



1036079

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - _____

Operator: _____

Lease: _____

Well Number: _____

Field: _____

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

Location of Well: County: _____

_____ feet from N / S Line of Section

_____ feet from E / W Line of Section

Sec. _____ Twp. _____ S. R. _____ E W

Is Section: Regular or Irregular

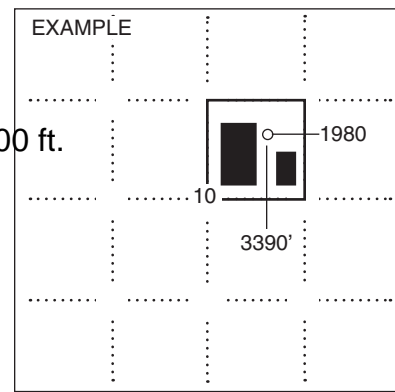
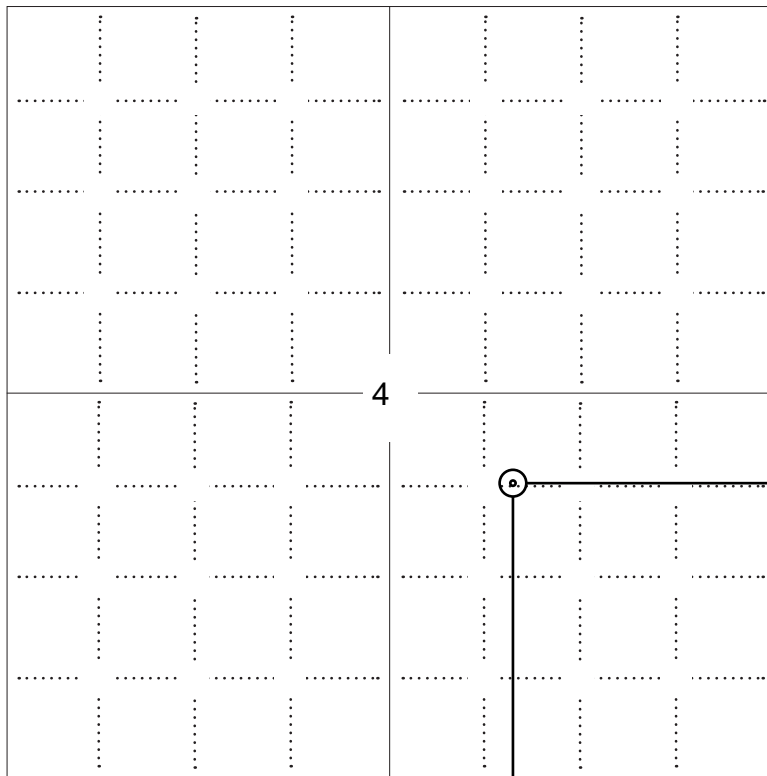
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)

(Show footage to the nearest lease or unit boundary line.)



NOTE: In all cases locate the spot of the proposed drilling locaton.

2020 ft.

In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).



KANSAS CORPORATION COMMISSION 1036079
OIL & GAS CONSERVATION DIVISION

Form CDP-1
April 2004
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____ - _____ - _____ - _____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) _____ N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) _____ No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: _____ measured _____ well owner _____ electric log _____ KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

KCC OFFICE USE ONLY		Steel Pit	RFAC	RFAS
Date Received: _____	Permit Number: _____	Permit Date: _____	Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL PLUGGING RECORD K.A.R. 82-3-117

Form CP-4 December 2003 Type or Print on this Form Form must be Signed All blanks must be Filled

Lease Operator: Mai Oil Operations, Inc. Address: PO Box 33, Russell, KS 67665 Phone: (785) 483-2169 Operator License #: 5259 Type of Well: Oil D & A Docket #: The plugging proposal was approved on: 12-21-06 by: Herb Deines Is ACO-1 filed? [X] Yes [] No If not, is well log attached? [] Yes [] No Producing Formation(s): List All (If needed attach another sheet)

API Number: 15 - 009-25007-00-00 Lease Name: Popp Well Number: 2 Spot Location (QQQQ): - E/2 - NW - SE 2020 Feet from [] North / [X] South Section Line 1800 Feet from [X] East / [] West Section Line Sec. 4 Twp. 16 S. R. 14 [] East [X] West County: Barton Date Well Completed: D & A Plugging Commenced: 12-22-06 Plugging Completed: 12-22-06

Show depth and thickness of all water, oil and gas formations.

