For KCC Use:	11-13-07
Effective Date:	11-13-07
District #	
SGA? Yes	s 🔀 No

Kansas Corporation Commission Oil & Gas Conservation Division

NOTICE OF INTENT TO DRILL

flust be approved by KCC five (5) days prior to commencing well

Form C-1
December 2002
Form must be Typed
Form must be Signed
All blanks must be Filled

Must be approved by KCC five		
Expected Spud DateOctober 31, 2007	Spot	East
month day year		West
OPERATOR: License# 32811	1953 feet from VN / S Line of Section	
Name: Osage Resources, L.L.C.	1985 Feet from F E / W Line of Section	
Address: 6209 N Hwy 61	Is SECTION _✓ RegularIrregular?	
City/State/Zip: Hutchinson, KS 67502	(Note: Locate well on the Section Plat on reverse side)	
Contact Person. Brooke C. Maxfield	County: Barber	
Phone: (620) 664-9622	Lease Name: Osage Well #: 111	
33734	Field Name: Aetna Gas Area	
CONTRACTOR: License# 33724 Name; Warren Drilling, L.L.C.	Is this a Prorated / Spaced Field?	/ No
Name:	Target Formation(s): Mississippian	
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary: 1953'	
Oil Enh Rec Infield ✓ Mud Rotary	Ground Surface Elevation: 1850 feet	MSL
Gas Storage ✓ Pool Ext. Air Rotary	Water well within one-quarter mile:	/ No
OWO Disposal Wildcat Cable	Public water supply well within one mile:	No
Seismic;# of Holes Other	Depth to bottom of fresh water:	
Other	Depth to bottom of usable water:	
	Surface Pipe by Alternate: 2	
f OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 210'	
Operator:	Length of Conductor Pipe required: None	
Well Name:	Projected Total Depth: 5500'	
Original Completion Date:Original Total Depth:	romation at rotal Deptili.	
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:	
f Yes, true vertical depth:	Well ✓ Farm Pond Other	
Bottom Hole Location:	DWR Permit #:	
KCC DKT #:	(Note: Apply for Permit with DWR	
	Will Cores be taken?	No
	If Yes, proposed zone:	
AFFI	IDAVIT RECEIVE	ED
The undersigned hereby affirms that the drilling, completion and eventual pl	lugging of this well will comply with K.S.A. 55 et. seqKANSAS CORPORATION	N COMM
It is agreed that the following minimum requirements will be met:		•
Notify the appropriate district office <i>prior</i> to spudding of well;	OCT 25 2	2007
2. A copy of the approved notice of intent to drill shall be posted on each 3. The minimum amount of surface nine as specified below shall be set	ch drilling rig;	
through all unconsolidated materials plus a minimum of 20 feet into the	er drilling ng, per by circulating cement to the top; in all cases surface pi persettance ; he underlying formation.	MOISIVE
4. If the well is dry hole, an agreement between the operator and the di	fistrict office on plug length and placement is necessary prior to plugging	8 1 g :
The appropriate district office will be notified before well is either plug.	gged or production casing is cemented in;	
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented. Or pursuant to Appendix "B". Enters Kansas audices assiss and as	ed from below any usable water to surface within 120 days of spud date	
must be completed within 30 days of the soud date or the well shall h	#133,891-C, which applies to the KCC District 3 area, alternate II cemer be plugged. In all cases, NOTIFY district office prior to any cementing	nting
hereby certify that the statements made herein are true and to the best of	the contract of the contract o	•
Thereby defany that the statements made herein are tide and to the best of	Thy knowledge and benefit.	
Date: 10/25/2007 Signature of Operator or Agent: (\ Y \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Title: Geological Technician II	
Date: 10/25/2007 Signature of Operator or Agent:		
Signature of Operator or Agent:	Remarkes to	
	Remember to:	
For KCC Use ONLY	- File Drill Pit Application (form CDP-1) with Intent to Drill;	
For KCC Use ONLY API # 15 007 - 23227-0000	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; 	بر ا
For KCC Use ONLY API # 15 - 007 - 23227-0000 Conductor pipe required feet	- File Drill Pit Application (form CDP-1) with Intent to Drill;	છ
For KCC Use ONLY API # 15 - 007 - 23227-0000 Conductor pipe required None feet Minimum surface pipe required 200 feet per Alt. (1)	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; 	છ
For KCC Use ONLY API # 15 - 007 - 23227-0000 Conductor pipe required None feet Minimum surface pipe required 200 feet per Alt. (1)	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; 	B
For KCC Use ONLY API # 15 - 007 - 23227-0000 Conductor pipe required None feet Minimum surface pipe required 200 feet per Alt. (1) Approved by: Rull 11-8-07	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed; 	23
For KCC Use ONLY API # 15 - 007 - 23227-0000 Conductor pipe required None feet Minimum surface pipe required 200 feet per Alt 1 X Approved by: Rull 11-8-08	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. 	23 33
For KCC Use ONLY API # 15 - 007 - 23227-000 Conductor pipe required	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) please 	23
For KCC Use ONLY API # 15 - 007 - 23227-000 Conductor pipe required None feet Minimum surface pipe required 200 feet per Alt. 1 X Approved by: Putt 11-8-08 (This authorization void if drilling not started within months of approval date.)	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) please check the box below and return to the address below. 	23 33 /
For KCC Use ONLY API # 15 - 007 - 23227-0000 Conductor pipe required None feet Minimum surface pipe required 200 feet per Alt. (1) Approved by: Pur II-807 This authorization expires: 118-08 (This authorization void it drilling not started within months of approval date.)	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) please check the box below and return to the address below. Well Not Drilled - Permit Expired 	23 15

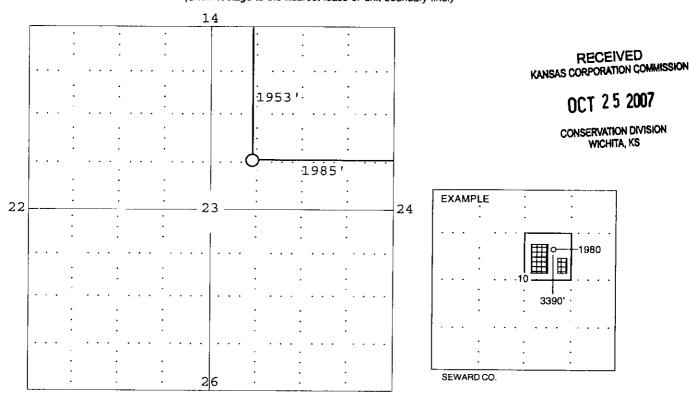
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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 - 007- 23227-0000	Location of Well: County: Barber
Operator: Osage Resources, L.L.C.	
Lease: Osage	1953 feet from VN/S Line of Section 1985 feet from VE/E/W Line of Section
Well Number: 111	Sec. 23 Twp. 33 S. R. 15 East ✓ Wes
Field: Aetna Gas Area Number of Acres attributable to well:	ls Section: ✓ Regular or ☐ Irregular
QTR / QTR / QTR of acreage: NW - SW - NE	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.

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 section's south / north and east / west.
- 3. The distance to the nearest lease or unit boundary line.
- 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 Oil & Gas Conservation Division

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Osage Resources, L.L.C.			License Number: 32811
Operator Address: 6209 N Hwy 61		on, KS 6750	4
Contact Person: Brooke C. Maxfield			Phone Number: (620) 664 - 9622
Lease Name & Well No.: Osage 111			Pit Location (QQQQ):
Type of Pit: Pit is;			NW SW NE
Emergency Pit Burn Pit Settling Pit ✓ Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Proposed If Existing, date of NA Pit capacity: 4500	(bbls)	Sec. 23 Twp. 33 R. 15 East West 1953 Feet from North / South Line of Section 1985 Feet from East / West Line of Section Barber County
Is the pit located in a Sensitive Ground Water	Area? Yes _✔	No	Chloride concentration: NA mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level? Ves No	Artificial Liner? ☐ Yes ☑ No		How is the pit lined if a plastic liner is not used? Surface clay/shale fill
Pit dimensions (all but working pits):6	O Length (fe	eet)40	Width (feet) N/A: Steel Pits
Depth fro	om ground level to de		
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and deterministion commission liner integrity, including any special monitoring.	
A.L.A.			
NA		NA	OCT 25 2007
NA		NA	OCT 25 2007 CONSERVATION DIVISION WICHITA, KS
Distance to nearest water well within one-mile	of pit	Depth to shallo	CONSERVATION DIVISION WICHITA, KS
	·	Depth to shallor Source of inform	CONSERVATION DIVISION WICHITA, KS
Distance to nearest water well within one-mile	·	Depth to shallon Source of inform	CONSERVATION DIVISION WICHITA, KS west fresh water 100feet. mation:
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: NA	·	Depth to shallor Source of inform measu Drilling, Worke	CONSERVATION DIVISION WICHITA, KS west fresh water 100 feet. mation: red well owner electric log KDWR
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY:	·	Depth to shallon Source of inform measure Drilling, Worked Type of material Number of works	CONSERVATION DIVISION WICHITA, KS west fresh water 100 feet. mation: red well owner electric log KDWR ever and Haul-Off Pits ONLY: I utilized in drilling/workover: Bentonite Drilling Mud ting pits to be utilized: 3
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: NA	·	Depth to shallon Source of inform measure Drilling, Worked Type of material Number of works	CONSERVATION DIVISION WICHITA, KS west fresh water 100 feet. mation: red well owner electric log KDWR over and Haul-Off Pits ONLY: I utilized in drilling/workover: Bentonite Drilling Mud
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: NA Number of producing wells on lease: NA	NAfeet	Depth to shallon Source of inform measur Drilling, Worke Type of materia Number of work Abandonment p	west fresh water 100 feet. mation: red well owner electric log KDWR ever and Haul-Off Pits ONLY: I utilized in drilling/workover: Bentonite Drilling Mud sing pits to be utilized: 3
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: NA Number of producing wells on lease: NA Barrels of fluid produced daily: Does the slope from the tank battery allow all standards.	NA feet	Depth to shallon Source of inform measure Drilling, Worked Type of material Number of work Abandonment prillipits must be	CONSERVATION DIVISION WICHITA, KS west fresh water 100 feet. mation: red well owner electric log KDWR over and Haul-Off Pits ONLY: If utilized in drilling/workover: Bentonite Drilling Mud sing pits to be utilized: 3 procedure: Pits allowed to evaporate until dry then backfill e closed within 365 days of spud date.
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: NA Number of producing wells on lease: NA Barrels of fluid produced daily: Does the slope from the tank battery allow all aflow into the pit? Yes No	NA feet	Depth to shallon Source of information measurement problems of material Number of work Abandonment problems of the best correct to the best	CONSERVATION DIVISION WICHITA, KS west fresh water 100 feet. mation: red well owner electric log KDWR over and Haul-Off Pits ONLY: If utilized in drilling/workover: Bentonite Drilling Mud sing pits to be utilized: 3 procedure: Pits allowed to evaporate until dry then backfill e closed within 365 days of spud date.
Distance to nearest water well within one-mile NA feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: NA Number of producing wells on lease: NA Barrels of fluid produced daily: NA Does the slope from the tank battery allow all aflow into the pit? Yes No I hereby certify that the above stater	NA feet	Depth to shallon Source of information measurement problems of material Number of work Abandonment problems of the best correct to the best	west fresh water 100 feet. mation: red well owner electric log KDWR over and Haul-Off Pits ONLY: If utilized in drilling/workover: Bentonite Drilling Mud sing pits to be utilized: 3 orocedure: Pits allowed to evaporate until dry then backfill electric log KDWR procedure: Bentonite Drilling Mud sing pits to be utilized: 3 orocedure: Pits allowed to evaporate until dry then backfill electric log KDWR procedure: Bentonite Drilling Mud sing pits to be utilized: 3 procedure: Pits allowed to evaporate until dry then backfill electric log KDWR description: Allowed



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

November 7, 2007

Brooke C Maxfield Osage Resources, LLC 62009 N Hwy 61 Hutchinson KS 67502

Re:

Drilling Pit Application

Osage Lease Well No. 111

23-33S-15W

Barber County, Kansas

Dear Ms. Maxfield:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, 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 the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again 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 (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: http://kcc.ks.gov/conservation/forms/

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 undersigned at the above address.

Sincerely,

Jonelle Rains, Supervisor

Søselle Raine

Department of Environmental Protection and Remediation

CC: '

Steve Durrant

File