

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

For KCC	Use:			
Effective	Date:			_
District #	±			_
SGA?	Yes	No		

SGA?

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

NOTICE OF INTENT TO DRILL

Expected Spud Date:		Spot Description:
month	day year	Sec Twp S. R T V
OPERATOR: License#		(0/0/0/0) feet from N / S Line of Section
Name:		feet from E / W Line of Sectio
Address 1:		Is SECTION: Regular Irregular?
Address 2:		(Note: Locate well on the Section Plat on reverse side)
City: State:		
Contact Person:		Lease Name: Well #:
Phone:		Field Name:
CONTRACTOR: License#		
Name:		Target Formation(s):
W # 5 *# . 15	T	Nearest Lease or unit boundary line (in footage):
Well Drilled For: Well Class:	Type Equipment:	Ground Surface Elevation:feet MS
Oil Enh Rec Infield	Mud Rotary	Water well within one-quarter mile:
Gas Storage Pool Ext.	Air Rotary	Public water supply well within one mile:
Disposal Wildcat	Cable	Depth to bottom of fresh water:
Seismic ;# of Holes Other		Depth to bottom of usable water:
Other:		Surface Pipe by Alternate: I II
If OWWO: old well information as follows:		Length of Surface Pipe Planned to be set:
Operator:		Projected Total Depth:
Well Name:		
Original Completion Date: Original Completion	Jinai 10tai Deptii	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Yes No	Well Farm Pond Other:
If Yes, true vertical depth:		DWR Permit #:
Bottom Hole Location:		- (Note: Apply for Permit with DWR)
KCC DKT #:		
		If Yes, proposed zone:
		FIDAVIT
	• .	lugging of this well will comply with K.S.A. 55 et. seq.
t is agreed that the following minimum require	ments will be met:	
 Notify the appropriate district office prio 		
2. A copy of the approved notice of intent to	•	0 0,
I he minimum amount of surface pipe as through all unconsolidated materials plu	•	t by circulating cement to the top; in all cases surface pipe shall be set
		strict office on plug length and placement is necessary <i>prior to plugging</i> ;
5. The appropriate district office will be not	•	, , , , , , , , , , , , , , , , , , , ,
6. If an ALTERNATE II COMPLETION, pro-	duction pipe shall be cement	ed from below any usable water to surface within 120 DAYS of spud date.
		133,891-C, which applies to the KCC District 3 area, alternate II cementing
must be completed within 30 days of the	spud date or the well shall b	e plugged. In all cases, NOTIFY district office prior to any cementing.
1 20 1 = 1 (2 1)		
ubmitted Electronically		
<u> </u>		Remember to:
For KCC Use ONLY		- File Certification of Compliance with the Kansas Surface Owner Notification
<u> </u>		- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
For KCC Use ONLY		 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill;
For KCC Use ONLY API # 15 Conductor pipe required	feet	 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date;
For KCC Use ONLY API # 15 Conductor pipe required Minimum surface pipe required	feet feet per ALT I II	 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 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;
For KCC Use ONLY API # 15 Conductor pipe required Minimum surface pipe required Approved by:	feet feet per ALT I II	 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 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;
For KCC Use ONLY API # 15 Conductor pipe required Minimum surface pipe required Approved by: This authorization expires:	feetfeet per ALTIII	 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 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;
API # 15 Conductor pipe required Minimum surface pipe required Approved by:	feetfeet per ALTIII	 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 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 (within 60 days);

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

Spud date: _

Side Two



For KCC Use ONLY	
API # 15	

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

perator:						_ LO	cation of vv	eii: Coui	nty:				
ease:						_			fe	eet from	N /	S Line	of Section
ell Number:									fe	eet from	E /	W Line	of Section
eld:					_ Se	Sec Twp S. R 🔲 E 🔲 W							
umber of Acres attr						IS V	Section:	Regu	ılar or	Irregular			
	C					If S	Section is ction corne	_		ell from nea		ner boun W	dary.
				d electrica You m	l lines, as	required b		as Surfa		predicted loc Notice Act (H			
								- 230	 5 ft.—	Tank Ba	cation attery Lo Location	on	
										Electric - Lease F			
	<u>:</u> :	:	3	0	: :	<u>:</u> :			EXAMPL	E		,	
	:		:	•••••	:		:						
	:		:	•••••	:	:				Ŷ 			1980' FSL
	: :		:	•••••	: :	: : :							
	:	:	:		:	:	:		SEWARD CO.	3390' FEL			

