EFFECTIVE DATE:	3-25-07
NISTRICT #	

EFFECTIVE DATE:	State of Ka	nsas	FORM MUST BE SIGNED	
DISTRICT #	CATHODIC PROTECTION	BOREHOLE INTENT	ALL BLANKS MUST BE FILLED IN	
SGA?Yes.X.No	Must be approved by the K.C.C. sixty			
Expected Spud (Starting) D	ote 04-01-07	Spot (Location) 9/9/9 SE SW Sec	16 IND 16S s, Rg 33W — East XX West	
OFERRIOR: LICENSE W 11111	2894 month day year	775 fee	et from East / West line of Section	
Name: Kinder Morg	gan, Inc. Country Club Drive Dy. KS. 67701	IS SECTION XX REGULA (Spot well on the Se	rom nearest outside corner boundarys) UR IRREGULAR? ection Plat on Reverse Side)	
Contact Person: Mark				
	5 - Cell - 785-443-1252	V 1663	Cathodic Site	
		GroundSurfaceElevation	n: 3060 MsL. L Depth 300 ft.	
	54	Depth to Bedrock		
Name: Woofter Pump	And Well	Aquifer Penetration:	None .XX Single Multiple sh water: .180	
Type Drilling Equipment:	Mud Rotary Cable	Depth to bottom of usat	ole water: 1250 /690	
CONSTRUCTION FE	•		Il within one mile: yes XX. no	
	e (Non-Metallic) Casing 20	Water Source for Drill		
	if any?): ft.	Water Well Location: In Sec. 21-16	orm pond stream XX other	
Size of the borehole (I.D.):	DVR Permit #:		
Cathodic surface casing si	ze:	Standard Dimension Rat	io (SDR) is = 26 or Less	
Cathodic surface casing ce	ntralizers set at depths of:;		sg.in inches / MWI in inches = SDR)	
Cathodic surface casing w	ill terminate at:	with: Concret		
	face Vault XX Below Surface Vault	Neat ce	7	
·	l be used: Yes No at Depthft.	Anode vent pipe will b	pe set at:	
Anode installation depths 250, 240, 230, 2	are: 290 280 270 260 220 210 200 190 180 1	70 Anode conductor (backf	ill) material TYPE: Carbo 60 Cok	e Breeze
160 150 140	130 120 110 100	Donah en Bess of Bookfi	ll installation material:	
Remainder Of Bor With Bentonite (re Hole To Be Filled Thins AFFIDA	Maria Maria Da	HelT0 = 300	
The undersigned hereby affi	rms that the drilling, completion and out the following minimum requirements:	eventual plugging of this we	ell will comply with K.S.A. 55-101,	
1. Notify the appropri	ate district office prior to spudding	of and again before pluggi	ng well:	
 A copy of the approx The minimum amount 	oved notice of intent to drill shall be of cathodic surface casing as specific	e posted on each drilling r ed below shall be set by or	ig; outing to the ton	
 ine appropriate dis 	en the operator and the district office strict office will be notified before a Y DISTRICT OFFICE PRIOR TO ANY CEMENT	well is either plugged or c	necessary prior to plugging; asing is grouted in;	
I hereby certify that the s	tatements made herein are true and to ignature of Operator or Agent	the best of my knowledge a	nd belief. Title	:
• •				
	FOR KCC USE: 71-20654- API # 15- Conductor pipe requiredNon Minimum cathodic surface casing	4000	RECEIVED	
	Approved by: 124 3-50-01	-20-07	FEB 2 8 2007	16-1
	(This authorization void if dried of months of effective date.)	lling not started within	KCC WICHITA	16-16-33
	Spud date: Age	ent:	····O WICHIA	w

REMEMBER TO:

File Drill Pit Application (form CDP-1) with Intent to Install;
- File Completion Form CB-2 within 30 days of spud date;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CB-4) within 30 days after plugging is completed.

FEB 2 3 2007

RECEIVED

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202-1286.

KCC WICHITA

IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW

Show the relationship to other wells or facilities proposed to be serviced by the intented cathodic borehole. Please show all the wells, existing cathodic boreholes, pipelines or facilities within 1/2 mile of the proposed borehole.

