Water Well Question

Will the water well mentioned above be plugged by you after the Permit expires? (please circle) Yes or (No)								
If you circled No, please explain.								
WATER WELL TRANSFERRED	TO LANDOWNER							
Please sign this form and return to:	KDHE - Bureau of Water Geology Section 1000 SW Jackson St, Ste 420 Topeka, KS 66612-1367							
Your telephone number would be a	appreciated in case we need to contact you.							
Signature: Marker R. R.	muse J.							
Name Printed: LHARLES R.	•							
Telephone No. 785 - 434 - 74	134							
RH:db								
Temp								
c/DWR letters/Merge Letter - Exp Temp - DB 2012								

H & C OIL OPERATING INC Application Number 20110343 00 SW SE NW of SECT 28, T6S, R23W, Graham County, Kansas

H & C OIL OPERATING, INC. P.O. Box 86 Plainville, KS 67663 785-434-7434 Phone/785-688-4200 Fax

Water Well

i, bette Hen, hereby an	nei uns date <u>, Ap</u>	[11 10, 4V14	<u>z</u> Or	
after H & C Oil Operating, Inc	. moves off (well	name) Tie	en 28-3	
Sec. 28 T. 6S R. 23W. County	<u>Graham</u>	State	Kansas	takes all and
full responsibilities of water w	ell drilled on leas	se.		
Drilled for the purpose above said lease.	of supplying H &	& C Oil Op	erating, Inc. w	vith water to dril
	Signed: _	Bett	e l'e	m
	Be	tte Tien, Lar	nd Owner	
		Chi	arlex R.F	Zamse
	Signed: _			
	T T	f & C Oil Or	erating Repres	entative /