 ${\it NOTE: In all \ cases \ locate \ the \ spot \ of \ the \ proposed \ drilling \ locaton.}$

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 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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

215310

Form CDP-1 May 2010 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: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) Is the pit located in a Sensitive Ground Water A Is the bottom below ground level? Yes No	Pit is: Proposed Existing If Existing, date constructed: Pit capacity: (bbls) Area? Yes No Artificial Liner? Yes No		SecTwpR East West West Feet from North / South Line of Section Feet from East / West Line of Section County Chloride concentration: mg/l mg/l How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits			
Depth from the little of the l	m ground level to dee	Describe proce	dures for periodic maintenance and determining cluding any special monitoring.			
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of inforr	west fresh water feet. mation:			
feet Depth of water well	feet	measured	well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:				
Producing Formation:		Type of material utilized in drilling/workover:				
Number of producing wells on lease:		Number of working pits to be utilized:				
Barrels of fluid produced daily: Does the slope from the tank battery allow all splow into the pit? Yes No		Drill pits must b	procedure: be closed within 365 days of spud date.			
Submitted Electronically						
	КСС	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS			
Date Received: Permit Numl	oer:	Permi	t Date: Lease Inspection: Yes No			



Kansas Corporation Commission Oil & Gas Conservation Division

1215310

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1	(Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)			
OPERATOR: License #	Well Location:			
Name:	SecTwpS. R East _ West			
Address 1:	County:			
Address 2:	Lease Name: Well #:			
City:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of			
Contact Person:	the lease below:			
Phone: () Fax: ()				
Email Address:				
Surface Owner Information:				
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the			
Address 1:				
Address 2:	county, and in the real estate property tax records of the county treasurer.			
City: State: Zip:+				
the KCC with a plat showing the predicted locations of lease roads, tan are preliminary non-binding estimates. The locations may be entered of Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be I CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, a I have not provided this information to the surface owner(s). I a KCC will be required to send this information to the surface or	acknowledge that, because I have not provided this information, the wner(s). To mitigate the additional cost of the KCC performing this is of the surface owner by filling out the top section of this form and			
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-	g fee with this form. If the fee is not received with this form, the KSONA-1-1 will be returned.			
Submitted Electronically				
[

For KCC Use ONLY	
API # 15	-

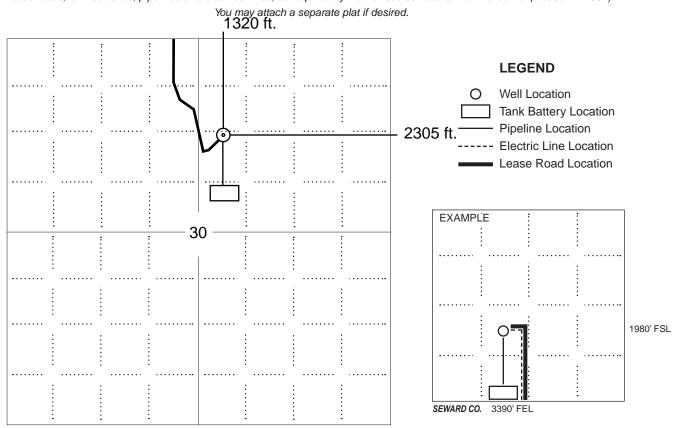
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R
Number of Acres attributable to well:	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. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).



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

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

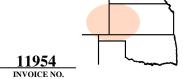
- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest 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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



Oil Field & Construction Site Staking

P.O. Box 2324 Garden City, Kansas 67846

Office/Fax: (620) 276-6159 Cell: (620) 272-1499 burt@pro-stakellc.kscoxmail.com



303329bar PLAT NO.

O'Brien Energy Resources, LLC

OPERATOR

Vail #8-30

LEASE NAME

Meade County, KS

. KS

30 33s 29w Sec. Twp. Rng. 1320' FNL - 2305' FEL

LOCATION SPOT

GR. ELEVATIO

GR. ELEVATION: <u>2666.8</u>

SCALE: 1" = 1000'

