



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

KANSAS CORPORATION COMMISSION 1309365
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



Drilling Report Orig

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

HWD 14

Report Date: 9/29/2014

Spud Date: 9/13/2014 AFE: DC14192

Well Name WEST 3508 3-5H	Proposed TD (ftKB) 9,379	MD (ftKB) 5,487	Footage (ftKB) 0	Dril Hrs (hr) 19	Avg ROP (ft/hr) 15.60	DFS (days) 19	Report No. 19	
Field Name BOUSE	Corp ID 127378	County/Parish HARPER	ST KS	Township 35	Township N/S Dir S	Range 8	Range E/W Dir W	Section 5
Operations at Report Time Trip out of Hole To Pump Cement Plug				Operations Next 24 Hours Kick Off Cement Plug to Re-Drill Curve Section				
Drilling Lead Nick Newland	Drilling Engineer Cody Conallis	Geologist Trey Boardman	Field Geologist Bob Wilcox	Drilling Supt. J. Fortune/C. Miller	Company Man Shane Morrison			

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	YS (ft)	DL S (°/100ft)
5,036	4,726	76.9	178.00	506	3.12
5,080	4,734	80.4	177.34	547	8.09
5,123	4,740	85.2	177.71	586	11.20
5,167	4,742	87.6	177.87	627	5.47
5,211	4,744	87.3	177.71	668	0.77
5,254	4,746	88.3	177.78	708	2.33
5,298	4,747	88.5	177.55	749	0.69
5,342	4,748	88.3	177.14	790	1.04
5,386	4,750	88.8	177.28	831	1.18

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Ops Code	Dpth Start (ftKB)	Dpth End (ftKB)	Description	ROP
05:00	15:00	10.00	10.00	Short/Wiper Trip	5,487	5,487	Continue Making Clean Up Run, Began Taking Weight at 4669'. Began Sliding / Washing From 4669' to 5003'. Bit Began Torquing Up. Pulled Back to 4959' and Rotated / Reamed Down to 5003'. We began Sliding Again at 5003' and Slid to 5020' With WOB 30K, GPM 540, SPP 2500, ROP 12 FPH. We Began Rotating From 5020' to 5047', Took a Check Shot at SD 4987' and Built 5.0° Leading us to Believe we are Side Tracked. Directional Looked at Surveys and Discovered that there was a 20.3° Dogleg at the End of the Well. Decision was Made To Come Out of the Hole and Pump a 200 sk Cement Plug and Re-Drill Curve Section from +/- 70° at 4885'	
15:00	15:30	0.50	10.50	Rtn. Maint.	5,487	5,487	Rig Service	
15:30	23:00	7.50	18.00	TOOH	5,487	5,487	Trip Out of Hole to Pump a Cement Plug. Called and Spoke to Ken W/ KCC in Regards to Pumping a Cement Plug to Kick Off at 4885'	
23:00	01:30	2.50	20.50	PU/LD BHA	5,487	5,487	L/D HWDP and Directional Tools	
01:30	05:00	3.50	24.00	TIH	5,487	5,487	Trip in Hole W/ Open Ended DP	

Casing Strings

Csg Desc	OD (in)	W/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	20	133.0	L-80	0.0	80
Surface	9 5/8	36.00	J-55	-5.4	392

BHA #3, 8 3/4 Steerable

BHA # 3	Drill String Name 8 3/4 Steerable	Length (ft) 1,548.23
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BHA Components

Jls	Item Des	Bend (°)	Rpg	OD (in)	Run (hr)	Len (ft)
45	HWDP			4	56.75	1,399.50
1	XO Sub			6 7/16	56.75	2.24
1	Shock Sub			6 1/4	56.75	21.53
1	NMDC			6 3/4	56.75	31.10
1	NMDC			6 3/4	56.75	30.92
1	UBHO			6 3/4	56.75	3.62
1	NMDC			6 1/4	56.75	30.78
1	Weatherford	1.83	0.28	7 5/8	56.75	27.54

Drill Pipe in Hole

# of Jls	Size (in)	Wt	Grade	Conn	Length (ftKB)

Diesel Fuel

Received	Used	Total on Location
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Last BOP Test

End Date

Costs

Daily Cost Total 39,519	Field Est To Date 1,137,100
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AFE Rig Release Estimate

AFE (Cost) 1,779,974

MW-In (lb/gal)	MW-Out (lb/gal)	Vis (s/qt)	PV (Pavs)	YP (lb/100ft³)	Gel 10 sec	Gel 10 min	Gel 30 min
9.20		48	0.0	12	9	17	
Filtrate (mL/30min)	Cake (1/32")	pH	Solids (%)	LGS (%)	MBT (lb/bbl)	Oil (%)	H2O (%)
3.8	2	9.8	6	6	20.0		94
Chlor (mg/L)	Calcium (mg/L)	ES (V)	HTHP Filtrate (mL/30min)	P2 (mL/mL)	MF (mL/mL)	ECD (lb/gal)	LCM
12,000	80				1.8	9.38	
Compressors	Boosters	Nitrogen Units	Air/Gas Vol. (ft³/min)	Pressure (psi)			

Air/Mud Data

Comment No Accidents, Incidents or Spills Reported Last 24 Hrs.							
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Mud Volumes

