



#1 Dirks 4A

2100' FNL & 555' FEL

120' S & 105' E of SE NE Section 4-21S-18W

Pawnee County, Kansas

API# 15-145-21753-0000

Elevation: 2141' GL, 2150' KB

Sample Tops			Ref. Well
Anhydrite	1204'	+946	+2
B/Anhydrite	N/A		
Krider	2143'	+7	+3
Heebner	3532'	-1382	+9
Toronto	3553'	-1403	+10
Lansing	3597'	-1447	+9
Stark Shale	3820'	-1670	+6
Hush	3856'	-1706	+9
BKC	3892'	-1742	+3
Pleasanton	3898'	-1748	+3
Marmaton	3911'	-1761	Flat
Altamont	3942'	-1792	+2
Pawnee	3974'	-1824	+3
Fort Scott	4005'	-1855	-1
Cherokee Shale	4019'	-1869	-4
Conglomerate Sand	4031'	-1881	-3
Arbuckle	4061'	-1911	+1
Granite	4502'	-2352	N/A
RTD	4560'	-2410	

ALLIED OIL & GAS SERVICES, LLC 062711

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
great Bend

DATE 3-20-14	SEC. 9	TWP. 21	RANGE 18	CALLED OUT 4:30 am	ON LOCATION 6:30 am	JOB START 11:00 am	JOB FINISH 12:15 pm
LEASE <u>Dicks</u>		WELL # <u>4A</u>		LOCATION <u>Rush center S to pawnee co</u>		COUNTY <u>pawnee</u>	STATE <u>Ka</u>
OLD OR <u>NEW</u> (Circle one)				<u>go to Trd 1E 1/2 S W center</u>			

CONTRACTOR southwind # 2 OWNER Same

TYPE OF JOB surface

HOLE SIZE 12 1/2" T.D. 1215' CEMENT

CASING SIZE 8 3/4" 24# DEPTH 1213' AMOUNT ORDERED 400-14 65/35 61-gel

TUBING SIZE _____ DEPTH _____ 31-cc 150-14 class A 31-cc 21-

DRILL PIPE _____ DEPTH _____ gel

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 23'

CEMENT LEFT IN CSG. 2.3'

PERFS. _____

DISPLACEMENT H2O 76 BBI

EQUIPMENT

PUMP TRUCK CEMENTER Charles Kingen

#597 HELPER Mike nothern

BULK TRUCK

#8701844 DRIVER Brian Lang

BULK TRUCK

#599 DRIVER Kevin Zweighouse

HANDLING 615.81 @ 2.48 1.527.20

MILEAGE 26.37 x 35x 2.60 2.400.35

TOTAL 14.454.35

REMARKS:

Rig Ran 1213' 8 3/4 cas held soft meetings
Broke circulation w/ Rig mud Drop
ball pump through @ 500 psi pump
to head 10 BBI H2O ahead mix 400-14
65/35 61-gel 31-cc @ 12.5 ppg mix 150-14
class A 31-cc 21-gel @ 15.2 ppg shut
down Release plug displace 76 BBI
BBI H2O plug did land cement
did circulate float did not hold

SERVICE

DEPTH OF JOB 1213'

PUMP TRUCK CHARGE 2213.25

EXTRA FOOTAGE @ _____

MILEAGE Hum 35 @ 7.70 269.50

MANIFOLD @ _____

Hum 35 @ 4.40 154.00

_____ @ _____

TOTAL 2.637.25

CHARGE TO: Ritchie exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

(w) 8 3/4 Rubber plug 131.00

AFU cement @ 447.00 447.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 578.00

SALES TAX (If Any) _____

TOTAL CHARGES 17.671.60

DISCOUNT 3.534.32 IF PAID IN 30 DAYS

14.137.28

PRINTED NAME William Sanders

SIGNATURE William Sanders

thank you!

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.

ALLIED OIL & GAS SERVICES, LLC 062697

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Green Bend, TX

DATE <u>3-29-14</u>	SEC. <u>4</u>	TWP. <u>21S</u>	RANGE <u>14W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>PLUG 4-A</u>		WELL # <u>1</u>	LOCATION <u>Parish Center 5 to TRD</u>		COUNTY <u>Parish</u>	STATE <u>LA</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>parish county site 1E 12S W 14RD</u>				

CONTRACTOR Southlake #2 OWNER _____

TYPE OF JOB Barry Plug

HOLE SIZE _____ T.D. _____ CEMENT _____

CASING SIZE 4 5/8 DEPTH _____ AMOUNT ORDERED 270 SKS 60% class A

TUBING SIZE _____ DEPTH _____ 140K psi 4 1/2 gal 40 Pto

DRILL PIPE 4 1/2 DEPTH 4052

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. All

PERFS. _____

DISPLACEMENT fresh water / native mud

EQUIPMENT

PUMP TRUCK CEMENTER Dustin Chambers
398 HELPER Ben Newell

BULK TRUCK
47112 DRIVER Josh Ellis

BULK TRUCK
_____ DRIVER _____

COMMON	<u>132</u>	@ <u>17.90</u>	<u>2,362.80</u>
POZMIX	<u>88</u>	@ <u>9.35</u>	<u>822.80</u>
GEL	<u>8</u>	@ <u>23.40</u>	<u>187.20</u>
CHLORIDE		@	
ASC		@	
	<u>162501</u>	<u>55</u>	@ <u>2.97</u> <u>163.35</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>236.99</u>	@ <u>2.48</u>	<u>587.73</u>
MILEAGE	<u>9.88 X 35 X</u>	<u>2.60</u>	<u>899.80</u>
			TOTAL <u>5,022.86</u>

REMARKS:

Fill hole with Pto mud
14057-50 SKS
21740-50 SKS
31452-50 SKS
4160-20 SKS
5160-20 SKS
6160-20 SKS
plug down 10:45 AM

SERVICE

DEPTH OF JOB	<u>4052</u>		
PUMP TRUCK CHARGE		<u>2600.42</u>	
EXTRA FOOTAGE		@	
MILEAGE Hum	<u>35</u>	@ <u>7.70</u>	<u>269.50</u>
MANIFOLD		@	
	<u>Hum 35</u>	@ <u>4.40</u>	<u>154.00</u>
		@	

TOTAL 3,023.97

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

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

To: Allied Oil & Gas Services, LLC.
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SALES TAX (If Any) _____
TOTAL CHARGES 8,046.93
DISCOUNT 1,609.59 IF PAID IN 30 DAYS
6,437.54

PRINTED NAME William Sanders
SIGNATURE William Sanders
Thank You!