



Operator Name Lotus Operating Co., LLC Lease Name Helmer Well # 1

Sec. 33 Twp. 25 Rge. 11  East  West  
 County Stafford County, Kansas

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.)  
 List All E.Logs Run:

Name	Top	Datum
Heebner	3351	(-1517)
Brown Lime	3526	(-1692)
Lansing	3557	(-1723)
BKC	3867	(-2033)
Mississippi	3929	(-2095)
Viola	4103	(-2269)
RTD	4190	(-2356)

CASING RECORD <input 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	14-1/2"	10-3/4"	32#	260'	60/40	275	3%cc 2%gel
Production	12-1/4"	5-1/2"	14#	4188'	60/40	175	60sx Latex

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<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
2	4113' - 4123'	2000 GA 15% MA	4113-4123
1	3939' - 3969'	2000 GA 15% MA	3939-3969
Bridge Plug	4100'		

TUBING RECORD Size 2" Set At 4090' Packer At None Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. January 12, 2000 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 3 Bbls. Gas 5 Mcf Water 20 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACD-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval 3939' - 3969'



**SERVICE TICKET**  
**UNITED CEMENTING & ACID CO., INC.**

**ORIGINAL** No. **1307**

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 12-22-99 COUNTY Stafford  
 CHG. TO: Latus Operating Co, LLC ADDRESS 100 S. Main Suite #520  
 CITY Wichita STATE Kansas ZIP 6702  
 LEASE & WELL NO. Nadman #7 SEC. 23 TWP. 25 RNG. 11W  
 CONTRACTOR Duke Dily Rig #7 TIME ON LOCATION 5:30 A  
 KIND OF JOB ~~Production Case~~  
 SERVICE CHARGE: 4216' NW 960.80

QUANTITY	MATERIAL USED	TYPE	PRICE	TOTAL
1400ft	60/40 pipe		@ 4.55	637.00*
600ft	60/40 Latex		@ 16.15	969.00*
400	Cable		@ 9.00	36.00*
1ea	5 1/2 Regular Guide Shoe			85.50*
1ea	5 1/2 A.F.U. Insect			105.00*
5ea	5 1/2 Centralizers		@ 29.00	145.00*
204ft	BULK CHARGE		@ .87	177.48*
50	BULK TRK. MILES 10.25 ton x .65			333.12*
	PUMP TRK. MILES			
				FEB 08 2000
1ea	PLUGS 5 1/2 Top Rubber			50.00*
	SALES TAX			149.75
	TOTAL			3048.105 <del>3048.65</del>

T.D. 4216 CSG. SET AT 4214 VOLUME \_\_\_\_\_  
 SIZE HOLE 7 7/8 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. 1100 SIZE PIPE 5 1/2 U and 14+15#  
 PLUG DEPTH 4191 PKER DEPTH \_\_\_\_\_  
 PLUG USED Top Rubber TIME FINISHED 12:30 P

REMARKS: Ran 5 1/2 Cgs to 4216' Amp Ball - Pump Ball through + Circulate - Pull casing to 4214' - Plug bot hole 15' - Move hole 10' - Use 5 1/2 Met. + Pump 9'5' of 60/40 pipe 2'6" followed by 60' of 60/40 Latex - Wash out Pump & Line - Release Plug + Wire - Start Displacement - Plug @ 2427' Lead Slurry @ Shank 200# Plug @ 2805' Start Left PST 450# - Plug @ 3594' Tail Slurry @ Shank - Plug @ 4090' Final Disp PST 650# - Bump Plug to 1100# - Top Plug @ 4191' - Release EQUIPMENT USED PST - AFU. 4' old

NAME Chet Johnson UNIT NO. \_\_\_\_\_ NAME Ron Pitts UNIT NO. \_\_\_\_\_

[Signature] CEMENTER OR TREATER [Signature] OWNER'S REP.