WATER			Form WWC-5					20110343
1 LOCAT Gral		WATER WELL:	Fraction W2 ¼ SW ¼ SE ¼		ection No	umber	Township Nur	mber Range Number R 23 □E ⊠W
		Well Location: if unk	nown, distance & direction	Glo	bal Pos	itioning	System (GPS)	information:
			's address, check here \square .	L	atitude:		, 0, 000 (02 0)	(in decimal degrees)
			0 th Ave—1 ½ north—1/	2 west L	anviitude anoitude	·		(in decimal degrees) (in decimal degrees)
	in city to	t ita TTOSE to Mo	0 11 to 1 /2 Horth 1/	F	levation			(iii doeimai dogroos)
2 WATER	WELL	OWNER Bette T	ien				4, □ NAD 83,	TINAD 27
	Address,		100 Rd		ollection N		T, LITAD 05,	L 11111 27
		de Prairie	View KS 67664				Model	,
City, State, ZIP Code Prairie View, KS 67664				Digital	Mon/Dho	to D Topographic	Map, ☐ Land Survey	
				''	it Accura	wiap/i iio	m, □ 3-5 m, □ 5-	15 m \square >15 m
3 LOCAT	יו יויכונאנא יכוני			LX:	st. Accurac	<u>υγ. ι <</u> 3	III, L. 3-3 III, L. 3.	-13 III, LL 213 III
i	E WELL				• • •			
	N "X" IN		COMPLETED WELL		205		ft.	
SECTIO	ON BOX:	Depth(s) Ground	lwater Encountered (1)		ft.	(2)	ft.	(3) ft.
	Ν	WELL'S STAT	C WATER LEVEL	ft. h	elow lan	d surface	e measured on mo	/day/yr
	T							pumping gpm
i	i							
	TINE	ESI. HELD.	gpm; weil water	was	II.	aner	nours	pumping gpm
w X		E WELL WATER	TO BE USED AS: \square P	ublic water s	upply L	☐ Geothe	ermal 📙	Injection well
**	1 !	Domestic [Feedlot x Oil field wa	ater supply] Dewate	ering \square	Other (Specify below)
Lsw-	+- sE	Irrigation E	Industrial Domestic-	lawn & gard	en 🗆	J Monito	. 11	
	1 1		bacteriological sample sub					
<u> </u>	لــــنــــــل							
	S		day/yr sample was submitto					
1 n	nile	Water Well Disi	nfected? 🗵 Yes 🗆 N	No				
5 TYPE OI	F CASING	USED: ☐ Stee	I ▼ PVC □ Other	r			A STATE OF THE STA	
CASING IO		Glued D Clam	ned	☐ Threaded				in. to ft.
Casing dia	meter	4.5 in to 1	65 ft Diameter	in	to.	ft	Diameter	in to ft
Casing that	aht ahawa l	and customs	19 in Weight	2 20) /ft XV	oll thiokness or as	248
Casing neighbor	gni above i	DEDECD ATION M	ATEDIAL	4.30)S./11. VV	an unexhess of ga	iuge 110
	REEN OR	PERFORATION M.	ATERIAL;		o 'c'			
☐ Steel		☐ Stainless Steel	⊠ PVC	Other (Specify)			
☐ Brass		☐ Galvanized Steel		ole)				
SCREEN OR	R PERFORA	ATION OPENINGS	ARE:		_			
☐ Conti	inuous Slot	☐ Mill slot	☐ Gauze wrapped 1	Torch cut	닏	Drilled	holes \square Non	ft. to ft.
☐ Louv	ered shutte	r ⊔ Key punched	☐ Wire wrapped I	ĭ Saw cut		Other (s	specity)	
SCREEN-PE	ERFORATE	D INTERVALS:	From 165	ft. to	205	ft., Fi	rom	ft. toft.
			From	ft. to		ft., F1	rom	ft. to
GRA	VEL PACK	INTERVALS:	From 20	ft. to	205	ft., F1	rom	ft. to ft.
			From	ft. to		ft., F1	rom	ft. to ft. ft. to ft. ft. to ft.
6 GROUT	MATERI	AL: Neat ceme	nt Cement grout	X Bento	nite [Other		ft. to ft.
Grout Interva	als Fr	om 0 ft to	20 ft From	ft to	11110 -	- Other ft	From	ft to ft.
What is the n	nearest sour	ce of possible contan	instion:			10,		
Septi	ic tople	Lateral li	nes	☐ Livestock	nanc	□ Incac	ticide storage	☐ Other (specify below)
□ Sewe		☐ Cesspool					idoned water well	
		r lines		Fuel Stora Fertilizer:			rell/gas well	None
	***	rimes 🗀 Seepage	pit 🗀 Feedyard					
Direction f	irom wen			Distance ii	om wen			
FROM	TO	LITHO	LOGIC LOG	FROM	TO	LITH	O. LOG (cont.) <u>or</u>	PLUGGING INTERVALS
0	2	Surface		75	113		& fine sand len	
2	15	Loess		113	140	Fine t	o med sand sar	nd & gravel
15	21	Fine sand & calic	he	140	142	Clay		
21	28	Clay		142	171		sand & gravel	
28				171	210		sand & gravel	
30	30	Lancha			410	TATCH		
	30	Caliche	as and atula					
	50	Clay caliche & fir	ne sand strks					
50	50 52	Clay caliche & fir Caliche hard					3	
50 52	50 52 68	Clay caliche & fir Caliche hard Sandstone & fine	sand lenses					
50 52 68	50 52 68 73	Clay caliche & fir Caliche hard Sandstone & fine Caliche fine sand	sand lenses					
50 52 68 73	50 52 68 73 75	Clay caliche & fir Caliche hard Sandstone & fine Caliche fine sand Fine sand	sand lenses lenses					
50 52 68 73 7 CONTR	50 52 68 73 75 ACTOR'	Clay caliche & fir Caliche hard Sandstone & fine Caliche fine sand Fine sand S OR LANDOWN	sand lenses lenses NER'S CERTIFICATION		ater well	was con	nstructed, reconst	ructed, or □ plugged
50 52 68 73 7 CONTR under my jur	50 52 68 73 75 ACTOR'	Clay caliche & fin Caliche hard Sandstone & fine Caliche fine sand Fine sand S OR LANDOWN and was completed on	sand lenses lenses NER'S CERTIFICATIO (mo/day/year) 8/1/11	ON: This w	and this	s record	istructed, reconst	of my knowledge and belief.
50 52 68 73 7 CONTR under my jur Kansas Wate	50 52 68 73 75 ACTOR'	Clay caliche & fir Caliche hard Sandstone & fine Caliche fine sand Fine sand S OR LANDOWN and was completed on tractor's License No	sand lenses lenses NER'S CERTIFICATIO (mo/day/year) 8/1/11 5554 This	ON: This w	and this Record wa	s record	nstructed, reconstrict true to the best on (mo/daw/	of my knowledge and belief.
50 52 68 73 7 CONTR under my jur Kansas Wate	50 52 68 73 75 ACTOR'	Clay caliche & fir Caliche hard Sandstone & fine Caliche fine sand Fine sand S OR LANDOWN and was completed on tractor's License No	sand lenses lenses NER'S CERTIFICATIO (mo/day/year) 8/1/11 5554 This	ON: This w	and this Record wa	s record	nstructed, reconstrict true to the best on (mo/daw/	of my knowledge and belief.
50 52 68 73 7 CONTR under my jur Kansas Wate under the bus	50 52 68 73 75 ACTOR' risdiction arer Well Corsiness name	Clay caliche & fine Caliche hard Sandstone & fine Caliche fine sand Fine sand S OR LANDOWN and was completed on attractor's License No e of Woofter Pun	sand lenses lenses VER'S CERTIFICATIO (mo/day/year) 8/1/11 . 554 . This up & Well Inc.	ON: This w Water Well I	and thin Record water (re)	s record as compl	istructed, reconstriction is true to the best of the day of the da	of my knowledge and belief.

Check: \square White Copy, \square Blue Copy, \square Pink Copy



Bureau of Water Geology Section 1000 SW Jackson St, Ste 420 Topeka, KS 66612-1367



COPY

Phone: 785-296-3565 Fax: 785-296-5509 rharper@kdheks.gov www.kdheks.gov/geo

Robert Moser, MD, Secretary

Department of Health & Environment

Sam Brownback, Governor

April 10, 2012

H & C OIL OPERATING INC PO BOX 86 PLAINVILLE, KS 67663

Re:

Appropriation of Water, Application Number 20110343 00

Dear Sir/Madam:

The Division of Water Resources, Kansas Department of Agriculture (DWR) has notified the Kansas Department of Health and Environment (KDHE) the above described Temporary Permit has been issued. The Temporary Permit originally authorized the use of groundwater to be withdrawn by means of the water supply well located as described below:

1 well located in the SW SE NW of SECT 28, T6S, R23W, Graham County, Kansas.

Temporary Permits are issued for a duration of 6 months by the DWR. After the Temporary Permit expires KDHE considers the water well abandoned and Kansas Administrative Regulation (K.A.R.) 28-30-7(a) requires abandoned water wells to be plugged or caused to be plugged by the landowner. Once a water well has been plugged, K.A.R. 28-30-4 requires a plugging report (Form WWC-5 or WWC-5 AP@) to be completed and returned to KDHE.

Please answer the following question concerning the water well. Sign on the signature line and return this letter to: KDHE, Attn: Geology Section, Bureau of Water, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367 within two weeks from the date of this letter. If this form is not returned within two weeks, this may result in a follow-up by KDHE to determine the status of the well. If you have questions or need assistance with the form please contact Richard Harper at (785) 296-3565 or by e-mail at rharper@kdheks.gov.

Sincerely,

Richard Harper, LG Water Well Unit Chief

Geology Section/Bureau of Water

Richard D. Harper

cc:

KDHE NWDO Graham 01

RECEIVED

MAY 0 2 2012

BUREAU OF WATER