

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

Kansas Corporation Commission Oil & Gas Conservation Division

1080968

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
OPERATOR: License#	feet from N / S Line of Sectio
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:	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
	Nearest Lease or unit boundary line (in footage):
Well Drilled For: Well Class: Type Equipment:	Ground Surface Elevation:feet MSI
Oil Enh Rec Infield Mud Rotary	
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile: Yes No
Disposal Wildcat Cable	Public water supply well within one mile: Yes No
Seismic ;# of HolesOther	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OWWO: old well information as follows:	Surface Pipe by Alternate: I II
	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore? Yes No If 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? Yes No
	If Yes, proposed zone:
AFI	IDAVIT
	prince of this well will possess with K.C.A. EE at one
The undersigned hereby affirms that the drilling, completion and eventual plu	gging of this well will comply with K.S.A. 55 et. seq.
The undersigned hereby affirms that the drilling, completion and eventual plut is agreed that the following minimum requirements will be met:	gging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1	drilling rig; by circulating cement to the top; in all cases surface pipe <i>shall be set</i> e underlying formation. rict office on plug length and placement is necessary <i>prior to plugging;</i> ed or production casing is cemented in; d from below any usable water to surface within <i>120 DAYS</i> of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing
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It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically For KCC Use ONLY API # 15	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: - 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;

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

Spud date: _

Well will not be drilled or Permit Expired	Date:
please check the box below and return to the add	Iress below.
ii well will not be drilled of permit has expired (ee	c. authorized expiration date)

Signature of Operator or Agent:

Side Two



For KCC Use ONLY	
API # 15	

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

perator: _							_ Lo	cation of We	l: County:		
ease:									feet from I	N / S Line	of Section
/ell Number:			- —	feet from E / W Line of Section							
ield:							_ Se	c	Twp S. R	L_ E L_	W
	nber of Acres attributable to well:			is section. Regular of Integular							
							Se		egular, locate well from neare used: NE NW SE		dary.
					d electrica	the neare	required b		ry line. Show the predicted loca Surface Owner Notice Act (Ho d.		
			: :	:		:	:		LEGEN	D	
			· · · · · · · · · · · · · · · · · · ·	:		:	:		O Well Loca		
			:	: 1	1	:	•			•	
				: 	•••••	:	:		Pipeline I	•	
			· · · ·	:		:	:		Pipeline I	Location Line Location	
			· · · ·	:	·······	:	:		Pipeline I	Location Line Location	
			· · · ·		·······	:	:		Pipeline I Electric L Lease Ro	Location Line Location	
			· · · ·		·······	:	:		Pipeline I Electric L Lease Ro	Location Line Location	1980' FSL
			· · · ·		·······	:	:		Pipeline I Electric L Lease Ro	Location Line Location	1980' FSL

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).

260 ft.

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



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

080968

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)	Pit is: Proposed Existing If Existing, date constructed: Pit capacity: (bbls)		SecTwp R East WestFeet from North / South Line of SectionFeet from East / West Line of Section County
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level?	Artificial Liner?	No	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
If the pit is lined give a brief description of the li material, thickness and installation procedure.	om ground level to dee	Describe proce	dures for periodic maintenance and determining any special monitoring.
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	west fresh water feet. mation:
feet Depth of water well	feet	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 s flow into the pit? Yes No Submitted Electronically		Type of materia Number of work Abandonment p Drill pits must b	over and Haul-Off Pits ONLY: all utilized in drilling/workover: king pits to be utilized: procedure: de closed within 365 days of spud date.
	KCC	OFFICE USE O	NLY
Date Received: Permit Num	ber:		Liner Steel Pit RFAC RFAS t Date: Lease Inspection: Yes No



Kansas Corporation Commission Oil & Gas Conservation Division

1080968

Form KSONA-1
July 2010
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 (CB-1)	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East
Address 1:	County:
Address 2:	Lease Name: Well #:
City: State: Zip:+	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
Address 1:	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 2:	county, and in the real estate property tax records of the county treasurer.
City:	
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and k batteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
☐ I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s).	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this
task, I acknowledge that I am being charged a \$30.00 handling 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-	fee with this form. If the fee is not received with this form, the KSONA-1
Submitted Electronically	

Robin 36-34-8 1 SWD, fresh water pit on location: Pit dimensions: 300' x 125'. 8' deep. Capacity - 110,000 bbls.

