

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

1156795

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: _____

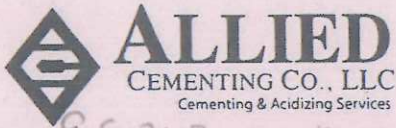
State of _____ County, _____, ss.

(Print Name) ☐ Employee of Operator or ☐ Operator on 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 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



CEMENTING LOG

STAGE NO.

Date 9-8-2013 District ML Ticket No. 59569
Company Source Rig Tonca 2 H 2
Lease Stutners Well No. 14-41
County Sumner State KS
Location Dic South Haven, KS Field 14-33s-1e

CASING DATA: Conductor ☐ PTA ☒ Squeeze ☐ Misc ☐
Surface ☐ Intermediate ☐ Production ☐ Liner ☐
Size 4 1/2 Type Drill Pipe Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
Open Hole: Size 8 3/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Drill Pipe: Bbls/Lin. ft. 0.0142 Lin. ft./Bbl. 70.32
Annulus: Bbls/Lin. ft. 0.0085 Lin. ft./Bbl. 118.28
Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60:40:49:60
Excess _____

Amt. 150 Sks Yield 1.40 ft³/sk Density 14.1 PPG

TAIL: Pump Time _____ hrs. Type _____
Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER: Lead 6.7 gals/sk Tail _____ gals/sk Total 24 Bbls.

Pump Trucks Used 558-555

Bulk Equip. 561 553

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG

Mud Type D.S. 100 - 3 bbls water 42 min Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER DGlin Franklin

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|------|-------------------|---------|-------------------|------------------------|----------------|------------------------------------|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | Pumped Per Time Period | RATE Bbls Min. | |
| | <u>400</u> | | | | | Pipe on bottom Circulate bottom up |
| | | | | | | 1st Plug - 3950 |
| | <u>400</u> | | | <u>8 bbls</u> | <u>5</u> | Pump 8 bbls water ahead |
| | <u>400</u> | | | <u>9 bbls</u> | <u>5</u> | Mix 355x Cement |
| | <u>400</u> | | | <u>50 bbls</u> | <u>5</u> | Displace 3 bbls water, 40 bbls mud |
| | | | | | | 2nd Plug - 340' |
| | <u>200</u> | | | <u>9 bbls</u> | <u>5</u> | Pump 9 bbls water |
| | <u>200</u> | | | <u>9 bbls</u> | <u>5</u> | Mix 355x Cement |
| | <u>200</u> | | | <u>3 bbls</u> | <u>5</u> | Displace 3 bbls water |
| | | | | | | 3rd Plug - 60' |
| | <u>100</u> | | | <u>6 bbls</u> | <u>3</u> | Mix 255x Cement |
| | | | | | | 4th Plug |
| | <u>100</u> | | | <u>7 bbls</u> | <u>3</u> | Mix 305x Cement |
| | | | | | | Mouse hole |
| | <u>100</u> | | | <u>5 bbls</u> | <u>3</u> | Mix 205x Cement |

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.

ALLIED OIL & GAS SERVICES, LLC 059569

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Medicine Lake KS

| | | | | | | | |
|------------------------------------|---------------------|--|-----------------|------------|----------------------|-----------------|---------------------------|
| DATE <u>9/8/2013</u> | SEC. <u>14</u> | TWP. <u>33S</u> | RANGE <u>1E</u> | CALLED OUT | ON LOCATION | JOB START | JOB FINISH <u>3:45 PM</u> |
| LEASE <u>Sturmers</u> | WELL # <u>14-41</u> | LOCATION <u>South Haven, KS, 1551 on Hwy 166 to Oliver Rd, S. 1/4, 31/2 N. 1/2</u> | | | COUNTY <u>Sumner</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | | | | | | |

| | | |
|---|--------------------|--|
| CONTRACTOR <u>Tomcat #2</u> | | OWNER <u>Savice</u> |
| TYPE OF JOB <u>Reilly Plus</u> | | |
| HOLE SIZE | T.D. | CEMENT |
| CASING SIZE | DEPTH | AMOUNT ORDERED <u>150s x 60.40 4 1/2 60s</u> |
| TUBING SIZE | DEPTH | |
| DRILL PIPE <u>4 1/2</u> | DEPTH <u>3950'</u> | |
| TOOL | DEPTH | |
| PRES. MAX | MINIMUM | COMMON _____ @ _____ |
| MEAS. LINE | SHOE JOINT | POZMIX _____ @ _____ |
| CEMENT LEFT IN CSG. | | GEL _____ @ _____ |
| PERFS. | | CHLORIDE _____ @ _____ |
| DISPLACEMENT <u>3 bbls water, 47 bbls mud</u> | | ASC _____ @ _____ |
| EQUIPMENT | | _____ @ _____ |
| PUMP TRUCK CEMENTER <u>Dean J.</u> | | _____ @ _____ |
| # <u>558-555</u> HELPER <u>Scott P.</u> | | _____ @ _____ |
| BULK TRUCK | | _____ @ _____ |
| # <u>561-553</u> DRIVER <u>James B.</u> | | _____ @ _____ |
| BULK TRUCK | | _____ @ _____ |
| # | DRIVER | _____ @ _____ |
| | | HANDLING _____ @ _____ |
| | | MILEAGE _____ @ _____ |

REMARKS:

1st Plug - 3950 - 8 bbls water, 47 bbls mud
Displace 3 bbls water, 47 bbls mud
2nd Plug - 3940 - 9 bbls water, 47 bbls mud
Displace 2 bbls water
3rd Plug - 60 - mix 255x cement
Rough mix 305x cement
Maintenance mix 205x cement

TOTAL _____

SERVICE

| | |
|-----------------------------|--|
| DEPTH OF JOB <u>3905'</u> | |
| PUMP TRUCK CHARGE | |
| EXTRA FOOTAGE _____ @ _____ | |
| MILEAGE _____ @ _____ | |
| MANIFOLD _____ @ _____ | |
| _____ @ _____ | |
| _____ @ _____ | |

TOTAL _____

CHARGE TO: Tomcat

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | |
|-------|---|-------|
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |

TOTAL _____

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 X

SIGNATURE X

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Felix Estigar
\$6,171.97

Thank you!!!

| | |
|------------------|---|
| Days from spud | 9 |
| Days on Location | 6 |
| 10066D | |

Proposed TD: 3,960

| | | | |
|-----------|------|-----------|--|
| Depth | 3960 | Cum feet | |
| Yesterday | 3960 | Cum hours | |
| Footage | 0 | Cum "P" | |
| Hours | 0 | | |
| "P" Rate | 0 | | |

Drilling Rig: #2

| | |
|--------------------------|------|
| Activity at report time: | RDMO |
| Weather: | |
| Other Activity | |

| FROM | TO | HRS | OPERATION | FROM | TO |
|-------|-------|-------|---|------|----|
| 6:00 | 9:00 | 3.00 | TIH Hole to 3905 picking up 19 jts drill pipe to replace collars | | |
| 9:30 | 10:00 | 0.50 | Rig up cementers and test equipment | | |
| 10:00 | 10:30 | 0.50 | Set first cement plug at 3905' MD with 8 bbls fresh water followed by 35 sxs 60/40 blend w/ 4% gel 14.10 ppg | | |
| | | | displace with 3 bbls fresh water and 47 bbls mud | | |
| 10:30 | 14:30 | 4.00 | POOH racking back 5 stds laying down the rest of the dp | | |
| 14:30 | 15:00 | 0.50 | Set second cement plug at 340' MD with 9bbls fresh water followed by 35sxs 60/40 blend w/ 4% gel 14.10 ppg 1.4 ft3/sk | | |
| | | | displace 3bbls fresh water | | |
| 15:00 | 15:30 | 0.50 | POOH to 60' set plug three with 25 sxs of 60/40 blend w/ 60/40 blend with 4% gel 14.10 ppg 1.4 ft3/sk | | |
| | | | circulated cement to surface | | |
| 15:30 | 16:00 | 0.50 | Cement rat hole with 30 sxs cement and mouse hole with 20 sxs cement | | |
| | | | Both the rat and mouse hole were cemented with the same 60/40 blend w/ 4% gel 14.10 ppg 1.4 ft3/sk | | |
| 16:00 | 17:00 | 1.00 | R/D Allied cementers and clean trucks | | |
| 17:00 | 18:00 | 1.00 | N/D bop stack release rig | | |
| | | 0.00 | | | |
| | | 0.00 | Note: Plugging Instructions came from Jeff Klock at the KCC 316-215-5018. Please see the attached docu | | |
| | | 0.00 | for the cementing report from Allied Oil and Gas Service and the email from the KCC outlining the requirem | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 0.00 | | | |
| | | 11.50 | | | |

