



Operator Name Huffman Corporation Lease Name Reynolds Well # 1

Sec. 28 Twp. 32S Rge. 18  East  West

County Comanche 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: CNL-CDL, DIL, MICRO, SONIC

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 SEE ATTACHED

RELEASED  
 MAR 28 2001  
 FROM CONFIDENTIAL

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
Conductor		20"		66'			
Surface	12-1/4"	8-5/8"	24#	678'	Lite&ClassA	225 250	3%cc
Production	7-7/8"	5-1/2"	15.5#	5863'	ASC	225	5# Kol-Seal

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	5175-5185
		3000 gal 20% gel	
		acid.	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	5148	5148	
Date of First, Resumed Production, SWD or Inj.		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
6-25-99					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5	600	15		

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

15-033-21012-00 ORIGINAL

HUMMON CORPORATION

ACO - 1 Attachment

CONFIDENTIAL

Lease: REYNOLDS #1  
Spot: SE SW NE  
County: COMANCHE  
Contractor: DUKE DRILLING #7  
Geologist: ARDEN RATZLAFF

Prospect: NESCATUNGA  
Section: 28-T32S-R18W  
State: KANSAS

Elevation: G.L.= 2080'  
K.B.= 2093

API # 15-033-210120000

KCC  
JUL 15 1999  
CONFIDENTIAL

Tops	E- Log			
Heebner	4318	-2225		
Brown Lime	4498	-2405		
Lansing	4516	-2423		
Drum Lime	4710	-2617		
Base / KC	4922	-2829		
Altamont	5034	-2941		
Pawnee	5076	-2983		
Cherokee Shale	5122	-3029		
Mississippi	5172	-3079		
Viola	5691	-3598		

DST #1 Drum, (4701-4731) 30-45-30-45. 1st open, fair blow off bottom of bucket in 23 minutes. 2nd open, weak to fair 10 inch blow. Rec. 440' MW. IHP 2234, IFP #28, FFP #166, ISIP #1679, FSIP #1672, FHP #2228, BHT 123 degrees.

DST #2 Altamont & Pawnee (5027 - 5096) 30-60-90-120. 1st open, Strong Blow off btm of bucket in 5 1/2 min. 2nd open, Strong Blow off btm of bucket in 2 seconds. GTS 50 minutes into FFP. Gauge 7.12 Mcf and stabilized. Recovered 130' of Drlg mud. IHP 2393, IFP 35-50, FFP 67-87, SIP 1664-1757, FHP 2396 BHT 121 degrees

DST #3 Mississippi Spergen (5148 - 5205) 30-60-60-90. 1st open, GTS in 3", Gauge 398 Mcf in 5 min., 473 Mcf in 10 min., 497 Mcf in 20 min., 473 Mcf in 30 min. 2nd open, GTS, Gauge 487 Mcf in 10 min., 487 Mcf in 20 min., 473 Mcf in 30 min., 449 Mcf in 40 min., 424 Mcf in 50 min., 424 Mcf in 60 min. Rec.: 70' of mud, 120 of watery mud (14% water) chlorides 14000 ppm. IHP 2526, IFP 185-128, FFP 248-131 SIP 1670 - 1670, BHT 124.

DST #4 Mississippi Warsaw (5209-5245) 30-45-pull tool. 1st open, No blow - Hose on manifold plugged, flush tool, had weak surface blow. Rec.: 70' VSGCM. IHP 2529, IFP 24-41, ISIP 1572, FHP 2513, BHT N/A.

DST #5 Viola (5686-5696) 1st open GTS less than 2 min. Had to shut in tool because of leaking line from manifold. Bled down and replaced line. Open tool, GTS less than 2 min. gauge 6,732 MCF, Mud to surface in 7 min. Shut in. Decision not to run 2nd open. Test time was 7-60. Rec.: 300' SGCM 10% gas, show of condensate, 12,000 PPM, HP: 2731-2731, IFP 2308-1804, FFP not recorded, SIP 1804-not recorded. BHT not recorded.

