



ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

68098

REMIT TO: Allied OFS, LLC
P.O. Box 205803
Dallas, TX 75320-5803

SERVICE POINT:
Oakley

DATE <u>8-22-16</u>	SEC <u>2C</u>	TWP <u>LS</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>4:30 am</u>	JOB START <u>08:00 11:00</u>	JOB FINISH <u>10:00 2:00</u>
LEASE <u>SPRESSER TRUST</u>	WELL # <u>1-2C</u>	LOCATION <u>Hoxie 8N 1E 2N 1/2E</u>	COUNTY <u>Sheridan</u>	STATE <u>KS</u>			
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)				<u>Ninto</u>			

CONTRACTOR <u>Murphy</u>
TYPE OF JOB <u>Production</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>4200'</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>4189'</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL <u>DV</u> DEPTH <u>2468'</u>
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT <u>42'</u>
CEMENT LEFT IN CSG. <u>42'</u>
PERFS.
DISPLACEMENT <u>bottom 98.69</u> <u>top 58.73</u>
EQUIPMENT

PUMP TRUCK # <u>431-281</u>	CEMENTER <u>Andrew Forstner</u>
BULK TRUCK # <u>323</u>	DRIVER <u>Jade Mitten</u>
BULK TRUCK # <u>891</u>	DRIVER <u>Marty Phillips</u>
	HELPER <u>Wayne McWhorter</u>

OWNER <u>Same</u>
CEMENT
AMOUNT ORDERED <u>20 BBL Hivis sweep 20006 mud clean</u>
<u>125 SKS ASC (1" Nod 5.5 cup seal) 5" tails strike</u>
<u>325 Fluid Loss 14" SK Deformer</u>
<u>425 SKS LITE 14" FLO-SEAL</u>
COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC <u>125 SKS</u> @ <u>23.50</u> <u>2937.50</u>
<u>LITE 425 SKS</u> @ <u>19.88</u> <u>8443.00</u>
<u>Hivis Sweep 20006</u> @ <u>25.00</u> <u>5000.00</u>
<u>Mud Clean</u> @ <u>41.09</u> <u>821.80</u>
<u>1" seal 1.25" #</u> @ <u>.98</u> <u>612.50</u>
<u>Fluid Loss 94" #</u> @ <u>23.10</u> <u>2171.40</u>
<u>Deformer 17" #</u> @ <u>3.50</u> <u>59.50</u>
<u>Flo-seal 119" #</u> @ <u>2.97</u> <u>353.43</u>
TOTAL <u>16,899.13</u>
DISCOUNT <u>50%</u> <u>8449.57</u>

REMARKS:

Pump 20 BBL Hivis sweep 20 BBL mud clean in 125 SKS ASC wash pump and line clean Release Plug and Displace 1100' LIFT Pressure 1800' Plug 1800' float held open DV tool 600' Plug mouse hole plug Rot hole mix 420 SKS down 5 1/2 casing best circulation after mixing 380 SKS Wash pump and line clean Release and Displace plug 800' LIFT 1800' land plug tool closed Displace 3 BBL mix no circulation Thank you Hole stayed full

CHARGE TO: Sueman Exploration
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

HANDLING <u>684.40</u> @ <u>2.48</u> <u>1697.31</u>
MILEAGE <u>2.25</u> @ <u>140.00</u> <u>315.00</u>
DEPTH OF JOB <u>4189'</u>
PUMP TRUCK CHARGE <u>2765.25</u> <u>2400.25</u>
EXTRA FOOTAGE @
HV MILEAGE <u>40</u> @ <u>7.70</u> <u>308.00</u>
LV MILEAGE <u>40</u> @ <u>4.40</u> <u>176.00</u>
Stand by Pump @ <u>500.00</u>
Head + man Pkts @ <u>275.00</u>
TOTAL <u>15,800.71</u>
DISCOUNT <u>50%</u> <u>7,900.35</u>

