



Side Two

Operator Name: Raney Oil Company Lease Name: Keas Well # 1  
 Sec. 36 Twp. 9 S R. 20  East  West County: Rooks

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool opened and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach a copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples Set to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run (Submit Copy) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:  <p style="text-align: center;">RAG Correlation/Bond</p>	<input checked="" type="checkbox"/> Log      Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Name</th> <th style="width:40%;">Top</th> <th style="width:30%;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANH</td> <td>1691</td> <td>+561</td> </tr> <tr> <td>BANH</td> <td>1729</td> <td>+523</td> </tr> <tr> <td>Top</td> <td>3244</td> <td>-992</td> </tr> <tr> <td>Heeb</td> <td>3446</td> <td>-1194</td> </tr> <tr> <td>LKC</td> <td>3488</td> <td>-1236</td> </tr> <tr> <td>Arb</td> <td>3780</td> <td>-1528</td> </tr> <tr> <td>TD</td> <td>3859</td> <td>-1607</td> </tr> </tbody> </table>	Name	Top	Datum	ANH	1691	+561	BANH	1729	+523	Top	3244	-992	Heeb	3446	-1194	LKC	3488	-1236	Arb	3780	-1528	TD	3859	-1607
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Arb	3780	-1528																							
TD	3859	-1607																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all string set -conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8		292'	Com	175	3% GC 2% Gel
Production	8 5/8	5 1/2	14	3858	AA-2	170	
					60/40Rz	25	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	Top Bottom			
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3792-94	Steel Carrier	

TUBING RECORD	Size 2 7/8	Set At 3826	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 7/7/00		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbbs. 10	Gas Mcf	Water Bbbs. 480	Gas-Oil Ratio .02
				Gravity 28

Deposition of Gas  Venting  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 3792-94

(If vented, Submit ACO-18.)

# ALLIED CEMENTING CO., INC.

4905

Federal Tax I.D.#

ORIGINAL  
SERVICE POINT: *R*

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

DATE <i>6.13.00</i>	SEC. <i>36</i>	TWP. <i>9S</i>	RANGE <i>20W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Keas</i>	WELL# <i>1</i>	LOCATION <i>Zurich 24W 15 1/2 E</i>		COUNTY <i>ROCK</i>	STATE <i>KS</i>		
OLD OR <i>NEW</i> (Circle one)							

CONTRACTOR *Martin D-19 Rig 8*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *297*

CASING SIZE *6 3/8* DEPTH *290*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG *10.15*

PERFS.

DISPLACEMENT *20# 18 BBL*

EQUIPMENT

*3413*

PUMP TRUCK # *3413* CEMENTER *Dave*

HELPER *Mark*

BULK TRUCK # DRIVER

BULK TRUCK # *291* DRIVER *Glen*

OWNER

CEMENT AMOUNT ORDERED *175 COM 3% CO 0.1%*

COMMON	<i>175</i>	@	<i>6.25</i>	<i>111.25</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>9.50</i>	<i>28.50</i>
CHLORIDE	<i>5</i>	@	<i>28.00</i>	<i>140.00</i>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<i>105</i>	<i>183.75</i>
MILEAGE	<i>44.5</i>	@	<i>1 mile</i>	<i>217.00</i>
TOTAL				<i>160.00</i>

REMARKS:

*Cement Cir*

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<i>470.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>31</i>	@	<i>3.00</i>
PLUG <i>Standard</i>		@	<i>45.00</i>
		@	
		@	

TOTAL *608.00*

CHARGE TO: *Raney Oil Co.*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment

ORIGINAL



**SALES OFFICE:**  
 106 S. Broadway  
 Suite #420  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5788 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 6613  
 Pratt, KS 67124-6613  
 (316) 672-1201  
 (316) 672-5383 FAX

**ACIDIZING - FRACTURING - CEMENTING**

**Invoice**

<b>Bill to:</b>			7350605	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
RANEY OIL COMPANY 3425 TAM O SHANTER LAWRENCE, KS 66047				680	6/27/00	2803	6/19/00
<b>Service Description</b>							
Cement - Production String							
				<b>Lease</b>		<b>Well</b>	
				Hcas		1	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	Robert Wahlmeier	Dave Scott		New Well		Net 30	

