For KCC Use:

Eff	e	ct	iv	е	Date
— ·					

District	#	

SGA?	Yes	No

Form

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

March 2010 Form must be Typed Form must be Signed All blanks must be Filled

Form C-1

1095533

NOTICE OF INTENT TO DRILL

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

Expected Spud Date:	Spot Description:
month day year OPERATOR: License#	(0/0/0/0)
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Note: Locate well on the Section Plat on reverse side) County: Lease Name:Well #:
Phone:	Field Name:
CONTRACTOR: License# Name:	Is this a Prorated / Spaced Field? Yes Yes No Target Formation(s):
Well Drilled For: Well Class: Type Equipment: Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Seismic ; # of Holes Other Other:	Nearest Lease or unit boundary line (in footage):
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(Note: Apply for Permit with DWR)
KCC DKT #:	Will Cores be taken?
	If Yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging 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 *prior* to spudding of well;
- 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
- 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
- 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
- 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
- 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #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 be plugged. In all cases, NOTIFY district office prior to any cementing.

Submitted Electronically

For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required	feet per ALT.
Approved by:	
This authorization expires:	
Spud date: Agent:	

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;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.
 - Well will not be drilled or Permit Expired Date: _ Signature of Operator or Agent:

	[
_	

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



For KCC Use ONLY

API # 15 - ____

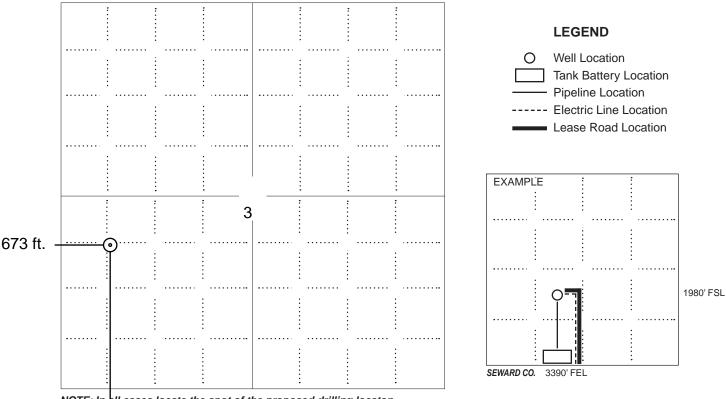
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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 E 📃 W
Number of Acres attributable to well: QTR/QTR/QTR/QTR of acreage:	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.



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

1966 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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Side Two



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1095533

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:			License Number:	
Operator Address:			1	
Contact Person:			Phone Number:	
Lease Name & Well No.:			Pit Location (QQQQ):	
Type of Pit:	Pit is:		· · · · ·	
Emergency Pit Burn Pit	Proposed	Existing	SecTwpR East West	
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section	
Workover Pit Haul-Off Pit			Feet from East / West Line of Section	
(If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	County	
Is the pit located in a Sensitive Ground Water A	Area? 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	
Depth fro	om ground level to dee	epest point:	(feet) No Pit	
Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water feet. Source of information: Source of information:				
feet Depth of water wellfeet		measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	over 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:		
		Abandonment p	procedure:	
Does the slope from the tank battery allow all spilled fluids to flow into the pit?		Drill pits must be closed within 365 days of spud date.		
Submitted Electronically				
KCC OFFICE USE ONLY				
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No	

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



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT Form KSONA-1 July 2010 Form Must Be Typed Form must be Signed All blanks must be Filled

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:	
Address 1:	County:
Address 2:	Lease Name: Well #:
City: Zip: Contact Person:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of 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: State: Zip:+	

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- □ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

Submitted Electronically

I

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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.

Operator: Mai Oil Operations, Inc.	Location of Well: County: Hodgeman
Lease: Dechant	
Well Number: 3	673 feet from E / 🔀 W Line of Section
Field:	1,966 feet from N X S Line of Section 673 feet from E X W Line of Section Sec. 3 Twp. 22 S. R. 24 E E 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. 673'FWL LEGEND 🤉 Well Location \cap Tank Battery Location **Pipeline Location** ----- Electric Line Location Lease Road Location EXAMPLE 1966 FSL 1980' FSL SEWARD CO. 3390' FEL

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: (CU-7 for oil wells; CG-8 for gas wells).

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

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

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

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.