Tank/Additional/Loss	Type	Subtype	Volume (bbl)
Tank	Active		352.0
Tank/Additional/Loss	Type	Subtype	Volume (bbl)
Hole	Hole		500.0

Mud Logging Data

MD (ftKB)	Shale (%)	SS (%)	LS (%)	Chert (%)	Dolomite (%)	BG Gas	C/Gas	T/Gas	Max Gas	Gas Show	Com

Bit Run # 3

Size (in)	Model	Make	SN	Jets or TFA	In (ftKB)	Out (ftKB)	Dril (ftKB)	Dril Hrs (hr)	ROP (ft/hr)	
8 3/4	MMD55DM	Halliburton	12444430	14/14/14/14/14	4,282	5,487	1,205	56.75	21.2	
Inner	Outer	Dull	Loc	Bearing	Gauge	Other	Reason LD	Com		
1	0	BT	A	X		NO	TD			

Bit Run # 2

Size (in)	Model	Make	SN	Jets or TFA	In (ftKB)	Out (ftKB)	Dril (ftKB)	Dril Hrs (hr)	ROP (ft/hr)	
8 3/4	PLD616D6	JZ	S09240	14/14/14/14/14/14	392	4,282	3,890	72.00	54.0	
Inner	Outer	Dull	Loc	Bearing	Gauge	Other	Reason LD	Com		
3	3	BT	A	X		NO	PR			

Bit Run # 1

Size (in)	Model	Make	SN	Jets or TFA	In (ftKB)	Out (ftKB)	Dril (ftKB)	Dril Hrs (hr)	ROP (ft/hr)	
12 1/4	HA-1	JZ	K22966	16/16/16/16	94	392	298	7.50	39.7	
Inner	Outer	Dull	Loc	Bearing	Gauge	Other	Reason LD	Com		
0	0	NO	A	E		NO	TD			

Drill Pipe on Location

Jls	Sz (in)	Wt (tonnes)	Grade	Conn	Length (ft)	Com

GeoProg Formation Tops

Formation Name	Prog Top MD (ftKB)	Prog KB TVD (ftKB)
Base Heebner		3,495
Cottage Grove		4,124
Oswego		4,440
Cherokee		4,573
Verdigris		4,592
Lansing		3,819
Atoka		4,698
Miss Unconformity		4,720

ALLIED OIL & GAS SERVICES, LLC 063249

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Madison Lodge KS

DATE <u>9/29/14</u>	SEC. <u>5</u>	TWP. <u>35S</u>	RANGE <u>8W</u>	CALLED OUT	ON LOCATION <u>6:50 A</u>	JOB START <u>9:10 A</u>	JOB FINISH <u>10:00 A</u>
LEASE <u>West 3508</u>		WELL # <u>3-5H</u>		LOCATION <u>Waldron KS 2 W</u>		COUNTY <u>Harper</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				Z W			

CONTRACTOR HWD 14 OWNER Sandridge

TYPE OF JOB Plug Back

HOLE SIZE 8 3/4 T.D. 5047 CEMENT

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED 2005x Class H+

TUBING SIZE _____ DEPTH _____ .75% CO-31 + .2% Defamer, 1/10-20

DRILL PIPE 4" 14.4 DEPTH 5020

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 38 bbl Fresh/Mud

EQUIPMENT

PUMP TRUCK CEMENTER JR/Ko Heard

548/545 HELPER Justin Bower

BULK TRUCK

819/823 DRIVER Wayne Rucker

BULK TRUCK

_____ DRIVER _____

REMARKS:

AFE Number: DC14192

Well Name: WEST 3508 3-5H

Code: 830-390

Amount: 9229.37

Co. Man: Shane Wiggins

Co. Man Sig.: [Signature]

Notes: _____

CHARGE TO: Sandridge

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE [Signature]

COMMON <u>H 2005x</u>	@ <u>21.20</u>	<u>4240.00</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
CO-31 <u>141#</u>	@ <u>10.30</u>	<u>1452.30</u>
Powder Defamer <u>37#</u>	@ <u>9.80</u>	<u>362.60</u>
Cement Retarder <u>19#</u>	@ <u>4.50</u>	<u>85.50</u>
_____	@ _____	_____
SuperFlush <u>30 bbl</u>	@ <u>58.70</u>	<u>1761.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING _____	@ _____	_____
MILEAGE _____	@ _____	_____
30% = <u>2370.42</u>	TOTAL	<u>7901.40</u>

SERVICE

DEPTH OF JOB <u>5020</u>		
PUMP TRUCK CHARGE		<u>3149.78</u>
EXTRA FOOTAGE <u>LV 40</u>	@ <u>4.40</u>	<u>176.00</u>
MILEAGE <u>40</u>	@ <u>7.70</u>	<u>308.00</u>
MANIFOLD <u>Swage</u>	@ _____	<u>140.00</u>
Handling <u>210.4 cu/ft</u>	@ <u>2.48</u>	<u>521.79</u>
Dayse <u>.9.49/379.94</u>	@ <u>2.60</u>	<u>987.84</u>
30% = <u>1585.02</u>	TOTAL	<u>5283.41</u>

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL		_____

SALES TAX (If Any) _____

TOTAL CHARGES 13184.81

DISCOUNT 9229.37 IF PAID IN 30 DAYS