<u>ID</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	AA2	SK	170	\$13.56	\$2,305.20
D202	60/40 POZ	SK	25	\$8.00	\$200.00
C196	FLA-322	LB	80	\$7.25	\$580.00
C223	SALT (Fine)	LBS	922	\$0.35	\$322.70
C195	CELLFLAKE	LB	20	\$1.77	\$35.40
C322	GILSONITE	LB	800	\$0.55	\$440.00
C243	DEFOAMER	LB	16	\$2.50	\$40.00
C300	"A" FLUSH	GAL	5	\$20.00	\$100.00
F101	CENTRALIZER, 5 1/2"	EA	5	\$61.00	\$305.00
F161	GUIDE SHOE-REGULAR, 5 1/2"	EA	1	\$115.00	\$115.00
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00
F201	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1	\$81.00	\$81.00
F111	BASKET, 5 1/2"	EA	3	\$152.50	\$457.50
F131	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1	\$50.00	\$50.00
E107	CEMENT SERVICE CHARGE	SK	195	\$1.50	\$292.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	140	\$3.00	\$420.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1274	\$1.25	\$1,592.50
R208	CASING CEMENT PUMPER, 3501-4000'	EA	1	\$1,600.00	\$1,600.00

*PL  
# 2669  
7/24/00*

**Sub Total:** \$8,966.80

**Discount:** \$2,286.23

**Discount Sub Total:** \$6,680.57

**Tax Rate: 5.90%**      **Taxes:** \$0.00

**(1) Taxable Item**      **Total:** \$6,680.57

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

TREATMENT REPORT 02200



Customer ID	Date
Customer Kane Oil Co	6-19-00
Lease	Lease No.
Well #	1
Field Order # 02303	Station Pratt KS
Casing 3 1/2	Depth
County Rock's	State KS

Type Job: Prod String New Well      Formation:      Legal Description: 36-95-20W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 3 1/2	Tubing Size	Show/Ft		Acid 170sk's AA-2		RATE	PRESS 2000	ISIP
Depth 3242 PBD	Depth	From	To	Pre Pad 1.43 <sup>3</sup> 15.0ppg	Max			5 Min.
Volume 43.7	Volume	From	To	Pad 23sk's 60/40ppz	Min			10 Min.
Max Press 2000	Max Press	From	To	Free 43.2 Bbl's SL	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	20 Bbl's A-flush	Hi-IP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: W. Ly Wallmier      Station Manager: Dore Autry      Treasurer: Dave Scott

Service Units	106	35	57	34	70
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0800					Called Out
1300					On loc w/Trk's Safety mtg
					Centl-4-9-56-59Cmt Basket 3-5-9-57-59
					Port Keller 20' top 59th St = 1729'
					Csg on bottom Drop Ball Circ 4/Rig
					Rig up Trk
2418	300		20	6	A-flush
1422	300		5	6	H <sub>2</sub> O Spacer
1425	300		2.1	6	Mix Scavenger Cmt 10sk's
1426	400			6	St mixing Tail Cmt @ 15.0ppg 170sk's
1439	0		43.2	0	finish mixing Cmt
1441			15	5	wash Pump line & head sw Plug
1447	100			6	St Disp 1/2 H <sub>2</sub> O
2459	400		69	6	lifting Cmt
2103	1500		93.7	0	Plug Downsp Test Csg
2105	0				Release Held
					Play R.H. & M.H.
					Good Circ

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		@		
HANDLING		@	<i>10.00</i>	<i>183.75</i>
MILEAGE	<i>42.5</i>	/MILE		<i>217.00</i>
TOTAL				<i>1630.00</i>

EQUIPMENT

*343*

PUMP TRUCK # *343* CEMENTER *Dave* HELPER *Mark*

BULK TRUCK # DRIVER

BULK TRUCK # *291* DRIVER *Glen*

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<b>APB</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
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Depth 3842 PBD	Depth	From	To	Pre Pad 1,437 15.0ppg	Max			5 Min.
Volume 93.7	Volume	From	To	Pad 23stk's 60/40prz	Min			10 Min.
Max Press 2000	Max Press	From	To	Free 43.2 Bbl's SL	Avg			15 Min.
Noel Connection	Annulus Vol.	From	To	20 Bbl's A-flush	H-IP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

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1300					On loc w/Trk's Safety mtg
					Cent-4-9-56-59Cmt Basket 3-5-9-59-59
					Port Celler 20' top 5th Jt = 1929'
					Csg on bottom Drop Ball Circ 4/Rig
					Rig up Trk
2418	300		20	6	A A-flush
1422	300		5	6	H2O Spacer
1425	300		2.1	6	Mix Scavenger Cmt 10stk's
1426	400			6	St mixing Tail Cmt @ 15.0ppg 170stk's
1439	0		43.2	0	finish mixing Cmt
1441			15	5	Wash Pump line & lead Sew Plug
1447	100			6	St Disp 1 1/2 H2O
2459	400		69	6	Lifting Cmt
2103	1500		93.7	0	Plug Downpsi Test Csg
2105	0				Release Held
					Plug R.H. & M.H.
					Good Circ