Table with 7 columns: Oil, Gas or Water Records (Formation, Content) and Casing Record (Surface Conductor & Production) (From, To, Size, Put In, Pulled Out). Row 1: *see attached drilling report, 0', 434', 8 5/8" new 23#, 424.16', 0'

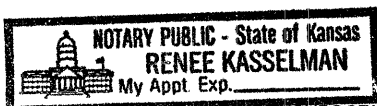
Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plug well with 125 sacks of 60/40 Poz, 6% gel, 1/4# floesal per sack. 1st plug @ 3375' with 25 sacks. 2nd plug @ 935' with 25 sacks. 3rd plug @ 500' with 50 sacks. 4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. Job complete @ 2:45 am on 12-22-06 by Allied Cementing (tk #33471)

Name of Plugging Contractor: Southwind Drilling, Inc. License #: 33350 Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: Mai Oil Operations, Inc. State of Kansas County: Barton, ss.

Todd E. Morgenstern, VP/OP of Southwind Drilling, Inc. (Employee of Operator) or (Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.



(Signature) Todd E. Morgenstern (Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 26 day of December, 2006

Renee Kasselmann My Commission Expires: 7-15-09 Notary Public

RECEIVED KANSAS CORPORATION COMMISSION

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

DEC 28 2006

CONSERVATION DIVISION WICHITA, KS

SOUTHWIND DRILLING, INC. PLUGGING ORDERS AND REPORTS

Lease: Popp #2

Plugging received from: Herb Deines Date: 12-22-06 Time: 9:45 A.M.

1st Plug @ 3375 FT. 25 SX Stands: _____

2nd Plug @ 935 FT. 25 SX Stands: _____

3rd Plug @ 500 FT. 50 SX Stands: _____

4th Plug @ 40 FT. 10 SX Stands: _____

5th Plug @ _____ FT. _____ SX Stands: _____

Mousehole none SX

Rathole 15 SX

Total Cement used: 125 SX

Type of cement: 60/40 6% Gel 1/4" cell Flake per SX

Plug down at 2:45 AM 12-22-06 by Allied Cementive
T. No. _____

Call State When Completed:

Name Herb Deines Date: 12-22-06 Time: 11:30 AM

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KANSAS CORPORATION COMMISSION
DEC 28 2006
CONSERVATION DIVISION
WICHITA, KS

SOUTHWIND DRILLING, INC.
RIG #3

PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Popp #2

Location: 2020' FSL & 1800' FEL
API#: 15-009-25007-00-00

Section 4-16S-14W
Barton County, Kansas

OWNER: : Mai Oil Operations, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #3

COMMENCED: 12-15-06
COMPLETED: 12-22-06

TOTAL DEPTH: Driller: 3450'
Logger: 3450'

Ground Elevation: 1913'
KB Elevation: 1921'

LOG :

0'	-	910'	Redbed/Shales
910'	-	935'	Anhydrite
935'	-	1960'	Shales
1960'	-	3450'	Lime/Shale
		3450'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 10 joints of 23# new 8 5/8" surface casing. Tally @ 424.16'. Set @ 434'. Cement with 225 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 2:45 am on 12-16-06 by Allied Cementing (tk # 26085).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

3/4 degree (s)	@	435'
1/2 degree (s)	@	3174'

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CONSERVATION DIVISION
WICHITA, KS

MORNING DRILLING REPORT				Fax to: Mai Oil & Allen Bangert			
Southwind Drilling, Inc. PO-Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah 316-841-9510		Email to: Kitt Noah		WELL NAME	
Rig #3 Phone Numbers		IN USE		LOCATION		Popp #2	
620-566-7104	Rig Cellular (Dog house)	Yes		2020' FSL & 1800' FEL Sec. 4-16S-14W Barton Co., KS			
620-566-7108	Geologist Trailer Cellular	Yes		Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883			
620-566-7200	Tool Pusher Cellular	Yes	Jim Pfaff	ELEVATION	G.L. 1913'	K.B. 1921'	API# 15-009-25007-00-00

Driving Directions: From Great Bend: North on Hwy 281 to Russell/Barton County line, 1 mile West, 5/8 mile South, West into. (Or from Stickney: 4 miles North, 1 mile West, 1/2 mile South).