DATE STAKED: July 2nd, 2014

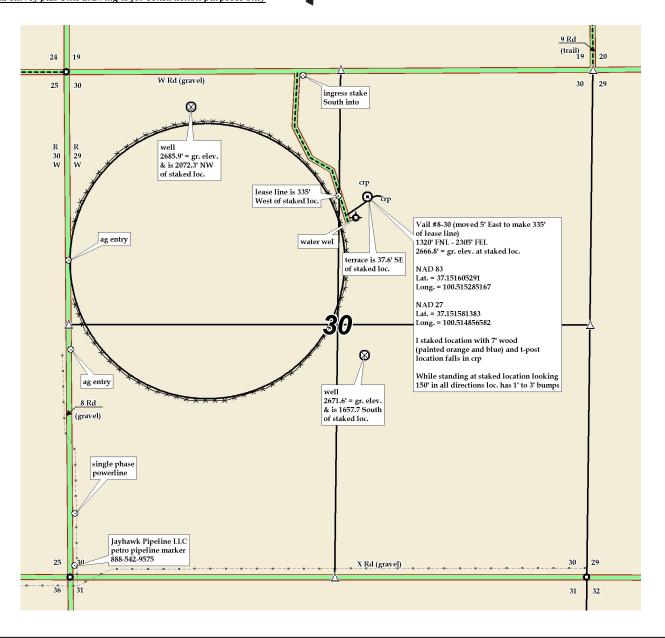
MEASURED BY: Ben R.

DRAWN BY: Norby S.

AUTHORIZED BY: Paul W.

This drawing does not constitute a monumented survey or a land survey plat This drawing is for construction purposes only

Directions: From approx. 1.0 mile NE of Plains, Ks at the intersection of Hwy 54 & Hwy 160 West – Now go 0.8 mile SW on Hwy 54 – Now go 6.4 miles South on 5 Rd – Now go 3 miles East on V Rd/ Meade Lake Rd – Now go 1 mile South on 8 Rd to the NW corner of section 30-33s-29w – Now go 0.4 mile East on W Rd. to ingress stake South into – Now go 0.3 mile South on trail – Now go 335' East through crp, into staked location.

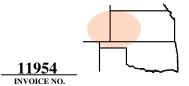




Oil Field & Construction Site Staking

P.O. Box 2324 Garden City, Kansas 67846 Office/Fax: (620) 276-6159

Cell: (620) 272-1499 burt@pro-stakellc.kscoxmail.com



O'Brien Energy Resources, LLC

Vail #8-30

LEASE NAME

Meade County, KS **30** 29w 33s COUNTY GR. ELEVATION: <u>2666.8</u>° Sec. Twp.

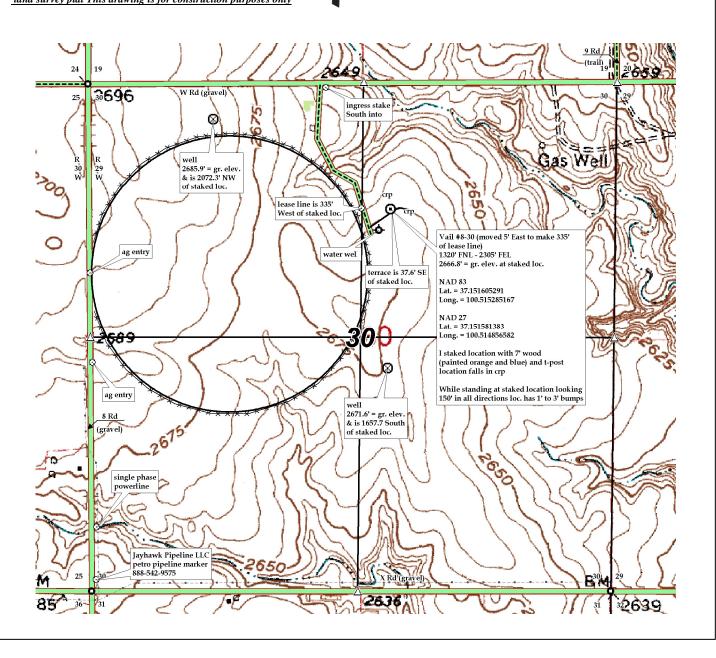
303329bar

1320' FNL - 2305' FEL LOCATION SPOT

1" = 1000' SCALE: _ July 2nd, 2014 DATE STAKED: Ben R. MEASURED BY: DRAWN BY: Norby S.

AUTHORIZED BY: Paul W.

This drawing does not constitute a monumented survey or a land survey plat This drawing is for construction purposes only **Directions:** From approx. 1.0 mile NE of Plains, Ks at the intersection of Hwy 54 & Hwy 160 West - Now go 0.8 mile SW on Hwy 54 – Now go 6.4 miles South on 5 Rd – Now go 3 miles East on V Rd/ Meade Lake Rd – Now go 1 mile South on 8 Rd to the NW corner of section 30-33s-29w - Now go 0.4 mile East on W Rd. to ingress stake South into – Now go 0.3 mile South on trail – Now go 335' East through crp, into staked location.





