

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

DESCRIPTION OF WELL AND LEASE 140'S & 170'E - C - S $\frac{1}{2}$ - SW Sec. 28 Twp. 9 Rge. 19 W^E

API NO. 15- 163-23431-0000

County ROOKS

520 Feet from S (circle one) Line of Section

1490 Feet from E (circle one) Line of Section

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

Lease Name MCFARLAND Well # 1

Field Name WILDCAT

Producing Formation _____

Elevation: Ground 2218' KB 2223'

Total Depth 3826' PBTD _____

Amount of Surface Pipe Set and Cemented at 209 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 cmt.

Drilling Fluid Management Plan P+A RGR 2/25/08
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 80 bbls

Dewatering method used LET DRY

Location of fluid disposal if hauled offsite: _____

RECEIVED

JAN 07 2005

Operator Name _____ License No. KCC WICHITA

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

County _____ Docket No. _____

Operator: License # 5259

Name: ALLEN BANGERT

Address P.O. BOX 33

City/State/Zip RUSSELL, KS. 67665

Purchaser: NZA

Operator Contact Person: ALLEN BANGERT

Phone: (785) 483 2169

Contractor: Name: MURFIN DRILLING CO., INC.

License: 30606

Wellsite Geologist: DAVE SHUMAKER

Designate Type of Completion

New Well Re-Entry Workover

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

If Workover:

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. _____

11-1-04 11-08-04 11-08-04
Spud Date Date Reached TD Completion Date

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 1-5-05

Subscribed and sworn to before me this 4th day of January, 2005.

Notary Public Susan Tomasino

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name MAT OIL OPERATIONS, INC.

Lease Name MCFARLAND

Well # 1A14190

Sec. 28 Twp. 9 Rge. 19

East
 West

County ROOKS

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 No

Electric Log Run (Submit Copy.)

Yes No

List All E.Logs Run:

DUAL INDUCTION, COMPENSATED NEUTRON-DENSITY, SONIC

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
ANHYDRITE	1621	602
TOPEKA	3193	-970
HEEBNER	3400	-1177
TORONTO	3422	-1199
LANSING	3440	-1217
BASE K.C.	3650	-1427
CONGLOMERATE	3677	-1454
ARBUCKLE	3747	-1524

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"	23#	209'	COMMON	160	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3824'	ASC	125	
		5 1/2" PULLED					

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
4	3748-51'	500 GAL. 20% HCL	
3	3612-16', 3480-84', 3422-26'	2500 GAL. 15% & 20% HCL	

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, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
NONE	

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: _____

ALLIED CEMENTING CO., INC. 18925

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

SERVICE POINT:
Russell

McFarland

DATE <u>11-1-04</u>	SEC. <u>28</u>	TWP. <u>9</u>	RANGE <u>19</u>	CALLED OUT <u>5:00 AM</u>	ON LOCATION <u>7:30 AM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>8:45 AM</u>
LEASE # <u>11110</u>	WELL # <u>2</u>	LOCATION <u>ZURICH 3/4W 1/4N</u>	COUNTY <u>ROOKS</u>	STATE <u>KANSAS</u>			

OLD OR NEW (Circle one)

CONTRACTOR MURFIN 16

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 210

CASING SIZE 8 5/8 SURFACE DEPTH 208

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERES

DISPLACEMENT 12 1/2 / 8 BL

EQUIPMENT

PUMP TRUCK CEMENTER Gene

366 HELPER Shane

BULK TRUCK

213 DRIVER RUFUS

BULK TRUCK DRIVER

OWNER

CEMENT AMOUNT ORDERED 160 com.

290 GEL

390 CC

COMMON 160 McFarland / 256

POZMIX @

GEL 3 @ 1100 3300

CHLORIDE 5 @ 3300 16500

ASC @

RECEIVED

JAN 07 2005

KCC WICHITA

HANDLING 168 @ 1300 22600

MILEAGE 54/54/1125 44500

TOTAL 212600

REMARKS:

Cement

THANKS

CHARGE TO: MAT Oil Oper.

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 57000

EXTRA FOOTAGE @

MILEAGE 53 @ 4000 21200

MANIFOLD @

8 5/8 WOODEN @ 5500

TOTAL 83700

PLUG & FLOAT EQUIPMENT

ALLIED CEMENTING CO., INC.

