

ORIGINAL

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

Operator: License # 6875Name: Marmik Oil CompanyAddress 200 N. Jefferson - Suite 500City/State/Zip El Dorado, ArkansasPurchaser: N/AOperator Contact Person: Curtis G. MorrillPhone (501) 862-8546Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: J.C. Musgrove

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☐ Casinghead ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____03-17-97 03-23-97 03-24-97

Spud Date

Date Reached TD

Completion Date

API NO. 15- 165-217080000County Rush County, KansasN/2- NE- NW- Sec. 17 Twp. 18S Rge. 18 XXV ^E340' Feet from S (circle one) Line of Section1960' Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, N or SW (circle one)Lease Name Flamik Well # 1Field Name WildcatProducing Formation NoneElevation: Ground 2065' KB 2074'Total Depth 3890' PBTD 3890'Amount of Surface Pipe Set and Cemented at 1239' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan D&A JCM 6-16-97
(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. _____

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.

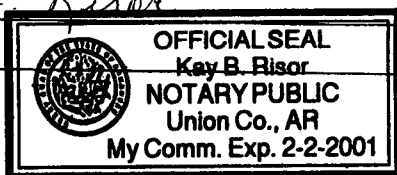
Signature

Title

Date 4-7-97Subscribed and sworn to before me this 7 day of April 19 97.

Notary Public

Date Commission Expires



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)		

Form ACO-1 (7-91)

SIDE TWO

Operator Name **Marmik Oil Company**Lease Name **Flamik**Well # **1**Sec. **17** Twp. **18S** Rge. **18**☐ East
☒ WestCounty **Rush County, Kansas**

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.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

DIL, CDL/CNL, SONIC

☒ Log

Formation (Top), Depth and Datum

☐ Sample

Name

Top

Datum

Anhydrite	1233	+841
Topeka	3099	-1025
Heebner	3420	-1346
Lansing	3472	-1392
BKC	3739	-1665
Marm.	3806	-1732
Cong.	3829	-1755
Arbuckle	not reached	
TD	3890	-1816

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"	8-5/8"	24#	1239'	60/40 poz	400	3%cc 2%gel

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 <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SVD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
D&A	

Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity
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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) _____

ALLIED CEMENTING CO., INC.

1593

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

M.B.

DATE <u>3-18-97</u>	SEC <u>17</u>	TWP <u>18</u>	RANGE <u>18</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>9:30 AM</u>	JOB START <u>1:20 PM</u>	JOB FINISH <u>1:20 PM</u>
LEASE <u>Flamik</u>	WELL # <u>1</u>	LOCATION <u>Rush Center 2N 12W 4S</u>			COUNTY <u>Rush</u>	STATE <u>K.S.</u>	

OR NEW (Circle one)

CONTRACTOR Duke Drilling Rig 4
 TYPE OF JOB Surface Pipe Job
 HOLE SIZE 124 T.D. 1242 ft
 CASING SIZE 2 1/2" New pipe DEPTH 1239 ft
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 2000 MINIMUM 1192 ft
 MEAS. LINE 1192 ft SHOE JOINT 42 ft
 CEMENT LEFT IN CSG. 42 ft
 PERFS. Displacement 76.2 bbl

OWNER

Same

CEMENT

AMOUNT ORDERED

400 @ 37.00 = 14800.00

COMMON

240

@

6.10

1464.00

POZMIX

160

@

3.15

504.00

GEL

7

@

9.50

66.50

CHLORIDE

12

@

28.00

336.00

HANDLING

400

@

1.05

420.00

MILEAGE

30

@

1.05

480.00

TOTAL \$ 3270.50

EQUIPMENT

PUMP TRUCK CEMENTER Mike M
 # 120 HELPER Duane S.
 BULK TRUCK
 # 344 DRIVER Rick W.
 BULK TRUCK
 # DRIVER

REMARKS:

SERVICE

Circulate The Hole with Rig
 Mud Pump
 Mix Cement + Release Plug
 Displace Plug Down with water
 Cement did Circulate to Surface

DEPTH OF JOB 1239 ft
 PUMP TRUCK CHARGE 0-300' 445.00
 EXTRA FOOTAGE 939 @ .41 384.99
 MILEAGE 30 @ 2.85 85.50
 PLUG 1-8# Rubber Plug @ 90.00 90.00

TOTAL \$ 1005.49

CHARGE TO: Marmik Oil Co.
 STREET 200 N. Jefferson Suite 500
 CITY El Dorado STATE Arkansas ZIP 71730

FLOAT EQUIPMENT

8 1/2" - 1" baffle plate @ 135.00 135.00
 @
 @
 @
 @

TOTAL

TAX

- 0 -

TOTAL CHARGE

\$ 4410.99

DISCOUNT

\$ 661.65

IF PAID IN 30 DAYS

Net \$ 3749.34

(Bid on 1100') (Set 1239')

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Rich Wheeler

ALLIED CEMENTING CO., INC.

3601

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Atwood City

DATE 3-23-96 SEC. 17 TWP. 18 RANGE 18 CALLED OUT 8:00 pm ON LOCATION 12:20 AM JOB START 1:00 AM JOB FINISH 3:00 PM
LEASE Marmik WELL # 1 LOCATION Rush Center 2 N 1 3/4 W S.S. COUNTY Rush STATE KS
OLD OR NEW (Circle one)

CONTRACTOR Oceba Dalg #4
TYPE OF JOB Rotary Plug
HOLE SIZE 7 7/8 T.D. 3890
CASING SIZE 8 5/8 DEPTH 1239
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.

OWNER

Same

CEMENT

AMOUNT ORDERED 105 69/40 69 del

COMMON 63 @ 6.10 384.30
POZMIX 42 @ 3.15 132.30
GEL 5 @ 9.50 47.50
CHLORIDE @
@
@
@
@
@
@
@

HANDLING 105 @ 1.05 110.25
MILEAGE 30 126.00

TOTAL \$ 800.35

EQUIPMENT

PUMP TRUCK CEMENTER J. Weighman
181 HELPER B. Burkham
BULK TRUCK
116 DRIVER B. White
BULK TRUCK
DRIVER

REMARKS:

50s x e. 1230 Deep mud
30 e. 600
10 e 40
15 RH

Thanks

SERVICE

DEPTH OF JOB 1230
PUMP TRUCK CHARGE 445.00
EXTRA FOOTAGE @
MILEAGE 30 @ 2.85 85.50
PLUG Top Dry @ 23.00 23.00
Hole @
@

TOTAL \$ 553.50

CHARGE TO: Marmik
STREET 200 N Jefferson Suite 500
CITY El Dorado STATE KS ZIP 71730

FLOAT EQUIPMENT

@
@
@
@
@

TOTAL

To Allied Cementing Co., Inc.
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SIGNATURE Rich Wheeler

TAX -0-

TOTAL CHARGE \$ 1,353.85
DISCOUNT \$ 203.08 IF PAID IN 30 DAYS

Net \$ 1150.77