API NO. 15-/7

OPERATOR KINDER HOSSIN, THE.	LOCATION OF WELL: COUNTY Sort
LEASE K-1663	56' feet from south/north line of section
WELL NUMBER	775' feet from east west line of section
FACILITY NAME K +1663 CATRODIC SIG	SECTION 16 TWP 165 RG 33 W
SPOT: QTR/QTR/QTR OF ACREAGE	IS SECTION X REGULAR Or IRREGULAR
<u>54 - 5w </u>	IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.
	Section corner used: NE NW SE X SW
	PLAT
	intented cathodic borehole.)
(Show footage from nearest lease	, unit or outside section boundary line.)
	GPS OF DEEPHOLE LOCATION :
	G/S or populate because .
	· · · · · · · · · · · · · · · · · · ·
	$\omega - 100 58,710$
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90ELM : : :	******
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	EXAMPLE
16	EXAMPLE
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	33901
	• • • • • • • • • • • • • • • • • •
[
775'	RECEIVED
Scorr Co., LS.	SEWARD CO. FEB 2 8 2007
JCOTT CO, LS.	• •

- 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; and
- 3) the distance to the nearest lease, unit or outside section boundary line.

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

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KCC WICHITA

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

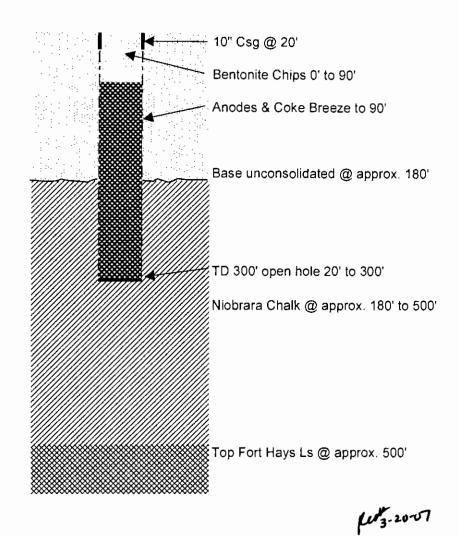
Operator Name: Kinder Morgan,	Inc.		License Number: 32894	
Operator Address: 145 North Country Club Drive - Colby, KS. 67701				
Contact Person: Mark Bredemeier		Phone Number: (785 462-6815 CELL - 785-443-1252		
Lease Name & Well No.: K-1663 Cathodic Site - Well #1		Pit Location (QQQQ):		
Type of Pit:	Pit is:		SE . SW . <u>Sω</u>	
Emergency Pit Burn Pit	XX Proposed	Existing	Sec. 16 Twp. 16S R. 33W East West	
Settling Pit XX Drilling Pit	If Existing, date constructed:		50 Feet from North /XX South Line of Section	
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:			
Is the pit located in a Sensitive Ground Water	Area? Yes	_· No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
is the bottom below ground level? XX Yes \(\text{No} \) No	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?	
Pit dimensions (all but working pits):	10 Length (fe	eet) 10	Width (feet) N/A: Steel Pits	
	om ground level to de		0	
If the pit is lined give a brief description of the material, thickness and installation procedure			dures for periodic maintenance and determining ncluding any special monitoring.	
Distance to nearest water well within one-mile In Sec. 21-16S-33W 500 586 Depth of water well		Source of infor	west fresh water	
Emergency, Settling and Burn Pits ONLY:			over and Haul-Off Pits ONLY:	
Producing Formation:		Type of material utilized in drilling/workover: Bentonite Mud		
Number of producing wells on lease:	/=-	Number of working pits to be utilized:1		
Barrels of fluid produced daily:		Abandonment procedure: <u>Let Drilling Pit Dry Out</u> And Cover		
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes XX No		Drill pits must be closed within 365 days of spud date.		
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.				
Date Mak Bulemeii - German Johnson Signature of Applicant or Agent				
KCC OFFICE USE ONLY				
Date Received: 2/28/67 Permit Number: Permit Date: 2/28/07 Lease Inspection: Yes X No				
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202				