Day	1	Date	12-15-06	Friday	Survey @ 435' = 3/4 degrees
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Moved Rig #3 on location

Spud @ 4:00 pm

Ran 7.00 hours drilling (2.50 drill rat hole, 4.50 drill 12 1/4"). Down 17.00 hours (6.50 move/rig up, 1.50 connection, 1.00 rig repair, .25 trip, .25 survey, 2.00 run casing/cement, .25 jet, 1.00 circulate, 4.25 wait on cement)

Mud properties: spud mud

Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00

Wt. on bit: 15,000, 130 RPM, 450# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50 hrs. - 435'

1" fuel = 39.00 gals.

Fuel usage: 312.00 gals. (79"used 8") Start @ 29" + 58" delivered = 87"

Ran 10 joints of 23# new 8 5/8" surface casing. Tally @ 424.16'. Set @ 434'. Cement with 225 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 2:45 am on 12-16-06 by Allied Cementing (tkt # 26085).

Day	2	Date	12-16-06	Saturday
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7:00 am - Waiting on cement @ 435'

Ran 12.75 hours drilling. Down 11.25 hours (.75 rig check, 2.75 rig repair, 3.75 wait on cement, .25 drill plug, 2.50 connection, 1.25 jet.)

Mud properties: spud mud

Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00

Wt. on bit: 25,000, 80 RPM, 650# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50 hrs. - 435'

7 7/8" bit #1 (in @ 435') = 12.75 hrs. - 1203'

Fuel usage: 312.00 gals. (71"used 8")

Day	3	Date	12-17-06	Sunday
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7:00 am - Drilling @ 1638'

Ran 19.50 hours drilling. Down 4.50 hours (1.00 rig check, 2.00 connection, 1.00 jet, .50 rig repair)

Mud properties: wt. 9.9, vis. 27

Daily Mud Cost = \$270.75. Mud Cost to Date = \$270.75

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50hrs. - 435'

7 7/8" bit #1 (in @ 435') = 32.25 hrs. - 1203'

Fuel usage: 468.00 gals. (59"used 12")

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CONSERVATION DIVISION
WICHITA, KS

MORNING DRILLING REPORT				Fax to: Mai Oil & Allen Bangert			
Southwind Drilling, Inc. PO-Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah 316-841-9510		Email to: Kitt Noah		WELL NAME	
Rig #3 Phone Numbers		IN USE		LOCATION		Popp #2	
620-566-7104	Rig Cellular (Dog house)	Yes		2020' FSL & 1800' FEL Sec. 4-16S-14W Barton Co., KS			
620-566-7108	Geologist Trailer Cellular	Yes		Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883			
620-566-7200	Tool Pusher Cellular	Yes	Jim Pfaff	ELEVATION	G.L. 1913'	K.B. 1921'	API# 15-009-25007-00-00

Driving Directions: From Great Bend: North on Hwy 281 to Russell/Barton County line, 1 mile West, 5/8 mile South, West into. (Or from Stickney: 4 miles North, 1 mile West, 1/2 mile South).

Day 4 Date 12-18-06 Monday

7:00 am – Drilling @ 2462'

Ran 18.50 hours drilling. Down 5.50 hours (1.00 rig check, 1.50 rig repair, 1.00 connection, 1.00 jet, 1.00 displace @ 2781')

Mud properties: wt. 8.7, vis. 51, water loss 7.2

Daily Mud Cost = \$3,283.57. Mud Cost to Date = \$3,554.32

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50hrs. - 435'

7 7/8" bit #1 (in @ 435') = 50.75 hrs. - 2626'

Fuel usage: 468.00 gals. (47" used 12")

Day 5 Date 12-19-06 Tuesday Survey @ 3174' = 1/2 degree
Pipe strap = .93 long to the board

DST #1 (3137'-3174')
LKC "B" – "C" formation
Recovered 3' mud with oil scum

7:00 am – Drilling @ 3061'

Ran 8.00 hours drilling. Down 16.00 hours (1.25 CFS @ 3085', 1.25 CFS @ 3174', 2.00 CTCH, 8.00 trip, .25 survey, .75 rig check, 1.75 DST #1, .50 connection, .25 jet)

Mud properties: wt. 8.9, vis. 54, water loss 7.2

Daily Mud Cost = \$979.93. Mud Cost to Date = \$4,534.25

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50hrs. - 435'

7 7/8" bit #1 (in @ 435') = 58.75 hrs. - 2824'

Fuel usage: 468.00 gals. (35" used 12")

Day 6 Date 12-20-06 Wednesday DST #2 (3348'-3391')
Arbuckle formation
Recovered 10' oil cut mud

7:00 am – Drilling @ 3259'