19407

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

SERVICE POINT:

Russell

DATE <i>12-8-04</i>	SEC.	TWP.	RANGE	CALLED OUT <i>8:00 AM</i>	ON LOCATION <i>11:00 AM</i>	JOB START	JOB FINISH <i>12:30 PM</i>
LEASE <i>Ms. England</i>	WELL # <i>1</i>		LOCATION <i>ZURICH SW</i>			COUNTY <i>ROOF</i>	STATE <i>KN</i>
OLD OR NEW (Circle one)							

CONTRACTOR *Quality*

TYPE OF JOB *PLUG*

HOLE SIZE *7 7/8* T.D.

CASING SIZE *5 1/2* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED

250 lbs 60/40 / 10% Gel

500 # HULLS Used 200 lbs

COMMON	<i>135</i>	@	<i>7.85</i>	<i>1059.75</i>
POZMIX	<i>90</i>	@	<i>4.10</i>	<i>369.00</i>
GEL	<i>15</i>	@	<i>11.00</i>	<i>165.00</i>
CHLORIDE		@		
ASC		@		
<i>Hulls</i>	<i>5</i>	@	<i>20.00</i>	<i>100.00</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*

345 HELPER *DAVE*

BULK TRUCK

212 DRIVER *Rufus*

BULK TRUCK

DRIVER

RECEIVED

JAN 07 2005

KCC WICHITA

HANDLING	<i>270</i>	@	<i>1.35</i>	<i>364.50</i>
MILEAGE	<i>54 1/2</i>		<i>MILE</i>	<i>675.00</i>
TOTAL				<i>2733.25</i>

REMARKS:

Spot 125 lbs Cent of 400 # HULLS

16.50

Pull to 850 spot 40 lbs w/ 100 # HULLS

Pull to 250 Circ. Cent of 50 lbs

TOP OFF w/ 10 SL

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<i>525.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>50</i>	@	<i>4.00</i>	<i>200.00</i>
MANIFOLD		@		
TOTAL				<i>725.00</i>

CHARGE TO: *mai*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., INC.

1881

PO BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

11-7-04	SEC. 28	TWP. 9	RANGE 19	CALLED OUT 11:00/AM	ON LOCATION 4:00/PM	JOB START	JOB FINISH 10:40 AM
BASE <i>McFarland</i>	WELL # 1	LOCATION <i>Zurich 1W</i>			COUNTY <i>Rooks</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR: *Muffin #76*

TYPE OF JOB: *Prod CSG*

HOLE SIZE: *7 7/8* T.D. *3825*

CASING SIZE: *5 1/2* DEPTH

TUBING SIZE: DEPTH

DRILL PIPE: DEPTH

TOOL: DEPTH

PRES. MAX: MINIMUM

MEAS. LINE: SHOE JOINT

CEMENT LEFT IN CSG. *18'*

PERFS:

DISPLACEMENT *92.86 bbls*

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*

366 HELPER *Shane*

BULK TRUCK

213 DRIVER *Rotos Bill*

BULK TRUCK

DRIVER

RECEIVED

REMARKS: JAN 07 2005

Pipe cost 3824.50 KCC WICHITA

Shoe 18.00

Insert 3806

mix 750 gal of Flush Cemt w/ 125 gal

pump plug w/ 92.8 bbls of water

land plug e Float did hold

15 SX RH Did not land plug

10 SX MH Follow w/ m.i. Stop @ 3314

CHARGE TO: *Mai Oil op.*

STREET

CITY STATE ZIP

PC 39

OWNER

CEMENT AMOUNT ORDERED

150 lbs ASC 2% Gel 10% Salt

5# Gel 3 1/2 CD 3' w/ Defoamer WFR-2-?

COMMON	@		
POZMIX	@		
GEL	3	@ 11.00	33.00
CHLORIDE	@		
ASC	150	@ 9.80	1470.00
WFR-2	750 gals	@ 1.00	750.00
Salt	14	@ 15.00	210.00
Gilsonite	250#	@ .50	375.00
CD-31	105#	@ 5.50	577.50
DEFoamer	25#	@ 5.25	131.25
	@		
	@		
	@		
HANDLING	182	@ 1.35	245.70
MILEAGE	54 1/2 sk/mile		482.30
TOTAL			4274.75

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1180.00
EXTRA FOOTAGE	@		
MILEAGE	53	@ 4.00	212.00
MANIFOLD	@		
<i>1/2 Rubber plug</i>	@		60.00
	@		
TOTAL			1452.00

PLUG & FLOAT EQUIPMENT

10-TurboCent	@ 50.00	500.00
Insert	@	235.00
1-Basket	@	128.00
1-Portcoller "W"	@	1500.00
Circle shoe	@	150.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment