

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15 - 129-21682 <sup>0000</sup> ORIGINAL  
County Morton  
- SE - SE - SE Sec. 5 Twp. 33 Rge. 42 X W  
E

Operator: License # 32971 **CONFIDENTIAL**

Name: Dominion Oklahoma Texas E&P, Inc.

Address: Suite 600

14000 Quail Springs Parkway

City/State/Zip Oklahoma City, OK 73134

Purchaser: El Paso Natural Gas

Operator Contact Person: Lenora Sawyer

Phone (405) 748-2725

Contractor: Name Cheyenne Drilling **KCC**

License: 5382 **NOV 21 2002**

Wellsite Geologist: NA **CONFIDENTIAL**

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl. Cathodic, etc.)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. To Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

8/23/02 8/31/02 11/14/02  
Spud Date Date Reached TD Completion Date

330' Feet from  S / N (circle one) Line of Section

330' Feet from  E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE  SE NW or SW (circle one)

Lease Name Blout Well # 6-5

Field Name Mustang East

Producing Formation Morrow

Elevation: Ground 3514' KB 3524'

Total Depth 5020' PBTB 4674'

Amount of Surface Pipe Set and Cemented at 1380' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt

Drilling Fluid Management Plan All in 11-29-02  
(Data must be collected from the Reserve Pit)

Chloride content 2200 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp \_\_\_\_\_ S Rng. \_\_\_\_\_ E / W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CD-4 form with all plugged wells. Submit CP-111 with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

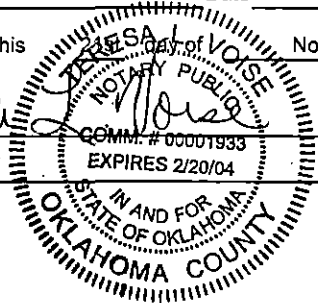
Signature Lenora Sawyer

Title Regulatory Specialist Date 11/21/02

Subscribed and sworn to before me this 20 02 11 November

Notary Public Jessie Moore

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY	
F	<input checked="" type="checkbox"/> Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/> Wireline Log Received
C	<input checked="" type="checkbox"/> Geologist Report Received
KCC	<input type="checkbox"/> SWD/Rep
KGS	<input type="checkbox"/> Plug
Distribution Release	
DEC 15 2003	
From _____	

**Confidential**

Operator Name Dominion Oklahoma Texts E&P, Inc.

Lease Name Blout Well # 6-5

Sec. 5 Twp. 33 Rge. 42  
 East  
 West

County Morton

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  Log Formation (Top), Depth and Datum  Sample  
 (Attach Additional Sheets.) Name Top Datum

Samples Sent to Geological Survey  Yes  No See attached Driller's Log

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run: Compensated Z-Densilog - CNL - Minolog - GR  
 High Definition Induction Log - GR  
 Cement Bond Log

CASING RECORD

New  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"	24#	1380'	35/65 Poz "C"	450	6% D20+2% Si+ 1/4# D29
					Class "C"	150	2% S1+1/4# D29
Production	7-7/8"	5-1/2"	15.5#	4721'	Prem Plus	100	3% KCl+1/8# flocele
					50/50 Poz "H"	200	0.6% Halad, 10% salt+4% EA-2+1/8# flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

PERFORATION RECORD - Bridge Plugs Set/Type  
Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record  
(Amount and Kind of Materials Used) Depth

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 Materials Used)	Depth
6 spf	4550-4559'		

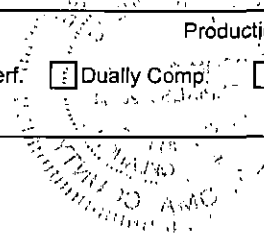
TUBING RECORD Size 2-3/8" Set At 4473' Packer At 4473' Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 11/7/02 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 0 Bbls Gas 1923 Mcf Water 0 Bbls Gas-Oil Ratio NA Gravity NA

Disposition of Gas: METHOD OF COMPLETION

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If Vented, submit ACO-18.)  Other (Specify)



CONFIDENTIAL

DRILLER'S LOG

ORIGINAL

DOMINION EXPLORATION & PRODUCTION  
BLOUT 6-5  
SECTION 6-T33S-R42W  
MORTON COUNTY, KANSAS

KCC

NOV 21 2002

COMMENCED: 08-23-02  
COMPLETED: 09-02-02

CONFIDENTIAL

SURFACE CASING: 1380' OF 8 5/8" CMTD  
W/450 SKS 35:65 POZ CLASS C + 6% 020 +  
2% SI + 1/4#/SK D29. TAILED W/150 SKS 2%  
CLASS C + 2% SI + 1/4#/SK D29.

FORMATION

DEPTH

FORMATION	DEPTH
SURFACE HOLE	0 - 1385
SHALE	1385 - 1459
PERMIAN & STONE CORRAL	1459 - 2070
LIMESTONE & SHALE	2070 - 2735
CHASE	2735 - 2930
COUNCIL GROVE	2930 - 3030
LIMESTONE & SHALE	3030 - 3555
LANSING	3555 - 3651
LIMESTONE & SHALE	3651 - 4020
MARMATON	4020 - 4110
LIMESTONE & SHALE	4110 - 4315
ATOKA	4315 - 4330
13 FINGERS LIMESTONE	4330 - 4415
MORROW	4415 - 4500
LIMESTONE & SHALE	4500 - 4585
MORROW	4585 - 4733
LIMESTONE & SHALE	4733 - 5015 LTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 3RD DAY OF SEPTEMBER, 2002

JOLENE K. RUSSELL

NOTARY PUBLIC



Release  
DEC 10 2003  
From  
Confidential

Company: Dominion Exploration & Production Inc.  
 Well: Blout # 6-5  
 Location: Morton County, Kansas  
 Sec. 5, T33S-R42W

Laboratory: STIM-LAB  
 Date: 2/27/03  
 File: 6472

### ROUTINE CORE ANALYSIS

Sample I.D.	Depth feet	Helium Porosity %	Permeability (800psi)		Fluid Saturations				Grain * Density g/cm	Lithology	Fluorescence
			Air md	Klinkenberg md	Oil	Water	Oil	Gas			
					% Pore Volume	% Bulk Volume	% Bulk Volume	% Bulk Volume			
1	4547.0	18.7	14.4	12.3	7.4	32.1	1.4	11.9	2.58	Sd vf-vcg slty sshy cem	vft
2	4548.0	19.3	184	138	1.2	25.8	0.2	12.7	2.62	Sd fg-vcg ssly sshy wcem	y-w
3	4549.0	21.2	449	314	4.9	14.3	0.9	15.6	2.62	Sd vfg-vcg slty sshy wcem	y-w vft
4	4550.0	21.7	668	473	1.1	38.8	0.2	12.6	2.62	Sd f-vcg vssly vsshy mcem	spt y
5	4550.8	19.5	224	158	6.3	18.6	1.1	13.5	2.62	Sd vf-vcg vssly sshy cem	spt y
6	4551.6	20.7	1497	997	5.7	32.9	0.9	9.6	2.62	Sd f-vcg ssly sshy mcem	spt y-w
7	4552.2	17.8	11.2	9.56	4.0	10.5	0.7	15.1	2.65	Sd vf-vcg slty sshy lam(4) wcem	ev y
8	4553.5	18.0	214	151	1.3	7.4	0.2	16.4	2.64	Sd vf-vcg slty sshy lam(2) wcem	ev y
9	4554.0	15.4	5.66	4.67	15.0	19.2	2.4	10.7	2.62	Sd vf-cg ssly shy lam(2) cem	ev y-w
10	4556.0	14.0	74.5	56.8	2.4	12.4	0.2	7.5	2.63	Sd f-vcg vssly shy wcem	spt y
11	4556.1	6.2	0.540	0.459	12.9	31.0	0.7	2.8	2.69	Sd f-cg ssly shy wcem	ev y-w

\* Need to verify

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Release  
 DEC 13 2003  
 From  
 Confidential

02/28/2003 17:46 5802526979 STIM-LAB PAGE 02

Customer <b>CHEYENNE DRILLING</b>						Job Number <b>2205440485</b>				
Well <b>BLOUT 6-5</b>			Location (legal) <b>5-33S-42W</b>			Schlumberger Location <b>Ulysses, KS</b>			Job Start <b>2002-Aug-24</b>	
Field		Formation Name/Type			Deviation		Bit Size in	Well MD 1,385 ft	Well TVD 1,385 ft	
County <b>MORNTON</b>		State/Province <b>KS</b>			BHP psi	BHST °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: <b>0630431677</b>		API / UWI:			Casing/Liner					
Rig Name <b>Cheyenne Rig</b>		Drilled For <b>Gas</b>		Service Via <b>Land</b>		Depth, ft <b>1395</b>	Size, in <b>8.63</b>	Weight, lb/ft <b>24</b>	Grade <b>K55</b>	Thread <b>EXL</b>
Offshore Zone		Well Class <b>New</b>		Well Type <b>Development</b>		Tubing/Drill Pipe				
Drilling Fluid Type <b>Other</b>		Max. Density <b>9.4 lb/gal</b>		Plastic Vi: cp <b>34</b>		Depth,	Size, in	Weight, lb/ft	Grade	Thread
Service Line <b>Cementing</b>		Job Type <b>Cem Surface Casing</b>				Perforations/Open Hole				
Max. Allowed Tubing Pressure psi		Max. Allowed Ann. Pressure psi		WellHead Connection <b>8 5/8</b>		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
Service Instructions <b>Safely Cement Surface Casing per customers request.</b>						Treat Down Casing	Displacement <b>85.9 bbl</b>	Packer Type	Packer Depth ft	
<b>KCC</b> <b>NOV 21 2002</b> <b>CONFIDENTIAL</b>						Tubing Vol. bbl	Casing Vol. <b>89 bbl</b>	Annular Vol. <b>78 bbl</b>	OpenHole Vol bbl	
						Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>				
Lift Pressure: <b>573 psi</b>						Shoe Type: <b>Other</b>		Squeeze Type		
Pipe Rotated <input type="checkbox"/>						Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: <b>1380 ft</b>		Tool Type:
No. Centralizers: <b>4</b>		Top Plugs: <b>1</b>		Bottom Plugs:		Stage Tool Type:		Tool Depth: ft		
Cement Head Type:						Stage Tool Depth: ft		Tall Pipe Size: in		
Job Scheduled For:		Arrived on Location: <b>2002-Aug-24 9:00</b>		Leave Location: <b>2002-Aug-24 14:30</b>		Collar Type: <b>Auto-Fill</b>		Tall Pipe Depth: ft		
						Collar Depth: <b>1348.28 ft</b>		Sqz Total Vol: bbl		
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2002-Aug-24	12:34	-15	0.0	8.30	0.0	0	0	0		
2002-Aug-24	12:34								Pressure Test Lines	
2002-Aug-24	12:34	-19	0.0	8.29	0.0	0	0	0		
2002-Aug-24	12:35	1528	0.2	8.28	0.3	0	0	0		
2002-Aug-24	12:36	1313	0.0	8.27	0.3	0	0	0		
2002-Aug-24	12:36								Bleed Off Pressure	
2002-Aug-24	12:36								Start Pumping Spacer	
2002-Aug-24	12:36	823	0.0	8.27	0.3	0	0	0		
2002-Aug-24	12:36								Reset Total, Vol = 0.28 bbl	
2002-Aug-24	12:36	40	0.0	8.27	0.3	0	0	0		
2002-Aug-24	12:36	17	0.0	8.27	0.0	0	0	0		
2002-Aug-24	12:37	40	0.5	8.27	0.0	0	0	0		
2002-Aug-24	12:37	114	6.6	8.38	4.9	0	0	0		
2002-Aug-24	12:38	81	5.9	8.34	9.5	0	0	0		
2002-Aug-24	12:39	63	6.4	8.32	14.6	0	0	0		
2002-Aug-24	12:40								Reset Total, Vol = 17.61 bbl	
2002-Aug-24	12:40	100	6.4	8.38	17.6	0	0	0		
2002-Aug-24	12:40								Start Mixing Lead Slurry	
2002-Aug-24	12:40	59	6.4	8.47	0.1	0	0	0		
2002-Aug-24	12:40	155	6.4	12.39	2.3	0	0	0		
2002-Aug-24	12:41	155	6.4	12.11	7.6	0	0	0		
2002-Aug-24	12:42	146	6.4	12.11	13.0	0	0	0		

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**DEC 10 2003**  
**From**  
**Confidential**

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Well BLOUT #8-5	Field	Service Date 02236-Aug-24	Customer CHEYENNE DRILLING	Job Number 2205440485
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Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbl	0	0	0	
2002-Aug-24	12:42	178	7.0	12.31	18.6	0	0	0	<b>ORIGINAL</b>
2002-Aug-24	12:43	178	7.0	12.48	24.4	0	0	0	
2002-Aug-24	12:44	164	7.0	12.24	30.2	0	0	0	
2002-Aug-24	12:45	191	7.1	12.43	36.1	0	0	0	
2002-Aug-24	12:46	168	7.1	12.27	42.0	0	0	0	
2002-Aug-24	12:47	182	7.1	12.40	48.0	0	0	0	
2002-Aug-24	12:47	168	7.2	12.19	54.0	0	0	0	
2002-Aug-24	12:48	187	7.2	12.18	60.0	0	0	0	
2002-Aug-24	12:49	173	7.2	11.98	66.0	0	0	0	
2002-Aug-24	12:50	182	7.2	12.24	72.0	0	0	0	
2002-Aug-24	12:51	205	7.2	12.64	78.0	0	0	0	
2002-Aug-24	12:52	182	7.2	11.81	84.0	0	0	0	
2002-Aug-24	12:52	187	7.2	12.27	89.9	0	0	0	
2002-Aug-24	12:53	155	7.2	12.21	95.8	0	0	0	
2002-Aug-24	12:54	150	6.0	12.18	101.5	0	0	0	
2002-Aug-24	12:55	205	8.1	12.85	107.1	0	0	0	
2002-Aug-24	12:56	223	8.1	12.92	113.8	0	0	0	
2002-Aug-24	12:57	237	8.1	12.27	120.6	0	0	0	
2002-Aug-24	12:57	246	8.1	12.31	127.3	0	0	0	
2002-Aug-24	12:58	228	8.1	12.60	134.2	0	0	0	
2002-Aug-24	12:59	228	8.1	13.11	141.0	0	0	0	
2002-Aug-24	13:00	228	8.1	12.46	147.7	0	0	0	
2002-Aug-24	13:01	246	8.1	12.83	154.4	0	0	0	
2002-Aug-24	13:02	219	8.1	12.28	161.2	0	0	0	
2002-Aug-24	13:03	219	8.1	12.23	167.9	0	0	0	
2002-Aug-24	13:03	228	8.1	13.17	174.7	0	0	0	
2002-Aug-24	13:04								End Lead Slurry
2002-Aug-24	13:04	164	5.5	12.95	177.1	0	0	0	
2002-Aug-24	13:04								Start Mixing Tail Slurry
2002-Aug-24	13:04	155	5.5	12.92	177.2	0	0	0	
2002-Aug-24	13:04	136	5.4	12.87	177.4	0	0	0	
2002-Aug-24	13:04								Reset Total, Vol = 177.41 bbl
2002-Aug-24	13:04	63	3.8	13.23	1.9	0	0	0	
2002-Aug-24	13:05	187	6.2	14.61	5.5	0	0	0	
2002-Aug-24	13:06	164	5.4	14.63	10.5	0	0	0	
2002-Aug-24	13:07	228	6.6	14.87	15.7	0	0	0	
2002-Aug-24	13:08	233	6.6	14.86	21.1	0	0	0	
2002-Aug-24	13:08	228	6.5	14.79	26.6	0	0	0	
2002-Aug-24	13:09	228	6.5	14.88	32.0	0	0	0	
2002-Aug-24	13:10	86	0.0	14.17	36.8	0	0	0	
2002-Aug-24	13:11	-15	0.0	14.11	36.8	0	0	0	
2002-Aug-24	13:12	150	3.8	10.38	37.9	0	0	0	
2002-Aug-24	13:13	164	4.8	10.16	41.7	0	0	0	
2002-Aug-24	13:13	173	4.8	10.35	45.7	0	0	0	
2002-Aug-24	13:14	274	5.9	10.54	50.2	0	0	0	
2002-Aug-24	13:15	283	5.9	10.34	55.1	0	0	0	
2002-Aug-24	13:16	-10	0.0	9.96	59.8	0	0	0	
2002-Aug-24	13:16	-10	0.0	9.92	59.8	0	0	0	
2002-Aug-24	13:16								Start Displacement
2002-Aug-24	13:17	-5	0.0	9.92	59.8	0	0	0	
2002-Aug-24	13:17								Reset Total, Vol = 59.77 bbl
2002-Aug-24	13:17	68	3.1	9.87	0.1	0	0	0	
2002-Aug-24	13:18	136	6.5	9.60	5.1	0	0	0	
2002-Aug-24	13:18	59	5.9	8.32	10.4	0	0	0	

KCC  
NOV 21 2002

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End Lead Slurry

Start Mixing Tail Slurry

Reset Total, Vol = 177.41 bbl

Release  
DEC 10 2003  
From  
Confidential

**CONFIDENTIAL**

Well		Service Date				Customer			Job Number
BEOU 1#3		02236-Aug-24				CHEYENNE DRILLING			2205440485
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0	
2002-Aug-24	13:19	77	5.9	8.59	15.3	0	0	0	<b>ORIGINAL</b>
2002-Aug-24	13:20	72	5.9	8.31	20.2	0	0	0	
2002-Aug-24	13:21	68	5.9	8.37	25.1	0	0	0	
2002-Aug-24	13:22	68	5.9	8.31	30.1	0	0	0	
2002-Aug-24	13:23	109	5.9	8.30	35.0	0	0	0	
2002-Aug-24	13:23	132	5.9	8.30	39.9	0	0	0	
2002-Aug-24	13:24	146	5.9	8.30	44.8	0	0	0	
2002-Aug-24	13:25	155	5.9	8.30	49.7	0	0	0	
2002-Aug-24	13:26	205	6.4	8.30	55.0	0	0	0	
2002-Aug-24	13:27	246	6.4	8.30	60.4	0	0	0	
2002-Aug-24	13:28	274	6.4	8.30	65.7	0	0	0	
2002-Aug-24	13:28	315	6.4	8.30	71.0	0	0	0	
2002-Aug-24	13:29	269	3.3	8.30	75.8	0	0	0	
2002-Aug-24	13:30	301	3.3	8.30	78.5	0	0	0	
2002-Aug-24	13:31	310	3.1	8.30	81.2	0	0	0	
2002-Aug-24	13:32	974	0.0	8.30	83.4	0	0	0	
2002-Aug-24	13:32	1308	0.0	8.30	83.5	0	0	0	
2002-Aug-24	13:32								End Displacement
2002-Aug-24	13:32	1308	0.0	8.30	83.5	0	0	0	
2002-Aug-24	13:32								Stop Pumping
2002-Aug-24	13:32								Shutdown
2002-Aug-24	13:32	1308	0.0	8.30	83.5	0	0	0	
2002-Aug-24	13:33	1308	0.0	8.33	83.5	0	0	0	
2002-Aug-24	13:33	1308	0.0	8.33	83.5	0	0	0	
2002-Aug-24	13:33								Bleed Off Pressure
2002-Aug-24	13:33	-19	0.0	8.33	83.5	0	0	0	
2002-Aug-24	13:34	-19	0.0	8.33	83.5	0	0	0	

**Post Job Summary**

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6.4			7.9	209		10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Volume	Density		
320	1300	185	1300		bbf	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume - .20 - bbl			
%	bbf	85.9 bbl	°F	<input type="checkbox"/> Washed Thru Perfs To ft			
Customer or Authorized Representative		Schlumberger Supervisor		<input type="checkbox"/> Circulation Lost		<input type="checkbox"/> Job Completed	
Mike, Colantonio,		Strano, Douglas					

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<b>HALLIBURTON JOB LOG</b>			NOV 21 2002	TICKET # 2017937	TICKET DATE 09/01/02
REGION Central Operations		MWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks	COUNTY MORTON
MBU ID / EMPL # MCLIO103 106304		H.E.S. EMPLOYEE NAME TYCE DAVIS		PSL DEPARTMENT CEMENT	
LOCATION LIBERAL		COMPANY DOMINION EXPLORATION & PRO		CUSTOMER REP / PHONE DARRELL TOEWS 405-206-6742	
TICKET AMOUNT \$7,768.87		WELL TYPE 02		API/WVI # 15-129-21662	
WELL LOCATION LAND N ELKHART		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME BLOUT	Well No. 6-5	SEC / TWP / RNG 5-33S-42W		HES FACILITY (CLOSEST TO WELL S) LIBERAL KS	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Davis, T 106304	5.5						
King, K 105942	5.5						
Marquez, J,A 260446	5.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Job Description / Remarks
				N2	CSG	Tbg	
	1630						CALLED OUT FOR JOB
	1930						ON LOCATION RIG CREW EATING
	2000						START CASING AND FE
	2154						CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	2200						BREAK CIRC W/RIG
	2201						CIRC TO PIT
	2255						THRU CIRC HOOK LINES TO PT
	2259						PSI TEST LINES
	2300	6.0	12.0		200		PUMP MUD FLUSH
	2302		14.0				SHUT DOWN AND PLUG RAT AND MOUSE HOLES
	2309	6.0	55.0		100		PUMP 100 SX P+MC AT 11.3#
	2320	6.0	44.0		150		PUMP 200SX P 50/50 AT 14.7#
	2326						SHUT DOWN DROP PLUG AND WASH UP
	2329	6.0	111.0		80		PUMP DISPLACEMENT
	2341	6.0	111.0		80-250		83 BBLs IN LIFT CEMENT
	2343	2.0	111.0		500		101 BBLs IN SLOW RATE
	2350	2.0	111.0		700-1200		LAND PLUG
	2351		111.0		1200-0		RELEASE FLOAT ——— HELD
	0000						JOB OVER

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