

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

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

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

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date: month day year

OPERATOR: License#
Name:
Address 1:
Address 2:
City: State: Zip:
Contact Person:
Phone:

CONTRACTOR: License#
Name:

Well Drilled For: Well Class: Type Equipment:
Oil Gas Enh Rec Storage Disposal Seismic; # of Holes Other
Infield Pool Ext. Wildcat Other
Mud Rotary Air Rotary Cable
If OWWO: old well information as follows:

Operator:
Well Name:
Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? Yes No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

Spot Description:
- - - Sec. Twp. S. R. E W
feet from N / S Line of Section
feet from E / W Line of Section
Is SECTION: Regular Irregular?
(Note: Locate well on the Section Plat on reverse side)

County:
Lease Name: Well #:
Field Name:
Is this a Prorated / Spaced Field? Yes No
Target Formation(s):
Nearest Lease or unit boundary line (in footage):
Ground Surface Elevation: feet MSL
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No
Depth to bottom of fresh water:
Depth to bottom of usable water:
Surface Pipe by Alternate: I II
Length of Surface Pipe Planned to be set:
Length of Conductor Pipe (if any):
Projected Total Depth:
Formation at Total Depth:
Water Source for Drilling Operations: Well Farm Pond Other:
DWR Permit #: (Note: Apply for Permit with DWR)
Will Cores be taken? Yes No
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. I II
Approved by:
This authorization expires:
(This authorization void if drilling not started within 12 months of approval date.)
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:

E
W

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: _____
 Lease: _____
 Well Number: _____
 Field: _____
 Number of Acres attributable to well: _____
 QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

Location of Well: County: _____
 _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section
 Sec. _____ Twp. _____ S. R. _____ E W

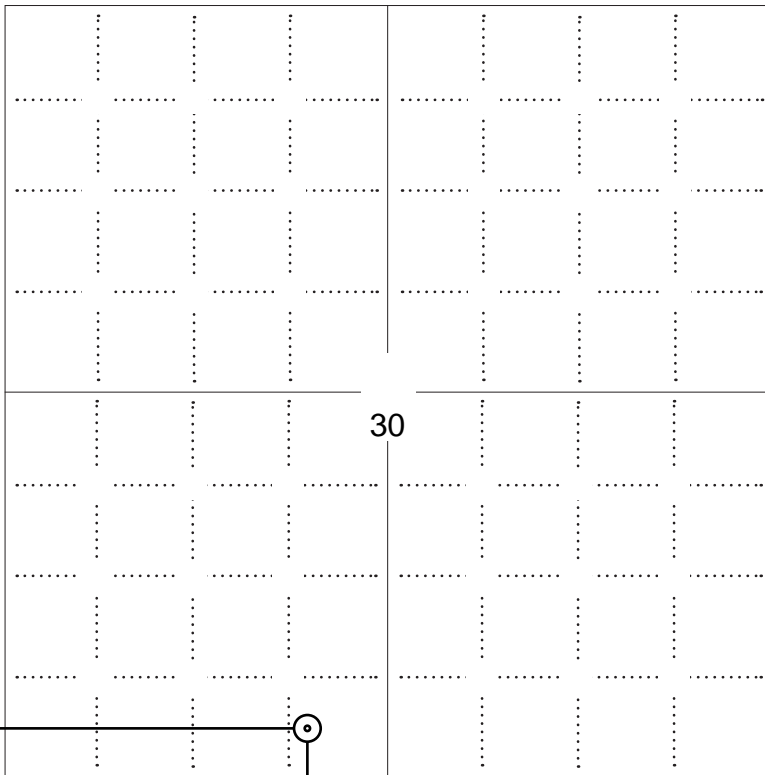
Is Section: Regular or Irregular

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.