Oil Field & Construction Site Staking

P.O. Box 2324 Garden City, Kansas 67846 Office/Fax: (620) 276-6159 Cell: (620) 272-1499 burt@pro-stakellc.kscoxmail.com



303329bar

O'Brien Energy Resources, LLC

Vail #8-30

LEASE NAME

Meade County, KS COUNTY

30 33s Twp. 1320' FNL - 2305' FEL

LOCATION SPOT

1" = 1000'

SCALE: __ July 2nd, 2014 DATE STAKED:_

Ben R. MEASURED BY: Norby S. DRAWN BY: _

AUTHORIZED BY: Paul W.

This drawing does not constitute a monumented survey or a land survey plat This drawing is for construction purposes only

GR. ELEVATION: <u>2666.8</u> **Directions:** From approx. 1.0 mile NE of Plains, Ks at the intersection of Hwy 54 & Hwy 160 West - Now go 0.8 mile SW on Hwy 54 – Now go 6.4 miles South on 5 Rd – Now go 3 miles East on V Rd/ Meade Lake Rd – Now go 1 mile South on 8 Rd to the NW corner of section 30-33s-29w - Now go 0.4 mile East on W Rd. to ingress stake South into – Now go 0.3 mile South on trail – Now go 335' East through crp, into staked location.

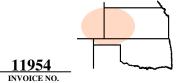




Oil Field & Construction Site Staking

P.O. Box 2324 Garden City, Kansas 67846 Office/Fax: (620) 276-6159

Cell: (620) 272-1499 burt@pro-stakellc.kscoxmail.com



303329bar

Vail #8-30

LEASE NAME

Meade County, KS COUNTY

O'Brien Energy Resources, LLC

30 29w 33s Sec. Twp.

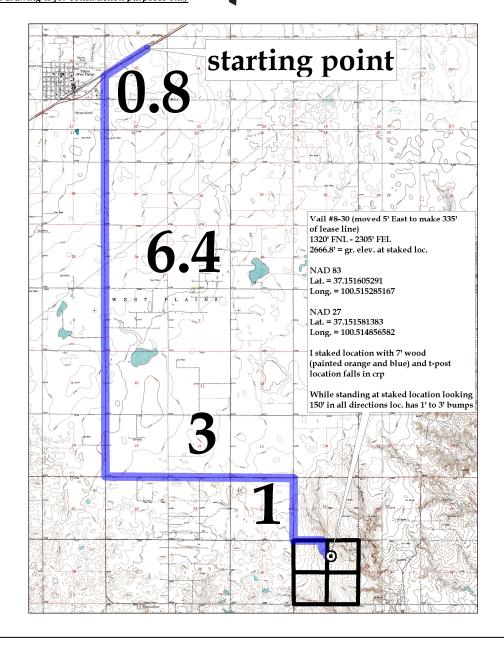
1320' FNL - 2305' FEL

LOCATION SPOT

N/A SCALE: _ July 2nd, 2014 DATE STAKED:_ Ben R. MEASURED BY: DRAWN BY: _ Norby S. AUTHORIZED BY: Paul W.

This drawing does not constitute a monumented survey or a land survey plat This drawing is for construction purposes only

GR. ELEVATION: <u>2666.8</u>° **Directions:** From approx. 1.0 mile NE of Plains, Ks at the intersection of Hwy 54 & Hwy 160 West - Now go 0.8 mile SW on Hwy 54 – Now go 6.4 miles South on 5 Rd – Now go 3 miles East on V Rd/ Meade Lake Rd – Now go 1 mile South on 8 Rd to the NW corner of section 30-33s-29w - Now go 0.4 mile East on W Rd. to ingress stake South into – Now go 0.3 mile South on trail – Now go 335' East through crp, into staked location.



Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

October 03, 2014

Joseph Forma O'Brien Energy Resources Corp. 18 CONGRESS ST, STE 207 PORTSMOUTH, NH 03801-4091

Re: Drilling Pit Application Vail 8-30 NE/4 Sec.30-33S-29W Meade County, Kansas

Dear Joseph Forma:

District staff has inspected the above referenced location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the reserve pit be lined with bentonite or native clay, 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 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 2008), Exploration and Production Waste Transfer, through KOLAR 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 (620) 225-8888.