STATE OF KANSAS STATE CORPORATION COMMISSION

Give All Information Completely

Make Required Affidavit

Mail or Deliver Report to **Conservation Division** State Corporation Comm. 245 North Water Wichita, KS 6720**2**

County. Sec. 3 Twp. 22S Rge. 24W XXX Hodgeman Location as "NE/CNW}SW}" or footage from lines C - NW_SW Lease Owner Twin Western Resources, Inc. Well No. Lease Name <u>Bobbi</u> Office Address <u>920 Union Cntr., Wichita, Kansas</u> Character of Well (Completed as Oil, Gas or Dry Hole) <u>Kansas 67202</u> Dry Hole Date Well completed <u>May 28,</u> 19<u>78</u> Application for plugging filed Verbal Application 19 ับ 9 Application for plugging approved Verbal Approval 19<u>78</u> Plugging commenced <u>May 28</u> 19<u>78</u> Plugging completed <u>May</u> 28 Reason for abandoument of well or producing formation If a producing well is abandoned, date of last production 19

Locate well correctly on Section Plat

Was permission obtained from the Conservation Division or . its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Clarence Thomas Total Depth of Well 4,740 Depth to top Bottom Producing formation Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS		<u> </u>			ſ	CASING RECORD
FORMATION	CONTENT	FROM	то	SIZE	.PUT IN	. PULLED OUT
				8-5/8"	6041	None
			 /		_	
	······		 '			
<u></u>				<u> </u>		·
			'	<u> </u>	<u>L</u>	

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

Filled hole with heavy rotary mud from 4,740 ft. (rotary total depth) to 1,000 ft. Set plug at 1,000 ft. and cemented with 50 sacks cement. Filled hole with heavy rotary mud from 1,000 ft, to 600 ft. Set plug at 600 ft. and cemented with 35 sacks cement. Filled hole with heavy rotary mud from 600 ft. to 40 ft. Set solid plug at 40 ft. and cemented to cellar with 10 sacks cement, 5 sacks cement in rat hole.

Plugging operations accomplished utilizing Allied Oil Well cementing pump truck through 41 inch drill pipe.

(If additional description is necessary, use BACK of this sheet) JUNO Name of Plugging Contractor <u>Allied Cementing Co., I</u> <u>Box 31, Russell, Kansas 67665</u> Inc.

COUNTY OF _____Sedgwick STATE OF SS. Kansas Agent Dean Britting, of the 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 as filed and that the same are true and correct. So help me GodoTARY (Signature) Allan Tttna Wichita, (Address) 200 N. Main. 67202 <u>Kansas</u> SUBSCRIBED AND SWORN TO before me this 2nd day of , 1978 June 50 William · · · / . . Notary Public. Elsie Willison -My commission expires ____ <u>June 30, 1978</u>

15-083-20586- FORM CP-4

WELL PLUGGING RECORD

KANSAS DRILLERS LOG

COMPANY TWIN WESTER	rn Resources, Inc.	sec. 3 Lac. (3	- 222 - 24a - NN 6a
FARM DUUUA	NO. •		
ROTARY TOTAL DEPTH 4,740 COMM. May 16, 1978 CONTRACTOR H-30, Inc. Issued June 3, 1978	COMP. May 23, 1973	COUNTY	Nodgeman
CASING			
5 1/2"	ted w/300 sxs cement	ELEVATION	2,467 к.в.
4 1/2"	FIGURES INDICATE BOTTOM OF FORMATION	• 5	
Shale Shale and Shells Shale Sand Shale and Sand Shale			610' 1,106' 1,170' 1,305' 1,650' 1,650'
Anhydrite Shale and Lime Lime and Shale Shale and Lime Lime and Shale Chale and Lime	ST. R.F. I. M. I. I. P. M. I.		1,729' 2,530' 2,651' 2,621' 3,243' 3,496'
Lime and Shale Lime Rotary Total Depth	λι .		4,398 · · · · · · · · · · · · · · · · · · ·
Hotell toper permit			
I hereby certify	the above and foregoing	to be	
a true and correc	t log of the above desc	ribed	
well as shown by	the drilling reports.		
	H-30, Inc.		
	Dean Britting	etting_	
State of Kansas } County of Sedgwick }		0	
Subscribed and Sw	orn to before me a Nota	ry Fublic	
	ounty and state this 2n		
June, 1978.			
WILLISO			
OTARI	Elsie Willied	n- Notary	Fublic
My Commission Expires:	1		
June 30, 1978			