PLUG & FLOAT EQUIPMENT

<u>1 LAF float shoe</u> @ <u>545.00</u>
<u>1 Latch down plug Assy</u> @ <u>660.00</u>
<u>1 DV Tool</u> @ <u>5335.00</u>
<u>40 Centralizers</u> @ <u>57.00</u> <u>2280.00</u>
<u>1 Box Thread Lock</u> @ <u>85.00</u>
TOTAL <u>8,905.00</u>
DISCOUNT <u>50%</u> <u>4452.50</u>

To: Allied OFS, 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]

THILL PRINTING CO., INC. - GREAT BEND, KS

SALES TAX (if Any) _____
TOTAL CHARGES 41,604.84
DISCOUNT 20,802.42 (50%) IF PAID IN 30 DAYS
NET TOTAL 20,802.42 IF PAID IN 30 DAYS

Bid



CEMENTING LOG

STAGE NO. 1

Date 8-22-16 District Ogkley Ticket No. 68098
 Company Symour Rig MURFIN 7
 Lease Symour Trust Well No. 1-26
 County Sheridan State KS
 Location 26 6 28 Field _____
Hixie 8N 1E 2N 1/2E N100

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type NEW Weight 15.5 Collar _____

CEMENT DATA:
 Spacer Type: 2000 Hixie sweep 2000 mud clean
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type ASC
 Excess _____
 Amt. 125 Sks Yield 1.52 ft³/sk Density 14.5 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

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

Casing Depths: Top KB Bottom 4189'

Pump Trucks Used 431
 Bulk Equip. 323

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4200 ft. P.B. to _____ ft.

Float Equip: Manufacturer weatherford
 Shoe: Type API float shoe Depth 4189'
 Float: Type latchdown plug Assy Depth 4147'
 Centralizers: Quantity 30 Plugs Top _____ Btm. _____
 Stage Collars DV TOOL 2468'
 Special Equip. _____
 Disp. Fluid Type water mud Amt. 98.69 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____ CEMENTER Andrew

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pump Hixie sweep pump mud clean mix ASC wash pump and line clean Release Plug start displacement with water
				10		
	200			10	7	
				10		
				10	7	water in start mud
	400			10		
				10		
	600			10		
				10		
	800			10		
				10		
	1000			10	7	
				9.5	4.5	
	1100					plug landed float held open DV TOOL
	1800					

FINAL DISP. PRESS: 1100 PSI BUMP PLUG TO 1800 PSI BLEEDBACK 1/2 BBLs. THANK YOU



CEMENTING LOG

STAGE NO. 2

Date 8-22-16 District Oakley Ticket No. 18098
 Company Suemar Rig Marlin 7
 Lease Spesser Well No. 1-26
 County Sheridan State KS
 Location 26 C 28 Field _____
Hoxie 8N1E 2N 12E N100

CEMENT DATA:
 Spacer Type: Water
 Amt. 20 Bbls Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type NEW Weight 15.5 Collar _____

LEAD: Pump Time _____ hrs. Type Lite 4/80 seal
 Excess _____
 Amt. 475 Skys Yield 2120 ft³/sk Density 12.00 PPG

Casing Depths: Top KB Bottom 4189'

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4120 ft. P.B. to _____ ft.

Pump Trucks Used 431
 Bulk Equip. 891

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Water Amt. 8123 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____ CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>1:30</u>				<u>4.5</u>		<u>plug mouse hole</u>
				<u>9</u>		<u>plug Rat hole</u>
				<u>20</u>		<u>pump water</u>
						<u>MIX 430 SKS down 5 1/2 casing</u>
						<u>lost circulation</u>
						<u>wash pump and line clean</u>
				<u>10</u>	<u>3</u>	<u>start displacement</u>
	<u>500</u>			<u>10</u>		<u>no circulation</u>
				<u>10</u>		
				<u>10</u>		
	<u>700</u>			<u>10</u>	<u>3</u>	
	<u>900</u>			<u>9</u>		
	<u>1800</u>					<u>plug landed</u>
<u>2:30</u>						<u>tool closed</u>
						<u>Cement did not circulate</u>

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1800 PSI BLEEDBACK 1/2 BBLs. THANK YOU