DST #6 Viola (5717-5730) 30-60-60-90. 1st open, weak building blow built to the bottom of a 5 gallon bucket in 8 minutes. 2nd open, weak building blow built to the bottom of a 5 gallon bucket in 32 minutes. Recovered 150' slightly muddy water, 400' salt water, 500' slightly gassy salt water. Chlorides 92,000 ppm IFP 195-284#, FFP 335-520#, ISIP 2032#, FSIP 2032#, BHT 139 degree.

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

JUL 19 1999

CONSERVATION DIVISION  
Wichita Kansas

# ALLIED CEMENTING CO., INC.

2013

# ORIGINAL

Federal Tax I.D.#

15-033-21012-00-00

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

## CONFIDENTIAL

SERVICE POINT:

med. Lodge, ks.

DATE <u>5-11-99</u>	SEC. <u>28</u>	TWP. <u>32</u>	RANGE <u>18</u>	CALLED OUT <u>10:30 A.M.</u>	ON LOCATION <u>1:30 P.M.</u>	JOB START <u>4:00 P.M.</u>	JOB FINISH <u>8:30 P.M.</u>
LEASE <u>Reynolds</u>		WELL # <u>1</u>	LOCATION <u>Coldwater Airport, 3/4 S</u>		COUNTY <u>Comanche</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)			n/s				

### KCC

JUL 15 1999

## CONFIDENTIAL

CONTRACTOR Duke Drilg.  
 TYPE OF JOB Surface Csg.  
 HOLE SIZE 12 1/4 T.D. 680'  
 CASING SIZE 8 5/8 x 24 DEPTH 679'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 250 MINIMUM 100  
 MEAS. LINE SHOE JOINT 41.94  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT 4 1/4 BWS Fresh H<sub>2</sub>O  
 EQUIPMENT

OWNER Hummon Corp.

CEMENT  
 AMOUNT ORDERED 2255XS. litewate  
3%CC + 1/4 # FLO SEAL 2000XS. CLASS A  
3%CC + 2%GEL, 500XS. CLASS A + 3%CC

COMMON A	250	@	6.35	1587.50
POZMIX		@		
GEL	4	@	9.50	38.00
CHLORIDE	16	@	28.00	448.00
CETE	225	@	5.55	1248.75
FLO-SEAL	56#	@	1.15	64.40
		@		
		@		
HANDLING	475	@	1.05	498.75
MILEAGE	475 x 35		.04	665.00

TOTAL \$4550.40

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MAR 28 2001

### REMARKS:

### SERVICE

mix + Pump 2255XS. litewate  
3%CC + 1/4 # FLO-SEAL 1000XS. CLASS A  
3%CC + 2%GEL. Release Plug Pump  
+ Displace Plug w/ 4 1/4 BWS Fresh H<sub>2</sub>O  
Did not Circ. Cement. Did not Bump Plug  
1000XS. CLASS A + 3%CC + 2%GEL. 500XS. CLASS A  
3%CC. Brought Cement to Surface

DEPTH OF JOB	679'			
PUMP TRUCK CHARGE	0-300'			470.00
EXTRA FOOTAGE	379'	@	.43	162.97
MILEAGE	35	@	2.85	99.75
PLUG WOOD-CUP	8 1/2"	@	45.00	45.00
		@		
		@		

FROM CONFIDENTIAL

TOTAL \$777.72

CHARGE TO: Hummon Corp  
 STREET 950 N. TYLER  
 CITY WICHITA STATE KANSAS ZIP 67212

### FLOAT EQUIPMENT

1- Baffle Plate	@	45.00	45.00
1- Basket	@	150.00	150.00
1- Centralizer	@	30.00	30.00
	@		
	@		