For KCC Use ONLY	
API # 15	_

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

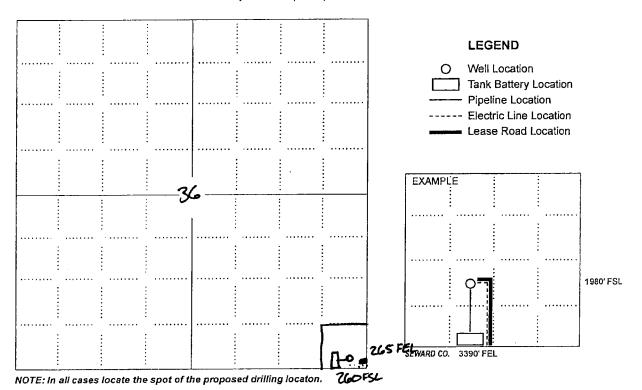
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Chesapeake Operating, Inc.	Location of Well: County: He-per
Lease: Kobin 36-34-8 SWD	feet from N / S Line of Section
Well Number:	765 feet from E / W Line of Section Sec. 36 Twp. 34 S. R. S. E X W
Field:	Sec. 36 Twp. 34 S. R. 8 E X W
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).

You may attach a separate plat if desired.



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.

TOPOGRAPHIC LAND SURVEYORS

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. LS-99, Exp. Dec. 31, 2011 HARPER County, Kansas 260'FSL-265'FEL Section _ 36 _ Township <u>34S</u> Range <u>8W</u>P.M. X 2103189 Y 140035 X 2108509 Y 140068 HARDLINE 140052 X 2108558 Y 137440 Surface Hole 301'dce Hole 260'FSL-265'FEL NAD-83 (US Feet) 37'02'13.4" N 98'07'45.2" W 37.037045495 N 98.129210203 W X 1420569 Y 1447414 330' HARDLINE 2644 T355-R8W 2108608 134812 Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLD (General Land Office) distances and have NOI been measured on the ground. 1000 2000 **ELEVATION:** Well No.: 1 SWD 1298' Gr. at Stake Reference Stakes or Alternate Location Yes Stakes Set None From East

Operator: CHESAPEAKE OPERATING, INC. Lease Name: ROBIN 36-34-8 Topography & Vegetation Loc. fell in terraced wheat field Good Drill Site? _____ Best Accessibility to Location ____ Distance & Direction From the Jct. of Anthony, Ks., go 6 miles West, then 8 miles from Hwy Jct or Town . South, then 1 mile East to the SE Cor. of Sec. 36-T34S-R8W

DATUM: <u>NAD-27</u> LAT: <u>37*02'13.3"N</u> LONG: 98'07'43.9"W LAT: 37.037020613 LONG: 98.128867412 STATE PLANE

1969

GRID Scale: 1"= 1000'