Ran 6.00 hours drilling. Down 18.00 hours (1.00 CFS @ 3300', .75 CFS @ 3325', 1.25 CFS @ 3391', 7.00 trip, 4.50 rig repair, 3.00 DST #2, .25 connection, .25 jet)

Mud properties: wt. 9.1, vis. 43, water loss 8.0

Daily Mud Cost = \$659.31. Mud Cost to Date = \$5,193.56

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50hrs. - 435'

7 7/8" bit #1 (in @ 435') = 64.75 hrs. - 2956'

Fuel usage: 312.00 gals. (27" used 8")

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DEC 28 2006
CONSERVATION DIVISION
WICHITA, KS

MORNING DRILLING REPORT				Fax to: Mai Oil & Allen Bangert			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah 316-841-9510		Email to: Kitt Noah		WELL NAME	
						Popp #2	
				LOCATION		2020' FSL & 1800' FEL Sec. 4-16S-14W Barton Co., KS	
Rig #3 Phone Numbers		IN USE		Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883			
620-566-7104	Rig Cellular (Dog house)	Yes					
620-566-7108	Geologist Trailer Cellular	Yes					
620-566-7200	Tool Pusher Cellular	Yes	Jim Pfaff				
				ELEVATION	G.L. 1913'	K.B. 1921'	API# 15-009-25007-00-00

Driving Directions: From Great Bend: North on Hwy 281 to Russell/Barton County line, 1 mile West, 5/8 mile South, West into. (Or from Stickney: 4 miles North, 1 mile West, 1/2 mile South).

Day	7	Date	12-21-06	Thursday
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RTD = 3450'

LTD = 3450'

7:00 am – Tripping in with bit @ 3391'

Ran 2.25 hours drilling. Down 21.75 hours (1.00 CFS @ 3450'. 1.00 CTCH, 3.00 trips, .75 rig repair, 3.50 log, 1.00 wait on cementers, 350 lay down pipe, 3.75 plug, 4.25 tear down)

Mud properties: wt. 9.3, vis. 53, water loss 7.6

Daily Mud Cost = \$837.57. **Total Mud Cost = \$6,031.13**

Wt. on bit: 30,000, 80 RPM, 600# pump pressure

12 1/4" bit #1 (in @ 0' out @ 435') = 4.50hrs.- 435'

7 7/8" bit #1 (in @ 435' out @ 3450') = 67.00 hrs. - 3015'

Fuel usage: 234.00 gals. (21"used 6")

Plug well with 125 sacks of 60/40 Poz, 6% gel, 1/4# floseal per sack.

1st plug @ 3375' with 25 sacks. 2nd plug @ 935' with 25 sacks. 3rd plug @ 500' with 50 sacks.

4th plug @ 40' with 10 sacks. to surface. Plug rat hole with 15 sacks. Job complete @ 2:45 am on 12-22-06 by Allied Cementing (tk # 33471)

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DEC 28 2006

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

33471

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

SERVICE POINT:

Russell

DATE <u>12-21-06</u>	SEC. <u>4</u>	TWP. <u>16</u>	RANGE <u>19</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>10:00 AM</u>	JOB START <u>1:45 AM</u>	JOB FINISH <u>2:45 AM</u>
LEASE <u>Popp</u>	WELL # <u>2</u>	LOCATION <u>Russell S. To Co. Line</u>			COUNTY <u>Barton</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1W 348 1/2 W into</u>			

CONTRACTOR Southwind Rig# 3

TYPE OF JOB ROTARY Plug

HOLE SIZE 7 7/8 T.D. 3450

CASING SIZE 8 7/8 Surface DEPTH 434

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X-H DEPTH @ 3325

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 120 SK 69 1/40 62 SK

4 # FD-800

Pop SK

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Gary

396 HELPER Gary

BULK TRUCK DRIVER Brian

828

BULK TRUCK DRIVER _____

REMARKS:

25 SK @ 3325

20 SK @ 345

50 SK @ 500

10 SK @ 40

15 SK @ Rothole

THANKS

CHARGE TO: MAI Oil Operations

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 [Signature]

PRINTED NAME _____



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner*

March 15, 2010

Allen Bangert
Mai Oil Operations, Inc.
8411 PRESTON RD STE 800
DALLAS, TX 75225-5520

Re: Drilling Pit Application
Popp 2
SE/4 Sec.04-16S-14W
Barton County, Kansas

Dear Allen Bangert:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (785) 625-0550 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through SOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the District Office at (785) 625-0550.

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>