TOTAL \$225.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \$5553.12 RECEIVED  
 DISCOUNT 1110.62 STATE CORPORATION COMMISSION  
 NET # 4442.50 IF PAID IN 30 DAYS

SIGNATURE X Kenneth McGuire

X KENNETH MCGUIRE  
 PRINTED NAME CONSERVATION DIVISION  
 Wichita, Kansas

JUL 19 1999

# ALLIED CEMENTING CO., INC. 1893

ORIGINAL

Federal Tax I.D.#

15-033-21012-00-00

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

SERVICE POINT:

Medicine Lodge

**CONFIDENTIAL**

KCC

JUL 15 1999

**CONFIDENTIAL**

DATE <u>5-25-99</u>	SEC.	TWP.	RANGE	CALLED OUT <u>7:00 pm</u>	ON LOCATION <u>8:40 pm</u>	JOB START <u>3:15</u>	JOB FINISH <u>4:45 Am</u>
LEASEE <u>Reynolds</u>	WELL # <u>1</u>	LOCATION <u>Coldwater Airport Rd.</u>			COUNTY <u>Comanche</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>2 1/2" up into</u>			

CONTRACTOR Duke Rig #17 OWNER Hummon Corp.

TYPE OF JOB Production

HOLE SIZE 7 1/2" T.D. 5875

CASING SIZE 5 1/2 x 15.5 DEPTH 5852

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1200 MINIMUM

MEAS. LINE SHOE JOINT 41

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 142 88ls freshwater

**EQUIPMENT**

PUMP TRUCK CEMENTER Carl Bolding

# 261-265 HELPER Stane Winsor

BULK TRUCK

# 240-250 DRIVER Mark Brownard

BULK TRUCK

# DRIVER Kevin Brownard

CEMENT  
AMOUNT ORDERED 25 sx 60:40:6 +  
225 sx ASC + 5 # Kol-seal + 4 # Flo-seal per sack.  
500 Gal mud-clean.

COMMON 15 @ 6.35 95.25

POZMIX 10 @ 3.25 32.50

GEL 1 @ 9.50 9.50

CHLORIDE @

ASC 225 @ 8.20 1845.00

KOL-SEAL 1125# @ .38 427.50

FLO-SEAL 56# @ 1.15 64.40

@

@

HANDLING 250 @ 1.05 262.50

MILEAGE 250 x 35 @ .04 350.00

TOTAL # 3086.65

**REMARKS:**

**SERVICE**

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

Tip on bottom break circulation pump 80 88ls  
mud with 40 S scf per 88ls. pump 388ls freshwater  
+ 500 Gal mud-clean, plug RA + mouse hole w/25 sx  
60:40:6 pump 688ls freshwater + 225 sx  
ASC + 5 # Kol-seal + 4 # flo-seal cement in stop arms  
with valves wash pump + line switch valves +  
Release plug displace with 142 88ls freshwater  
pump plug + float held.

DEPTH OF JOB 5852'

PUMP TRUCK CHARGE 1378.00

EXTRA FOOTAGE 35 @ 2.85 99.75

MILEAGE @

PLUG rubber 5 1/2" @ 50.00 50.00

@

@

TOTAL # 1527.75

CHARGE TO: Hummon Corp.

STREET 950 N. TYLER

CITY WICHITA STATE KANSAS ZIP 67212

**FLOAT EQUIPMENT**

1- Regular Guide shoe @ 110.00 110.00

1- API Float collar @ 250.00 250.00

1- Stop Ring @ 20.00 20.00

14- Centralizers @ 25.00 350.00

1- thread lock kit @ 23.00 23.00

TOTAL # 753.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE # 5367.40

DISCOUNT 1073.48

RECEIVED  
STATE CORPORATION COMMISSION  
IF PAID IN 30 DAYS

Harry Spry # 4293.92

JUL 19 1999

SIGNATURE

PRINTED NAME

CONSERVATION DIVISION  
Wichita, Kansas