

CONFIDENTIAL

SIDE TWO

Operator Name Ainsworth Operating Company Lease Name Worcester Well # 1

Sec. 34 Twp. 6S Rge. 22 East West
County Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Name	Formation Description	
	Top	Bottom
Anhydrite	1934' (+353)	1965' (+322)
Topeka	3298' (-1011)	
Heebner	3498' (-1211)	
Toronto	3524' (-1237)	
Lansing	3542' (-1255)	
Muncie Creek	3647' (-1360)	
BKC	3730' (+1443)	
Cong S.S.	3831' (-1544)	
RTD	3845' (-1558)	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings 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"	28#	264'	60-40pozmix	190	3%cc 2%gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>D & A</u>							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) D & A

Production Interval

RELEASED

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL
 CONFIDENTIAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. N. 8957
 Home Office P. O. Box 31 Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
12-4-90	34	6 ^s	22 ^w	3:30 P.M.	6:30 P.M.	8:00 P.M.	8:30 P.M.
Lease	Well No.	Location			County	State	
		H. H. Co. 9N4E1/2N			Wichita	KS	
Contractor				Owner			
H. H. Co.				Ainsworth Operating Co.			
Type Job				To Allied Cementing Co., Inc.			
Set Surface				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D.					
12 1/4"		266'					
Csg.		Depth					
2 7/8"		261'					
Tbg. Size		Depth					
Drill Pipe		Depth					
Tool		Depth					
Cement Left in Csg.		Shoe Joint					
15'							
Prccs Max.		Minimum					
800 #		-					
Meas Line		Displace					
		Y					
Perf.							
EQUIPMENT							
No.	Cementer						
Pumptrk 121	Helper	C. H. H.					
No.	Cementer						
Pumptrk	Helper						
	Driver	J. D.					
Bulktrk # 12							
Bulktrk	Driver						
DEPTH of Job							
Reference:							# 390.00
#1 Pumptrk - surface							
#13 mileage 22.02 mi							
1.276" water plus							
	Sub Total						
	Tax						
	Total						
Remarks: Cementer & Helper to do work							

Charge To	H. H. Co. Drilling Inc.		
Street			
City	State		
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X			
CEMENT			
Amount Ordered	190 cts 6 3/4 bags 2 bags 360 cts		
Consisting of			
Common	STATE COB.		
Poz. Mix			
Gel.	FER 4-4-1991		
Chloride			
Quickset			
Sales Tax			
Handling	at 0.05/ct		
Mileage	0.22 1/2 per mi		
Sub Total			
Total			
Floating Equipment	Thanks		

RELEASED

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

CONFIDENTIAL

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Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. FRONT CONCRETE DIVISION **8963**
 Home Office P. O. Box 31 Russell, Kansas 67665

Date	12-9-90	Sec.	34	Twp.	6 ^s	Range	22 ^w	Called Out	9:00 A.M.	On Location	10:20 A.M.	Job Start	10:30 A.M.	Finish	1:00 P.M.
Lease	1/2 acre	Well No.	1	Location				Hall City 2 N 1/2 E 1/4 W		County	Greene	State	Ks		
Contractor	Abercrombie Drilling							Reg #	4	Owner	Ainsworth Operating Co.				
Type Job	Plug														
Hole Size	2 7/8"		T.D.		3845'										
Csg.	2 7/8"		Depth		264'										
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum		-										
Meas Line			Displace												
Perf.															

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To
 Abercrombie Drilling Co.

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X

CEMENT

Amount Ordered
 190 sks 6 7/8" pipe & 20 gal 3 Ea. C.C.

Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

FEB 14 1991

Handling 1.00/sk.

Mileage 0.24 4/sk./mi.

Sub Total

Total

Floating Equipment
 Thanks

EQUIPMENT

No.	Cementor	
Pumptrk 191	Helper	Henry H.
No.	Cementor	
Pumptrk	Helper	W. J. H.
	Driver	John C.
Bulktrk # 212	Driver	

DEPTH of Job

Reference:	# 3 Pumptrk - plug	\$ 290.00
	# 13 mileage @ 2.03/mi.	
	1.375" deep hole plug	
	Sub Total	
	Tax	
	Total	

Remarks:
 1st plug @ 1950' w/25 sks.
 2nd plug @ 1150' w/107 sks
 3rd plug @ 315' w/40 sks.
 9 7/8" plug @ 40' w/10 sks to surface.
 Plugged out hole w/15 sks.