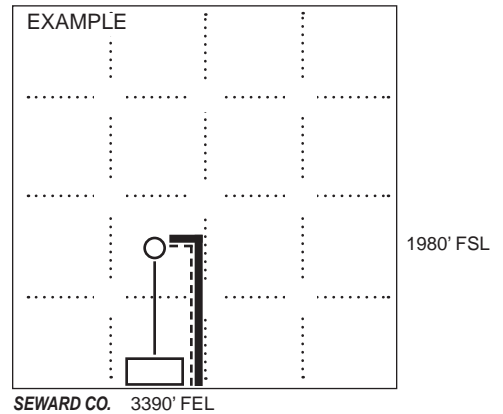
339 ft.

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.

LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
May 2010
Form must be Typed

Submit in Duplicate

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____-_____-_____-_____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used? _____			
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> 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 spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

KCC OFFICE USE ONLY			
Date Received: _____		Permit Number: _____	
Permit Date: _____		Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Liner		<input type="checkbox"/> Steel Pit	
<input type="checkbox"/> RFAC		<input type="checkbox"/> RFAS	

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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 # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____
If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

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 county, and in the real estate property tax records of the county treasurer.

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 must provide the name and address of the surface owner by filling out the top section of this form and 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.

I Submitted Electronically

WOOLSEY OPERATING COMPANY, LLC
 HOSTETLER LEASE
 SW.1/4, SECTION 30, T31S, R7W
 HARPER COUNTY, KANSAS

GRAVEL (NW. 120 RD.) ROAD

Notes:

1. Set iron rod at old well site.
2. All flagging Red & Yellow.
3. Overhead power available at E. line, E. 1/2 of N. line and E. 1/2 of S. line, Sec. 30.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION; Various pipelines in Sec. 30.
6. Found old well per magnetic response.
7. Contact landowner for best access.

ROAD (NW. 50 AVE.)
 GRAVEL (NW. 50 AVE.)

ROAD (NW. 40 AVE.)
 GRAVEL (NW. 40 AVE.)

30

Old Well Location
 Hostetler #1H DWWO
 339' FSL 2078' FWL
 Ground Elevation = 1497

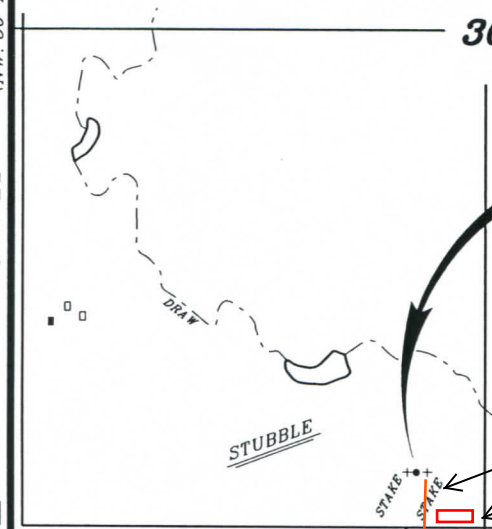
Y = 235348 X = 2109811

State Plane-NAD 27-Kansas South

Latitude 37.312411

Longitude -98.122431

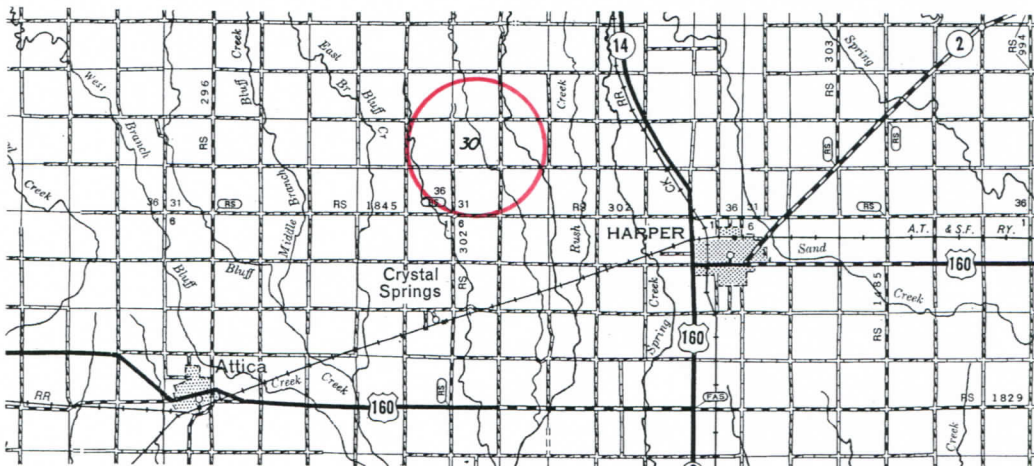
(NAD 27)