| MUD PROPERTIES | | | | |
|----------------|--------|--|----------|-----|
| Weight: ppg | 9.3 | | Vis: sec | 50 |
| PV | 9 | | YP | 16 |
| Gels | 10, 15 | | WL | |
| Wall cake | 3 | | Solids | 6.7 |
| LGS | | | Sand | tr |
| MBT | | | PH | 9 |
| Chlorides | 4400 | | Hardness | 900 |
| | | | | |

[illegible][illegible]

| Pump | | | | | | | | | | | |
|-------|------|---------------|-----|-------|-----|-----|--------------|------------|-----------|---------|-------------|
| Pump# | Size | Stroke Length | SPM | Liner | GPM | PSI | DP Ann. Vel. | DC Ann Vel | Noz. Vel. | Bit HHP | % HHP @ Bit |
| 1 | 1000 | 12 | | 6.5 | | | | | | | |
| 2 | 800 | 9 | | 6.5 | | | | | | | |

| Bottom Hole Assembly | | | |
|-----------------------------|---------------|-----------|-----------|
| Item | Length | ID | OD |
| | | | |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | | |
| Tot. length | | 0 | |

| QUICK REVIEW | |
|------------------|--|
| String weight | |
| Pick up weight | |
| Slack off weight | |
| Rotating weight | |
| Torque | |
| | |
| WOB | |
| RPM table | |
| RPM motor | |
| Pressure | |
| | |
| | |

| WATER | |
|-------------|--|
| Daily Water | |
| Cum Water | |

Elizabeth Habermehl

From: Steve Godfrey
Sent: Thursday, October 10, 2013 11:43 AM
To: Elizabeth Habermehl
Subject: KCC : Plugging Instructions_Struthers 14-41

For your use..

From: Chris Henn [<mailto:chennc consulting@outlook.com>]
Sent: Thursday, October 10, 2013 11:15 AM
To: Steve Godfrey
Subject: Fwd: Plugging Instructions_Struthers 14-41

Begin forwarded message:

From: Jeff Klock <j.klock@kcc.ks.gov>
Subject: Plugging Instructions_Struthers 14-41
Date: September 7, 2013 9:53:46 PM CDT
To: "chennc consulting@outlook.com" <chennc consulting@outlook.com>

Chris,

As we discussed the two options here at TD are to run pipe, or plug the well. I checked the salt section for 33-1E, and there is no salt section to speak of, but I wanted to be sure. The plugging instructions are as follow: spot 35sx at the top of the Arbuckle formation, spot 35 sx @ 345', pull up to 60' and spot 25sx and circulate that to surface. 30sx in the rat hole, and 20 in the mouse hole. A 60/40 blend of cement can be used with no more than 4% gel. Let me know if you have any more questions, and again my cell is 316-215-5018. Thanks for the call and asking about the options.

Jeff Klock
District 2 Supervisor



Conservation Division
Kansas Corporation Commission
3450 N Rock Road, Building 600, Suite 601
Wichita, KS 67226

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Company Rep. :

| | |
|----------|--|
| COMMENTS | |
|----------|--|