> COORDINATES: (US Feet) ZONE: KANSAS SOUTH

X: 2108338 Y: 135070 **CERTIFICATE:**

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Date of Drawing: __

Invoice # 183521 Date Staked: May. 7, 2012

1213 Kansas Lic. No.



May 7, 2012



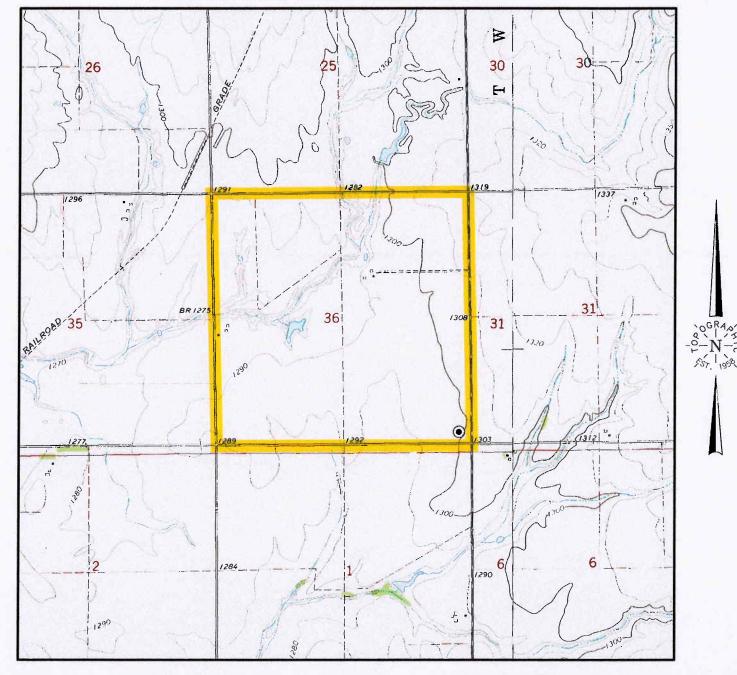
TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-99, Exp. Dec. 31, 2011 HARPER County, Kansas 260'FSL-265'FEL Section 36 Township 34S __ Range <u>8W</u> P.M. X 2103189 X 2108509 Y 140068 140035 2660'-330' HARDLINE X 2105849 Y 140052 HARDLINE 330, -N-5 557 1959 X 2108558 Y 137440 36 2103254 137406 GRID HARDLII Scale: 1"= 1000' 2369 Surface Hole 260'FSL-265'FEL NAD-83 (US Feet) 37'02'13.4" N 98'07'45.2" W 37.037045495 N 98.129210203 W X 1420569 Y 1447414 X 2105963 330' HARDLINE 2380' 260 -2644 T355-R8W X 2108608 Y 134812 2644 Y 134777 Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground. 1000 2000 Operator: CHESAPEAKE OPERATING, INC. **ELEVATION:** Lease Name: ROBIN 36-34-8 Well No.: 1 SWD 1298' Gr. at Stake Topography & Vegetation Loc. fell in terraced wheat field Reference Stakes or Alternate Location Good Drill Site? Yes Stakes Set None Best Accessibility to Location From East Distance & Direction From the Jct. of Anthony, Ks., go 6 miles West, then 8 miles from Hwy Jct or Town South, then 1 mile East to the SE Cor. of Sec. 36-T34S-R8W May 7, 2012 Date of Drawing: _ LC DATUM: NAD-27 Invoice # 183521 Date Staked: May. 7, 2012 LAT: 37°02'13.3"N LONG: 98"07'43.9"W **CERTIFICATE:** LAT: 37.037020613 T. Wayne Fisch ___ a Kansas Licensed Land LONG: 98.128867412 Surveyor and an authorized agent of Topographic Land STATE PLANE Surveyors, do hereby certify that the above described COORDINATES: (US Feet) well location was surveyed and staked on the ground ZONE: KANSAS SOUTH as shown herein. X: 2108338 Y: 135070 1213

Kansas Lic. No.

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry 6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



34S Rng. Sec. 36 _Twp.___ 8W KS County____ HARPER ____State___ CHESAPEAKE OPERATING, INC. Operator_ Description 260'FSL-265'FEL ROBIN 36-34-8 1 SWD Lease_ Elevation_ 1298' Gr. at Stake

WALDRON, KS

U.S.G.S. Topographic

Quadrangle Map

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

Contour Interval 10'

This location has been very carefully staked on the ground according to the best official survey records, maps and photographs available to us, but its accuracy is not guaranteed. When elevation is shown hereon it is the ground elevation of the location stake.

Review this plat and inform us immediately of any possible discrepancy.