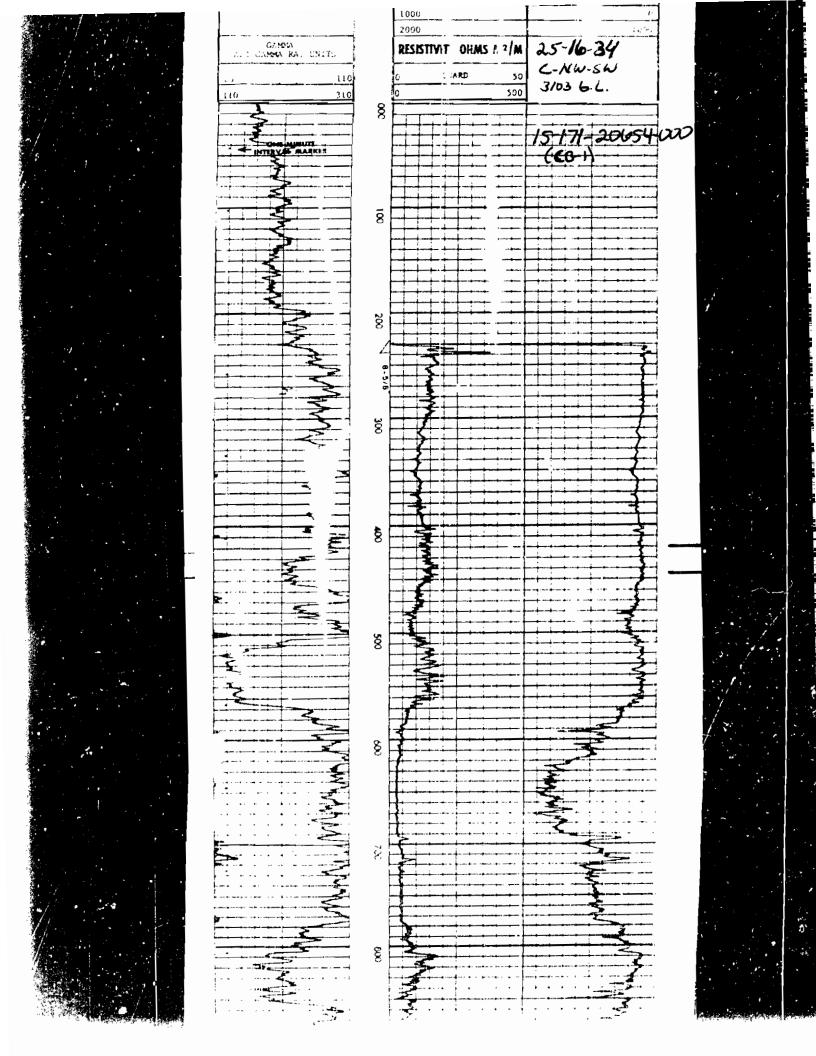
FEB 2 8 2007

FEB 2 3 2007

KCC WICHITA

16-T16S-R33W Scott County





wwc5 well viewer Page 1 of 1



State of Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Kansas Geographic Information Systems Policy Board, Data Access and Support Center, and the Information Systems Policy Board, Data Access and Systems Policy Board, Data Access and Systems Policy Board, Data Access and Data Access and

WWC5 Well viewer

15-171-20654-0000

Section Any Township Range Range Range Direction Overview Map Remove monitoring/engineering wells Color wells based on 6 Estimated yield C Well Depth C Static water level Choose Labelling on zoom-in C Owner Name Well Depth/Estimated yield C Static water Zoom Level: 1.5 💆 @ Zoom In C Zoom Out C Pan C Identify **Show Entire State** 0 Legend Single well Multiple wells Yield (in gpm) 5.00 and 5.00 between 5.00 and 10.00 unknown Yæld Township Boundary 5-T168-R33 PLSS County Boundary 822-T165-R33

Well T16S, R33W, Sec. 21, NWNWNW, Action: Constructed

Location Info County: Scott Location: T16S, R33W, Sec. 21, NWNWNW Owner: UNRUH Status: Constructed Directions: 11 MI N 2 1/4 E OF SCOTT CITY Longitude: -100.97973 Latitude: 38.65522 General Info Well Depth: 194 ft. Elevation: ft. Static Water Level: 166 ft. Well Use: Domestic Est. Yield: 0 gpm. Other ID: **Driller Info** Driller: Everett Miller Gearhead & Pump Repair License #: 514 Comp. Date: 25-Oct-1989 DWR Applic. #: Chemical Sample Submitted?: N Casing Info Casing Type: PVC Diam: 5 in. to 174 ft. Diam: 0 in. to 0 ft. Diam: 0 in. to 0 ft. **Grout Info** Grout used: BENTONITE From: 0 to 20 ft. From: 0 to 0 ft. From: 0 to 0 ft. Contamination Info Contamination type: OTHER Direction: Distance: 0 Screen and Perforation Info Screen Type: TORCH CUT Screen Openings: MILL SLOT From: 174 ft. to 194 ft. From: 0 ft. to 0 ft. From: 0 ft. to 0 ft. From: 0 ft. to 0 ft. Lithologic Log From: 0 ft. to 3 ft. Type: CLAY From: 3 ft. to 30 ft. Type: SANDY CLAY Type: CALICHE From: 30 ft. to 48 ft.

Type: SANDY CLAY

Type: SANDY CLAY

Type: CLAY

Type: CLAY

Type: SHALE

Type: SAND & GRAVEL

Type: SAND & GRAVEL

From: 48 ft. to 120 ft.

From: 120 ft. to 137 ft.

From: 137 ft. to 146 ft.

From: 146 ft. to 170 ft.

From: 170 ft. to 181 ft. From: 181 ft. to 191 ft.

From: 191 ft. to 195 ft.