Lease road and lead lines

Tank battery

GRAVEL (NW. 110 RD.) ROAD
 FLAGGED ROAD
 OPPOSITE LOC.



*Ingress and egress to location as shown on this plat is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.

* Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.
 * Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plot and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.
 * Elevations derived from National Geodetic Vertical Datum.

Date November 15, 2018

RR
87
WW

T31S, R7W, 6th P.M.

SGOMI

1/2" Rebar
NAD 27 Kansas South
N: 240392.95
E: 2112799.20

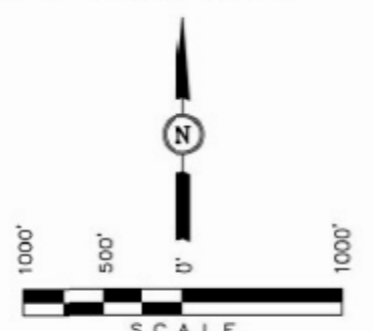
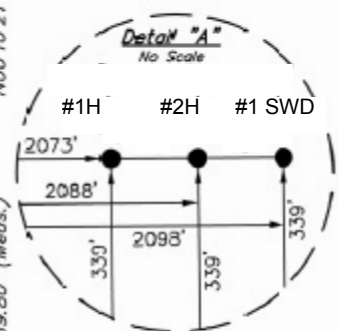
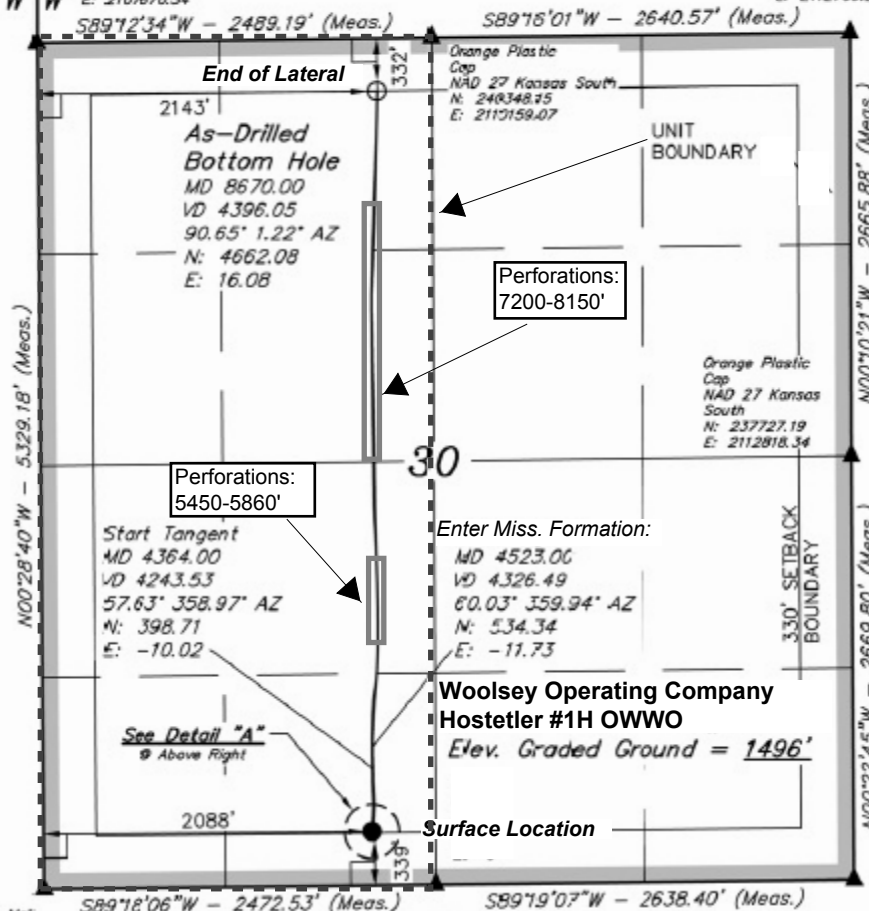
Well location, HOSTETLER #1H OWWO located as shown in the SE 1/4 SW 1/4 of Section 30, T31S, R7W, 6th P.M., Harper County, Kansas.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE Q.L.A.D. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A C.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Justin K. Hines
REGISTERED LAND SURVEYOR
REGISTRATION # 14154
STATE OF KANSAS
#14154-12

