

#1 Brooks 32C

1020' FSL & 1635' FWL 30' N & 15' W of NW SE SW Section 32-12S-28W

Gove County, Kansas API# 15-063-22128-0000

Elevation: 2631' GL, 2639' KB

			Ref.
Sample Tops			Well
Anhydrite	2139'	+500	+1
B/Anhydrite	2178'	+461	-4
Stotler	3412	-773	-18
Heebner	3772'	-1133	-23
Lansing	3810'	-1171	-21
Muncie Shale	3958'	-1319	-30
Stark Shale	4040'	-1401	-24
Hush	4072'	-1433	-28
BKC	4096'	-1457	-20
Altamont	4138'	-1499	-26
Pawnee	4214'	-1575	-24
Myrick Station	4247'	-1618	-25
Fort Scott	4299'	-1660	-29
Cherokee Shale	4330'	-1691	-34
Johnson	4369'	-1730	-31
B/Johnson	4383°	-1744	-33
Mississippian	4409'	-1770	-35
RTD	4534'	-1895	

ALLIED OIL & GAS SERVICES, LLC 061758

Federal Tax I.D. # 20-8651475 REMIT TO P.O. BOX 93999 SERVICE POINT: **SOUTHLAKE, TEXAS 76092** Great Reno RANGE 2-8 108 FINISH 7:30 pm STATE CALLED OUT ON LOCATION JOB START Jam COUNTY Krooks WELL# LOCATION Grow to confer of foun OLD OR NEW (Circle one) CONTRACTOR OF DISCOVERY OWNER TYPE OF JOB SUFFEEL HOLE SIZE 12ち CEMENT T.D. AMOUNT ORDERED 165 SKS Class A 38 CC CASING SIZE DEPTH 2 Togel TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH @ 17.90 2. PRES. MAX MINIMUM COMMON, SHOE JOINT POZMIX MEAS, LINE CEMENT LEFT IN CSG. @<u>23.40</u>. GEL 320.00 CHLORIDE @ 64.00 PERFS. DISPLACEMENT 13.18 @ bbls frehwater ASC_ @ **EQUIPMENT** @ @ CEMENTER Josh Base **PUMP TRUCK** @ HELPER Ben Nevell <u># 366</u> @ BULK TRUCK # 610-112 @ DRIVER DUL Casper @ BULK TRUCK DRIVER HANDLING 178. MILEAGE 813 X YOX TOTAL 4.631. REMARKS: On location, Rig up, had soften meeting Run Bry casing Break Ciculation with Rig Med SERVICE Hook up coment pump pamp 5 pbls Ahead ススス DEPTH OF JOB mix 165 SKI closs A 38 cc 28696 1512.25 PUMP TRUCK CHARGE _ Sisplace 13.18, pbls Fresh water and shut in Coment did Gicolate EXTRA FOOTAGE_ @ 7.70 MILEAGE 140 mg Rig down @ MANIFOLD _ @ 4.40 176. 40 CHARGETO: Ritchie Exploration STREET_ STATE_ ZIP. CITY___ PLUG & FLOAT EQUIPMENT @ @ 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 TOTAL _ done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) -TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES 6.627. IF PAID IN 30 DAYS DISCOUNT. SIGNATURE 👗

8

ALLIED OIL & GAS SERVICES, LLC 054778

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, <u>KANSAS</u> 67665		SERVICE POINT		
	SALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 8-29-13 SEC. TWP. RANGE C	CALLED OUT	ON LOCATION	IO:00pg	10:30,pm
LEASE Brooks WELL# 32C LOCATION GOVE K	SZE Winte	<u> </u>	Gove	125
OLD ORNEW (Circle une)] .	
CONTRACTOR Discovery Drilling #1	OWNER			
TYPE OF JOB PTA				
HOLE SIZE 7% T.D. 4534	CEMENT	DERED <u>220</u>	60/10 49	ac/ 1/= 4
CASING SIZE DEPTH TUBING SIZE DEPTH	AMOUNTORE	781(8D <u>200</u>	770 77	
DRILL PIPE 41/2 16.6 DEPTH 2160				
TOOL DEPTH .			12.00	32 da 60
PRES. MAX MINIMUM	COMMON	132		2362,80
MEAS, LINE SHOE JOINT	POZMIX	188	@ <u>41.35`.</u> @ 23.40	822.80
CEMENT LEFT IN CSG.	GEL	7.57	_@ <i>_223.92</i> _ _@	177.17
PERFS.	CHLORIDE_		 	
DISPLACEMENT	ASC \$10 50	2_5X		148.50
EQUIPMENT	×10 30	_ حدسے	_@	. 110.00
·				
PUMPTRUCK CEMENTER Robost Y	· · · · · · · · · · · · · · · · · · ·		@	
# 4/7 HELPER Glown G			@	
BULK TRUCK			_ @	
# 410 DRIVER Joe G				
BULK TRUCK			_@	
# DRIVER	HANDLING 2	35.95 ft	@ 2.48	585,16
	MILEAGE 2	95,905 Hm		769,35
REMARKS:			TOTAL	, <u>4865.75</u>
01 25sks @ 2160				
pz 100 sks @ 1230		SERVI	CE	
e3 40sks @ 280	<u> </u>			
04 10sts @ 40	DEPTH OF JO	В		160
30sts in Rathole	PUMPTRUCK		24	83,59
15 sts in Moise hole	EXTRA FOOT	AGB	_@_ 	
	MILEAGE 3	OHVMI	@ 7- <i>70</i>	23/-00
	MANIFOLD	LVMI	-@ U 46	132.00
Thankyou	ے ج	OUT	_ @ <u>7.76</u>	
CHARGE TO: Litchie Exploration			-	,,, ,,,
CHAROD TO, ISTERNAL DISPLANT	•		TOTAL	. 2846,59
STREET				
CITYSTATEZIP	•	PLUG & FLOA	т концеми:	NT
	•	KTOG K LTON	1 EQUATE:	
	···	,	- 1//2=	11100
	8% wood	en plug		64.80
· · ·			@	
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			record to	64.80
done to satisfaction and supervision of owner agent or			TOTA	5 5 1.0 0
contractor. I have read and understand the "GENERAL	011 P0 @137 C	IE A nu'		
TERMS AND CONDITIONS" listed on the reverse side.	SALESTAX (If Any)		
*	TOTAL CHAP	GES <u>1156-</u> 5	25 1/1	/./7
DIEE WALL TICLA		1156.85		
PRINTED NAME CLIFF MAY (FIELD)				
411	net 6	620.29		
SIGNATURE Coffmanfield	•			
10.11				
alle a				

"off