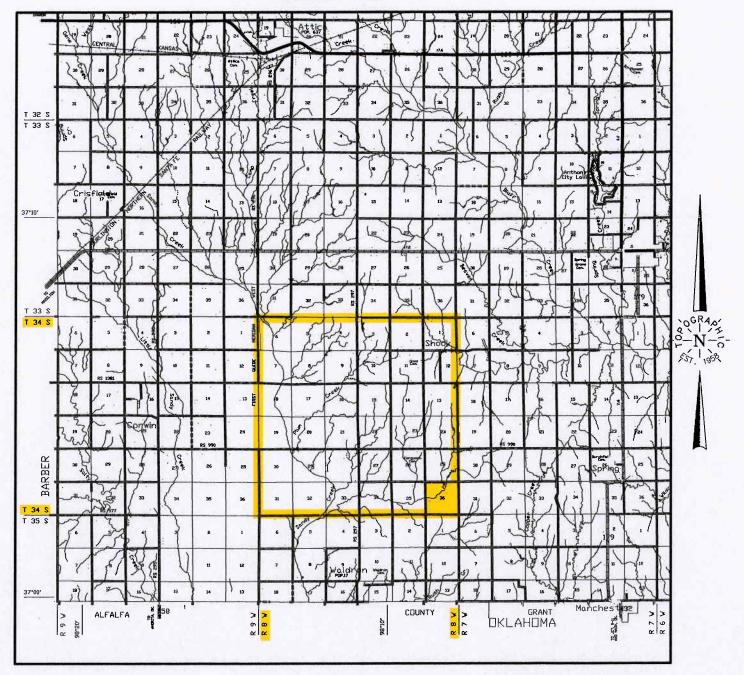


LAND SURVEYORS

TOPOGRAPHIC LAND SURVEYORS

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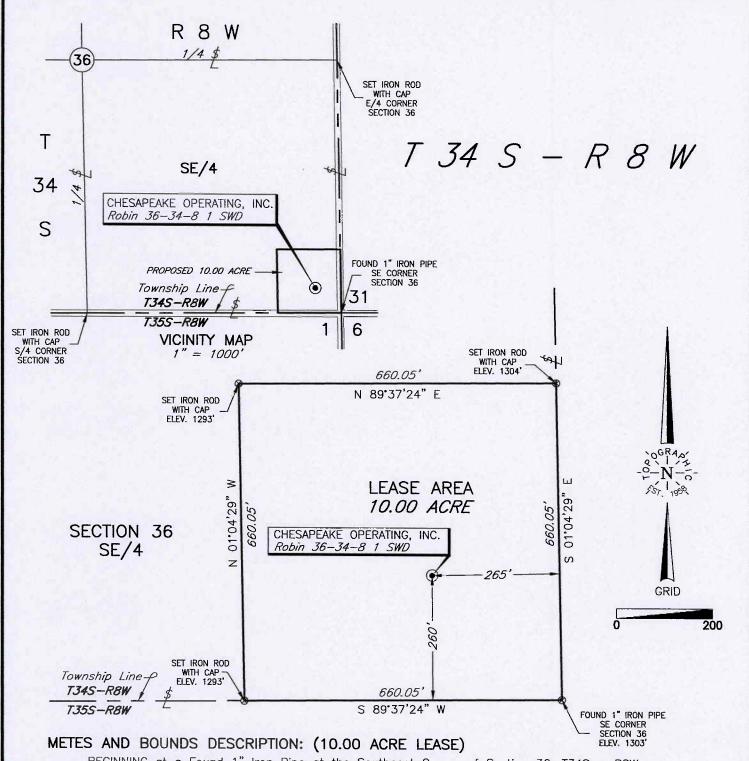
VICINITY MAP



Scale: 1" = 3 Miles

Sec36	Twp3	4SRng	8W
County	HARPER	State	KS
Operator	CHESAPEAKE	OPERATING.	INC.





BEGINNING at a Found 1" Iron Pipe at the Southeast Corner of Section 36, T34S - R8W,

Harper County, Kansas;
THENCE along the South line of said Section 36, S 89°37′24" W, a distance of 660.05' feet to a Set Iron Rod with Cap;

THENCE parallel with the East line of said Section 36, N 01°04'29" W, a distance of 660.05 feet to a Set Iron Rod with Cap;

THENCE parallel with the South line of said Section 36, N 89°37'24" E, a distance of 660.05 feet to a Set Iron Rod with Cap;

THENCE along the East line of said Section 36, S 01°04'29" E, a distance of 660.05 feet to the POINT OF BEGINNING.

Said area contains 10.00 acres of land as surveyed.

PLAT SHOWING

PROPOSED 10.00 ACRE LEASE IN THE SE/4 OF SECTION 36, T34S - R8W, HARPER COUNTY, KANSAS

MAYNE

ANSA

SURVEYOR'S CERTIFICATE:

l, T. Wayne Fisch, Kansas Registered Land Surveyor No. 1213, do hereby certify that this plat represents the results of a survey made on the ground.

			SURVE THE MANAGEMENT OF THE PROPERTY OF THE PR
		This plat was prepared exclusively for	SCALE: 1' = 200'
		CHESAPEAKE OPERATING, INC.	DATE: 05-07-12
NO. REVISION	DATE BY	and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors	FILE: P2790B.DWG
SURVEY BY: DJ	05-07-12		DRAWING NUMBER:
DRAWN BY:	JP	TOPOGRAPHIC LAND SURVEYORS	103085-P2-790-B
APPROVED BY:	TWF	- 6709 N. Classen, Okla. City, OK. 73116 (405) 843-4847 Certificate of Authorization No. 15-99. Exp. December 31, 2012	SHEET 1 OF 1

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.