5/8" Rebar
NAD 27 Kansas South
N: 235017.60
E: 2112847.13

NAD
NAD 27 Kansas
South
N: 2345.74.77
E: 2107736.98

NAD
NAD 27 Kansas South
N: 235015.22
E: 2110209.13

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84073
(435) 789-1017

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (#30-1H AS DRILLED BOTTOM HOLE) LATITUDE = 37°19'33.84" (37.325233) LONGITUDE = 98°27'21.67" (98.455886)	NAD 83 (#30-1H SURFACE LOCATION) LATITUDE = 37°18'44.75" (37.312431) LONGITUDE = 98°07'21.87" (98.122742)
NAD 27 (#30-1H AS DRILLED BOTTOM HOLE) LATITUDE = 37°19'33.77" (37.325214) LONGITUDE = 98°27'20.44" (98.455844)	NAD 27 (#30-1H SURFACE LOCATION) LATITUDE = 37°18'44.67" (37.312408) LONGITUDE = 98°07'20.64" (98.122400)
STATE PLANE NAD 27 N: 240009.65 E: 2109817.17	STATE PLANE NAD 27 N: 135347.63 E: 2109820.51

SCALE 1" = 1000'	DATE SURVEYED: 04-27-12	DATE DRAWN: 09-24-12
PARTY L.S. K.H. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SGOMI	

DECLARATION OF UNITIZATION

WITNESSETH THAT:

WHEREAS, the undersigned are the owners of the interests in the oil and gas leases more particularly described on Exhibit "A", which is attached hereto and made a part hereof; and,

WHEREAS, under the terms of the oil and gas leases described on Exhibit "A" attached hereto and made a part hereof, lessee is granted the right and power to voluntarily form a unit with respect to the acreage covered by these leases and/or to pool or combine into one or more units the land covered by these leases, or any portion thereof, with other land covered by another lease, or leases when, in Lessee's judgment, it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of such minerals in and under said land, such pooling to be in a unit or units not exceeding 640 acres each in the event of a horizontal oil and/or gas and condensate or distillate well or a combination well that produces both oil or gas, plus a tolerance of ten percent (10%) to conform to Governmental Survey quarter sections; and,

WHEREAS, the undersigned desires to exercise the unitization rights granted to them under the herein described leases;

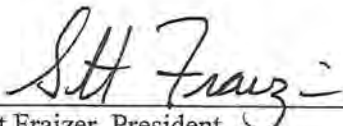
NOW, THEREFORE, the undersigned, present owners of the interest in the herein described leases, pursuant to the provisions thereof, do hereby unitize, pool, combine, designate and describe, as follows:

Hostetler #1H Unit:
Township 31 South, Range 7 West, Harper County, KS
Section 30: W/2

covering an area of 320.00 acres, more or less, as a consolidated oil and/or gas leasehold estate, known as the Hostetler #1H Unit well, for the purpose of exploration, development and production of oil and/or gas by a horizontal well, in accordance with the terms, provisions and conditions of said leases, described in Exhibit "A" attached hereto and made a part hereof, thereto (the "Unit").

