayne Lebsack

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S1GW
 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 PBD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

5-14-91 5-21-91
Spud Date Date Reached TD Completion Date

API NO. 15- 18522775-0000

County Stafford

C SW NE SE Sec. 34 Twp. 25 Rge. 11 W E

1650 Feet from SXX (circle one) Line of Section

2310 Feet from EXX (circle one) Line of Section

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

Lease Name Zink Well # 1

Field Name Innamed

Producing Formation

Elevation: Ground 1820 KB 1829

Total Depth 4182 PBDT

Amount of Surface Pipe Set and Cemented at 227 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/ ex cmt.

Drilling Fluid Management Plan A 172 DM
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 500 bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name J & M & Dewaynes Tank Service

Lease Name Unknown License No. Unknown

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, 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 [Signature]

Title Vice President Date June 5, 1992

Subscribed and sworn to before me this 5th day of June 19 92.

Notary Public Billie Postier

Date Commission Expires

BILLIE POSTIER
Notary Public - State of Kansas
My Appt. Expires 2-21-96

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
STATE CORPORATION COMMISSION
RECEIVED
JUN (specify) 8 1992
WICHITA, KANSAS

Operator Name RAMA Operating Co. Inc. Lease Name Zink Well # 1

Sec. 34 Twp. 25 Rge. 11 East West
County Stafford

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.)

Log Formation (Top), Depth and Datum Sample
Name Top Datum

Attached

List All E.Logs Run: Guard Sidewall
Neutron Log

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	14 3/4	10 3/4	40.50	240	60/40 Poz	175	2% Gel 3CC

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 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: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval

ORIGINAL

DRILL STEM TEST RESULTS

DST No. 1			
Interval: 3812' to 3865' (53' of anchor)			
Intervals tested: Lansing 'K'			
Period	Time	Pressure	Description
IHSP		1872	
IFP	30	91-81	Weak 1" blow.
ISIP	30	101	Building slightly.
FFP	30	81-81	Weak 1" blow.
FSIP	30	101	Building slightly.
FHSP		1792	BHT = 119 deg. F.
Recovery:	10' of Drilling mud. (No shows)		

DST No. 2			
Interval: 3975' to 4040' (65' of anchor)			
Intervals tested: Mississippian (Full section)			
Period	Time	Pressure	Description
IHSP		1989	
IFP	30	85-85	Weak 3" blow.
ISIP	60	160	Still building slowly.
FFP	60	107-107	Weak 3" blow dec. to 1" blow.
FSIP	90	182	Still building slowly.
FHSP		1947	BHT = 122 deg. F.
Recovery:	120' of Drilling mud. (no shows)		

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 STATE CORRELATION COMMISSION
 JUN 8 1992
 CONSERVATION DIVISION
 Wichita, KS

ORIGINAL

DRILL STEM TEST RESULTS

DST No. 3			
Interval: 4061' to 4182' (121' of anchor)			
Intervals tested: Viola Dolomite			
Period	Time	Pressure	Description
IHSP		1973	
IFP	30	599-670	Strong blow off bottom of bkt.
ISIP	30	892	Almost stabilized.
FFP	30	771-852	Strong blow off bottom of bkt.
FSIP	30	902	Almost stabilized.
FHSP		1953	BHT = 123 deg. F.
Recovery:	480' of Gas in the pipe. 480' 60% Water, 10% Mud, 10% Oil, 20% Gas 480' 70% Water, 10% Mud, 10% Oil, 10% Gas 720' 65% Water, 10% Mud, 20% Oil, 5% Gas 1680' Total Fluid		

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ORIGINAL

GEOLOGICAL FORMATION TOPS

FORMATION TOP	ELECTRIC LOG DEPTH	DRILLING TIME DEPTH	SUB-SEA DEPTH (E-LOG)
Heebner Shale	3361	3364	-1532
Brown Limestone	3545	3549	-1716
Lansing	3572	3579	-1843
Lansing 'H' Base	3736	3741	-1907
BKC	3899	3906	-2070
Mississippian Chert	3986 (25')	3984	-2157
Mississippian Ls Top	4026 (32')	4029	-2197
Kinderhook Shale	4058	4068	-2229
Viola	Not Logged	4167	-2338 ^a
Total Depth	4132	4182	-2303

^a Sample elevation.

RECEIVED
COMMISSION
OCT 10 1992
REGISTRATION DIVISION

INAL

ORIGINAL



HALLIBURTON SERVICES

1081
10700

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
097649	05/21/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
ZINK 1		STAFFORD		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT		STERLING DRLG #2	PLUG TO ABANDON		05/21/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
723502	TOM MYERS			COMPANY TRUCK	15793	

RAMA OPERATING CO., INC.
P.O. BOX 159
STAFFORD, KS 67578

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	20	MI	2.60	52.00
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
504-308	STANDARD CEMENT	111	SK	5.35	593.85
506-105	POZMIX A	74	SK	2.79	206.46
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	7	SK	13.75	96.25
500-207	BULK SERVICE CHARGE	199	CFT	1.15	228.85
500-306	MILEAGE CMTG MAT DEL OR RETURN	168.65	TMI	.80	134.92
INVOICE SUBTOTAL					1,682.33
DISCOUNT-(BID)					302.80-
INVOICE BID AMOUNT					1,379.53
*-KANSAS STATE SALES TAX					58.63
*-PRATT COUNTY SALES TAX					13.80
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					1,451.96

POSTED

RECEIVED
STATE COMMISSION
JUN 8 1991
CH # 15674
6-5-91

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

OKLAHOMA SERVICE DIVISION
Wichita, Kansas

ORIGINAL

ORIGINAL



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
097726	05/14/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ZINK 1		PRATT		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET/DATE	
PRATT	STERLING DRLG	CEMENT SURFACE CASING		05/14/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
723502	T S MEYERS			COMPANY TRUCK	15451

RAMA OPERATING CO., INC.
P.O. BOX 159
STAFFORD, KS 67578

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	20	MI	2.60	52.00
		1	UNT		
001-016	CEMENTING CASING	240	FT	475.00	475.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	10	3/4 IN	115.00	115.00
		1	EA		
504-308	STANDARD CEMENT	88	SK	5.35	470.80
506-105	POZMIX A	87	SK	2.79	242.73
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00
500-207	BULK SERVICE CHARGE	183	CFT	1.15	210.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	153.14	TMI	.80	122.51
INVOICE SUBTOTAL					1,793.49
DISCOUNT-(BID)					323.49-
INVOICE BID AMOUNT					1,470.00
*-KANSAS STATE SALES TAX					40.11
*-PRATT COUNTY SALES TAX					9.44
POSTED					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,519.55

RECEIVED
STATE CORPORATIC
#15600
5-21-91
COMMISSION

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE, UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT