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

## Kansas Corporation Commission Oil & Gas Conservation Division

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

Form CP-4 March 2008 Type or Print on this Form Form must be Signed All blanks must be Filled

OPERATOR: License #: 6112  Address 1: PO Box 131  Address 2: 2035 Virgil Road  Cly: Hamilton Store: KS. 2pr. 66853*-0431.  Coated Phrone: (-6,20) -678-3461  Type of Weet Protest cong X, 1011/981   Gas West   O0   D8A   Cuttodoc    Water Supply west	OPERATOR: License #:	6112	N.A.N.	02-3-117	l APINo 15	. 073 2		60·00	
Aspiress 1: PO Box 131 Address 2: 2035 Virgil Road  Cry: Hamilton					1				
Address 2. 2035 Virgil Road  City. Hamilton State: KS 2ip: 66.853*-0.131  City City Hamilton State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. Long  Phone: (6.20) 6.78 - 3461  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 66.853*-0.131  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: KS 2ip: 67.854  Type of West, Const. Person. State: Const.					1				
Contact Person.	Address 2: 2035 V	irgil Road							
New   Second   Seco									
Type of Welt': (Creek one) X Oil Welt   Gas		_			Footages 0	Calculated from I	Nearest Outsi	ide Section Corner:	
Water Supply Well   Cohen:									
Cast Storage Permit #:	Type of Well: (Check one) X	_iOilWell [] Gas Well	OG D&A Catho	dic	County:	Green	100d	· · · · · · · · · · · · · · · · · · ·	
Is ACO-1 (lied? Yes No If not, is well log attached? X yes No If not, is well log attached? X yes No If not, is well log attached? X yes No If not, is well log attached? X yes No If not, is well log attached? X yes No If not, is well log attached? X yes No If not, is well log attached? X yes No If not is Not	Water Supply Well	jOther:	SWD Permit #: E = 216	514_	Lease Nan	<sub>ne:</sub> Rickal	<u>saugh</u>	Well #: 6	
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 homeoner or other plugs were used, state the character of same depth placed from (pottom), to (top) for each plug is 2.3 and 1					Date Well (	Completed: De	<u> •c. 15</u>	, 1981 2 22 2012	
Plugging Commenced: 2-20-2012   Plugging Commenced: 2-20-2012   Plugging Commenced: 2-20-2012   Plugging Commenced: 2-20-2012   Plugging Commenced: 2-23-2012   Plugging Commenced: 2-23-201					The pluggin	ng proposal was Leffro	approved on	: <u>Z-Z3-ZU1Z</u>	(Da
Show depth and thickness of all water, oil and gas formations.  Oil. Gas or Water Records  Formation  Contont  Casing  Size  Setting Depth  Pulled Out  Describe in detail the manner in which the well is plugged, indicating where the mud fauld was placed and the method or methods used in introducing it into the hor cament or other plugs were used, state the character of same depth placed from (bottom), to (por) for each plug set.  TD 1989 'Perfs 1889-1945'. Set BP @ 1850' W/2 sks of cement on the top Ran in 2 3/8" tub w/pkr @ 450'. Set BP @ 1850' w/2 sks of cement on the top Ran in 2 3/8" tub w/pkr @ 450'. Set BP @ 680' cemented w 50 sks 60/40 pozmix cement w/4% Gel. to 882'. Solid plug inside & outside of 4½".  Set tub w/pkr to 150' filled to top of casing w/15 sks cement. Ran I' tub down annulus of 4½" to 150'. Mixed 55 sks 60/40 pozmix cement w/4% Gel, good cement to surface. Pulled 1' tub. Cement inside and outside.  Plugging Contractor License # 61.12	Cherokee_ Dept	h to Top: F	Botton 1683 TD	· <del></del>	by 11 KC	Herri	2-20-	(KCC District Agent	's Nan
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 homement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.  TD 1989' Perfs 1889-1945'. Set BP @ 1850' w/2 sks of cement on the top Ran in 2 3/8' tub w/pkr @ 450'. Set pki @ 680' cemented w 50 sks 60/44 pozmix cement w/4% Gel. to 882'. Solid plug inside & outside of 4½". Set tub w/pkr to 150' filled to top of casing w/15 sks cament. Ran 1" tub down annulus of 4½" to 150'. Mixed 55 sks 60/40 pozmix cement w/4% Gel, good cement to surface. Pulled 1' tub. Cement inside and outside.  Plugging Contractor License # 6112	Ardmore Dept	h to Top: E	3ottom: 1769 T.D.	<u> </u>	Plugging C	ommenced:	2 23	2012	
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Address 1: PO Box 131  City: Hamilton  State: Kansas  Zip: 66853-0131  Phone: (620) 678-3461  Name of Party Responsible for Plugging Fees: Long Drilling Co LLC  State of Kansas  County, Greenwood  Patricia Reed  (Print Name)  Desired the facts statements, and matters herein contained, and the log of the above-described well is as filed the same are true and correct, so help me God.	TD 1989' Per Ran in 2 3/pozmix ceme Set tub w/r 1" tub down cement w/4% and outside	erfs 1889-19 8 tub w/p) ent w/4% Gel okr to 150' a annulus of 6 Gel, good	945'. Set BP @ kr @ 450'. Set l. to 882'. So filled to top f 4½" to 150'. cement to sur	185 pkd lid of Mix face	0' w/2 @ 680 plug i casing ed 55 . Pull	sks of cemen nside & w/15 s sks 60/ ed 1' t	ted woutsi	50 sks 60/ide of 4½". nent. Ran zmix ement insid	40 e
City: Hamilton  State. Kansas  Zip: 66853-0131  Phone: (620) 678-3461  Name of Party Responsible for Plugging Fees: Long Drilling Co LLC  State of Kansas County, Greenwood seribed  Patricia Reed  (Print Name)  Description of County of C							_		
Phone: (620) 678-3461  Name of Party Responsible for Plugging Fees: Long Drilling Co LLC  State of Kansas County, Greenwood , ss.  Patricia Reed Employee of Operator or Operator or Operator on above-described the same are true and correct, so help me God.									
Name of Party Responsible for Plugging Fees: Long Drilling Co LLC  State of Kansas County, Greenwood , ss.  Patricia Reed Employee of Operator or Operator on above-described (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 the same are true and correct, so help me God.	City: Hamilton				_ State: _ K	ansas	Ziş	66853-013	1
State ofKansas	Phone: (620) 678	3-3461			_				
Patricia Reed  (Print Name)  Deeng 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 the same are true and correct, so help me God.	Name of Party Responsible	e for Plugging Fees:	Long Drillin	ig Co	LLC				
Patricia Reed  (Print Name)  Deeng 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 the same are true and correct, so help me God.	State of Kansas	Cour	nv Greenwood		55				
(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 the same are true, and correct, so help me God.			-						
the same are true and correct, so help me God.			ne)		Emp	ployee of Operat	pror Up	perator on above-descri	ea w
Commendation Read	being first duly sworn on o	ath, says: That I have kno	owledge of the facts statements,	and matte	ers herein con	tained, and the I	og of the abo	ve-described well is as f	iled, ε
Signature: Yalrucia Kled	the same are true and corn	rect, so help me God.							
	Signature: Yarru	inkled						DE/	<b>.,</b> ,.

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

MAR 0 9 2012

Well Log

Company	Long Drilling Co.
Farm	Rickabaugh
Well	6
Location	310' FWL 750' FNL 4 23 11E Greenwood County, Kansas
Commenced	12/10/81
Completed	12/15/81
Casing	103' 5 5/8" cemented with 50 sacks 1992' 4 2" cemented with 100 sacks
Contractor	Jackman & Jackman
Production	Testing
Total Depth	1993
	Soil 0 - 4 Shale 4 14 Lime 14 18 Shale 18 70 Shale 8 shells 70 90 Lime 90 105 Lime 8 shale 105 798 Sand 792 833 Water sand 833 955 Lime 955 1089 Shale 1089 1216 Lime 1216 1406 Shale 8 shells 1406 Shale 8 shells 1406 Shale 1911 1948 Sand 1948 1970 Shale 1970 1993

01 is 41 above ground level.

RECEIVED
MAR 0 9 2012
KCC WICHITA



TICKET NUMBER	36263
LOCATION EUREKA	
FOREMAN Keye M	50

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

DATE	CUCTOMED #				NI API "NIA			K
<del> </del>	CUSTOMER#		NAME & NU		SECTION	TOWNSHIP	RANGE	COUN
2-23-12 USTOMER	47/8	RICKAGA	ugh #	6				မေ
	ve DR/g. Co		•	Co.	TRUCK #	「日本」		
AILING ADDR	ESS	<u>'                                    </u>	<del>-</del>	70065	TRUCK#	DRIVER	TRUCK#	DRIVE
P.o.	Box 131				445	DAVE 6.	<u> </u>	<del>-</del>
ITY		STATE [	ZIP CODE		637	Jim M -	12-20-12	
HAMIL		ا ما	6883	1			<u> </u>	
						<u> </u>	<u> </u>	
DB TYPE_P	T. A. MISC O	HOLE SIZE	7 1/8	HOLE DEPT	H	CASING SIZE &	WEIGHT 4½	
ASING DEPTE	· · · · · · · · · · · · · · · · · · ·	DRILL PIPE		TUBING <u>&lt;</u>	7/8 E /		OTHER	
LURRY WEIGH	<del>-</del>	SLURRY VOL	·	_ WATER gal/s	sk	CEMENT LEFT I	CASING	
SPLACEMEN	T	DISPLACEMENT	PSI	MIX PSI	<del></del>	DATE		
MARKS JA	sety Meeting:	TO 1989'	PERFS 10	889 - 1945	. C18p Set	a 1850' W/	2 SKS Com	ent on
FBP. 2	-20-12 F/A9	holes IN 4	1/2 @ 1.	50' 300' a	of win Line.	Had Fluid	Retuens to	Gera
N ANNU/u	s of 41/2.	Rig down.		<u> </u>		77.7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OUKAA C
			+ PKR G	450' FIA	9 hole @ 582	" cel men la	GLOV	
119 hole 6	882 (4)	He I me . Fin	A Peter	ens of Tree	FACE ON ANN	W CILLIA	Kas Cra	444 6
AVE OK 7	to Phys well	4/11/2 13/0-	LL & Du	% Cd 0 /0	D' COT CO	2105 OF 7 12.	ACC Ayent	MIKE A
Fran 680'	- 802 /- 20	2' Sold Plan	09 8 7	K Jet @ 60	0' Spot 50 s	25 60/40 /62	MIX CEMEN	+ w/4%
uside 41/2"	Fell 41% 0	16 - + 21	INSIDE	* Outside	0 x 41/2) Pa	12 769 8 PK	K. RANZ	18 to 15
C 41/2 -	· 7/22 4 12 W	C- /	1 169	10p OFF CAS	my w/ Coment	= 15 SKS. RA	~ 1" Tbg a	OWN AN-
10/ (-00)	I O I	33 SKS 60	140 POZM	nx (Ement o	w/4% 6cL 6	ood Cament Th	SURFACE.	Pull 1"
ACCOUNT	HA. KIG Clown	<u>'.                                      </u>						
CODE	QUANITY	or UNITS	t	DESCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTA
								I IUIA
5401	1	P	UMP CHAR	RGE				<del> </del> -
5401 5406	1		UMP CHAF	RGE			1030.00	1030.
406	1 25 2	N	ILEAGE				1030.00	1030.
406 5609			IILEAGE MISC PU	mp 2-20	-/2		1030.00	1030.
5406 5609 5502	2 2 н	N /rs	NLEAGE MISC PU 80 B6L	mp 2-20 VAC TRUCK	-/2 - 2-20-/2		1030.00	1030.0
5406 5609 5502 5406	2 2 H 25	/ /rs	MISC PU 80 Bbl Mikage	тр 2-20 VAC TRUCK 2-20-12	-12 2-20-12		1030.00	1030. 100.0 100.0
7406 5609 5502 5406	2 2 H 25 120 SK	N 11-5	MISC PU 80 B6L Mikage 60/40 I	mp 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12		1030.00 4.00 200.00 90.00	1030.0 100.0 100.0 180.0
5406 5609 5502 5406	2 2 H 25	N 11-5	MISC PU 80 Bbl Mikage	mp 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12		1030.00 4.00 200:00 90.00 4.00 12.55	1030.0 100.0 100.0 180.0 1506.0
7406 5609 5502 5406 1131	2 2 H 25 120 SK	N 11-5	MISC PU 80 B6L Mikage 60/40 I	mp 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12		1030.00 4.00 200:00 90.00 4.00	1030.0 100.0 100.0 180.0 1506.0
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1406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 866 Milange 60/40 1	mp 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment		1030.00 4.00 200:00 90.00 4.00 12.55	1030.0 100.0 180.0 180.0 1506.0 86.10
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1406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 866 Milange 60/40 1	MP 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment Delu	RECEIVED	1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 100.0 180.0 1506.0 86.10
1406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 866 Milange 60/40 1	MP 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment Delu		1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 180.0 180.0 1506.0 86.10
1406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 866 Milange 60/40 1	MP 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment Delu	RECEIVED	1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 100.0 180.0 1506.0 86.10
1406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 866 Milange 60/40 1	MP 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment Delv.	RECEIVELY AR 0 9 20-1	1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 100.0 180.0 1506.0 86.10
1406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 866 Milange 60/40 1	MP 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment Delv.	RECEIVED  AR 0 9 20-2	1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 180.0 180.0 1506.0 86.10
7406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 86L MICA 9C 60/40 1 GeL 49	MP 2-20 VAC TRUCK 2-20-12 POZMIX CE	-12 2-20-12 Ment Delv.	RECEIVED  AR 0 9 20-2	1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 180.0 180.0 1506.0 86.10
7406 5609 5502 5406 1131 1118 B	2 2 H 25 120 SK 410	N / / / / / / / / / / / / / / / / / / /	MISC PU 80 86L MICA 9C 60/40 1 GeL 49	mp 2-20 VAC TRUCK 2-20-12 POZMIX CE 1/2 PAGE BULK	-12 2-20-12 Ment Delv.	RECEIVELY  AR (1 9 - 20 - ^ )  C WICHITA	1030.00 4.00 200.00 90.00 4.00 12.55 .21 **	1030.0 100.0 180.0 180.0 1506.0 86.10 350.0
7406 5609 5502 5406 1131 1118 8 5407	2 2 H 25 120 SK 410	Its /	MISC PU 80 86L MICA 9C 60/40 1 GeL 49	mp 2-20 VAC TRUCK 2-20-12 POZMIX CE 1/2 PAGE BULK	-12 2-20-12 Ment Delu.	RECEIVELY  AR (1 9 - 20 - ^ )  C WICHITA	1030.00 4.00 200.00 90.00 4.00 12.55 .21 ** M/c	<del> </del>

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

Re: LONG DRILLING COMPANY
Rickabaugh #6.
310 FWL, 750 FML NW/4
Section 4-23-11E
Greenwood County, Kansas

Long Drilling Company Box 131 Hamilton, Kansas 66853

Gentlemen:

This report of the captioned well is based on the microscopic examination of the cuttings of this well from 1500° to the total depth of 1993°. All measurements were taken from the kelly bushing, which is 4° above ground level.

Edco Drilling Co., of El Dorado, Kansas commenced drilling this test Dec. 13, and completed it by running casing Dec. 15, 1981.

The following tops were pleked from the cuttings:

Elevation: 30 lower than #5

Altament: 1549'
Pawieo 1613'
Ft. Scott 1668'
Chorokee 1683'
Ardmore 1769'
Bartlesville 1911'
Base " 1970'
TOTAL DEPTH 1993'

A description of the zone of interest is as follows:

BARTLESVILLE: 1911' to 1970' This zono consisted of a soft modium grained white to clear slightly quartzitic sand with a few shale streaks in the top 30', and a clean sand below. A very good odor was noted throughout, with some free oil in the top 30', but only traces of free oil in the bottom. On a fresh break in the bottom there was evidence of water. A good fluorescence was noted throughout.

RECOMENDATION: This thick cand section was lower in the Cherokee than the off-set wells to the east, and the thickness indicates it to be the same sand found to the West. Since the sand has been water flooded and abandoned in the West wells, and this sand is not present in the east off-set wells, it can be assumed that this zone is an edge well, and conceivably could have a considerable amount of trapped oil from the west. Therefore it was recommended that pipe be set below this zone and completion attempted. It is left to the operators discretion as to how much of the sand to perforate, although it is certain that the lower it is perforated the more water can be expected.

Sincerely,

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MAR 0 9 201?

Ivan L. Stuber Geologist

KCC WICHITA

Well Log

Company	Long Drilling Co.	
Farm	Rickabaugh	
Well	6	
Location	310' FWL 750' FNL 4 23 11E Greenwood County, Kansas	
Commenced	12/10/81	
Completed	12/15/81	
Casing	103' 5 5/8" cemented with 50 sacks 1992' 4 2" cemented with 100 sacks	
Contractor	Jackman & Jackman	
Production	Testing	
Total Depth	1993	
·	Soil 0 - 4 Shale 4 114 Lime 114 18 Shale 8 18 70 Shale 8 shells 70 90 Lime 90 105 Lime 8 shale 105 798 Sand 792 833 Water sand 833 955 Lime 955 1089 Shale 1089 1216 Lime 1216 11406 Shale 8 shells 1406 1911 Bart Sand 1911 1948 Sand 1948 1970 Shale 1970 1993	

 $0^{\mbox{\tiny 1}}$  is  $h^{\mbox{\tiny 1}}$  above ground level.

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