The effective date of this Declaration is March 5, 2019.

WOOLSEY ENERGY CORPORATION

By: 
Scott Fraizer, President

ACKNOWLEDGMENTS

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

The foregoing instrument was acknowledged before me this 5th day of March, 2019, by Scott Fraizer, President of WOOLSEY ENERGY CORPORATION, a Kansas corporation, on behalf of said corporation.

My appointment expires:
October 26, 2022

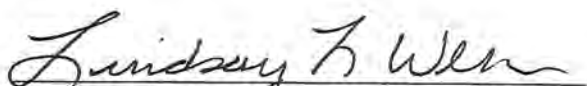

Lindsay L. Weber, Notary Public

EXHIBIT "A"

Attached to and made a part of that certain Declaration of Unitization by Woolsey Energy Corporation, effective March 5th, 2019.

Oil and Gas Leases:

Lease Number: K-6409
Lease Date: August 22, 2018
Lessor: H5 Minerals LLC, A KS LLC
Lessee: HD Land Services, LLC
Term: Three (3) Years
Recording Data: Book G96, Page 1211
Description: Township 31 South, Range 7 West
Section 30: Lot 3 (34.89), Lot 4 (34.96), and the East Half of the Southwest Quarter (E/2SW/4), a/d/a the Southwest Quarter (SW/4), less and except a tract described as follows: Beginning at the Northwest corner of the Southwest Quarter (SW/4); thence Southerly along the West line of said Southwest Quarter a distance of 1750 feet to a point; thence Easterly parallel to the North line of said Southwest Quarter a distance of 760 feet to a point; thence Northerly parallel to the West line of said Southwest Quarter a distance of 1750 feet to a point on the North line of said Southwest Quarter; thence Westerly along said North line a distance of 760 feet to the point of beginning, containing 30.5 acres, more or less.
Harper County, KS

Lease Number: K-6410
Lease Date: August 22, 2018
Lessor: The Alma L. Hostetler Trust dated 11/9/77, Alma L. Hostetler and Monte Clark Hostetler, Trustees
Lessee: HD Land Services, LLC
Term: Three (3) Years
Recording Data: Book G96, Page 1210
Description: Township 31 South, Range 7 West
Section 30: A tract of land in the Southwest Quarter (SW/4) described as follows: Beginning at the Northwest corner of the Southwest Quarter (SW/4); thence Southerly along the West line of said Southwest Quarter a distance of 1750 feet to a point; thence Easterly parallel to the North line of said Southwest Quarter a distance of 760 feet to a point; thence Northerly parallel to the West line of said Southwest Quarter a distance of 1750 feet to a point on the North line of said Southwest Quarter; thence Westerly along said North line a distance of 760 feet to the point of beginning, containing 30.5 acres, more or less.
Harper County, KS

Lease Number: K-6409
Lease Date: October 29, 2018
Lessor: H5 Minerals LLC, A KS LLC
Lessee: HD Land Services, LLC
Term: Three (3) Years
Recording Data: Book G96, Page 1264
Description: Township 31 South, Range 7 West
Section 30: Lot 1 (34.74), Lot 2 (34.81), and the East Half of the Northwest Quarter (E/2NW/4), a/d/a the Northwest Quarter (NW/4)
Harper County, KS

End of Exhibit "A"



Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION 1150923
OIL & GAS CONSERVATION DIVISION

Form CP-4
March 2009

Type or Print on this Form
Form must be Signed
All blanks must be Filled

WELL PLUGGING RECORD
K.A.R. 82-3-117

OPERATOR: License #: _____
 Name: _____
 Address 1: _____
 Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Contact Person: _____
 Phone: (_____) _____
 Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
 Is ACO-1 filed? Yes No If not, is well log attached? Yes No
 Producing Formation(s): List All (If needed attach another sheet)
 _____ Depth to Top: _____ Bottom: _____ T.D. _____
 _____ Depth to Top: _____ Bottom: _____ T.D. _____
 _____ Depth to Top: _____ Bottom: _____ T.D. _____

API No. 15 - _____
 Spot Description: _____
 _____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West
 _____ Feet from North / South Line of Section
 _____ Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: _____
 Lease Name: _____ Well #: _____
 Date Well Completed: _____
 The plugging proposal was approved on: _____ (Date)
 by: _____ (KCC District Agent's Name)
 Plugging Commenced: _____
 Plugging Completed: _____

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out

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

Plugging Contractor License #: _____ Name: _____
 Address 1: _____ Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Phone: (_____) _____
 Name of Party Responsible for Plugging Fees: _____
 State of _____ County, _____, ss.
 _____ Employee of Operator or Operator on above-described well,
 (Print Name)

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 is as filed, and the same are true and correct, so help me God.

Submitted Electronically

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

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E&P INC	DATE 23-MAY-13	F.R. # 1001989560	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME HOSTETLER 3107 #30-1H - API 15077217750000	LOCATION 30-31S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Plug & Abandon

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	provided by customer						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES					
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY
fresh water			8.34				5
Lower Plug H +.25% R-3		82	16.4	1.06	4.35		15 8.21
fresh water			8.34				20
fresh water			8.34				2
Upper Plug H Neat		27	16.4	1.06	4.35		5 2.74
Available Mix Water <u>300</u> Bbl.		Available Displ. Fluid <u>275</u> Bbl.		TOTAL			<u>47</u> 10.96

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
			6.366	7	23	CSG	4480	4396				
			4	4.5	11.6	CSG	8670	4396				

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
											2.875	8RD		

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER
20	BBLS	fresh water	8.34					500			Frac tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 730 on 5-23-2013,

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES <u>2200 PSI</u>	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
07:30						Arrive on location	
08:00						Held Safety meeting	
08:15						Wetzher delay	
10:43	2200				WATER	testm pumps & lines	
10:45	271		2.5		WATER	open well/start water spacer	
10:48	263		2.5	5	WATER	end water spacer ahead	
10:56	90		2		SLURRY	start slurry @ 16.4ppg	
11:02	72		2	15	SLURRY	end slurry	
11:05	0		2		WATER	start displacement	
11:12	300		2	20	WATER	catch pressure shutdown	
11:13	0					open bleed offs/sucking	
						Calculated top of Cement 4219	
						Bottom of cement 4802	
15:23	1509					pressure test	
15:27	0		2		WATR	open well/start water spacer	
15:29	0		2	2	WATER	end water spacer	
15:30	0		1		SLURRY	start slurry @16.4ppg	
15:33	0		2	5	SLURRY	end slurry shutdown	

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 2200 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
15:38						get off well	
15:40						wash pumps and lines	
						Calculated fill of 127'	
						Thanks for Using BHI Pressure Pumping	
						Jonathan Schulz & Crew	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	47	0	Y <input checked="" type="checkbox"/> N	



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

Phone: 316-337-6200
Fax: 346-337-6211
<http://kcc.ks.gov/>

Dwight D. Keen, Chair
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Laura Kelly, Governor

March 08, 2019

DEAN PATTISSON
Woolsey Operating Company, LLC
125 N MARKET STE 1000
WICHITA, KS 67202-1729

Re: Drilling Pit Application
HOSTETLER 1 H OWWO
SW/4 Sec.30-31S-07W
Harper County, Kansas

Dear DEAN PATTISSON:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, 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 within 72 hours 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 (316) 337-7400 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 (316) 337-7400.