

ORIGINAL KCC

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

API NO. 15 - 129-21681 - 0000

Operator: License # 32971  
Name: Dominion Oklahoma Texas E&P, Inc.  
Address: Suite 600  
14000 Quail Springs Parkway

City/State/Zip Oklahoma City, OK 73134

Purchaser:

Operator Contact Person: Lenora Sawyer

Phone (405) 748-2725

Contractor: Name Cheyenne Drilling Company

License: 5382

Wellsite Geologist: NA

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp Aband.  
 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.

6/20/02 6/28/02 6/29/02  
Spud Date Date Reached TD Plugged & Abandoned

County Morton  
W2 - NW - SW - SE Sec. 5 Twp. 33S Rge. 42 E  
1950' FSL Feet from S / N (circle one) Line of Section  
685' FWL 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 # 4-5R

Field Name Mustang East

Producing Formation NA

Elevation: Ground 3530.5' KB

Total Depth 5100' PBTB

Amount of Surface Pipe Set and Cemented at 1374' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) P-4 REC/EN 7-19-02

Chloride content 1500 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 compiled with and the statements herein are complete and correct to the best of my knowledge.

Signature Lenora Sawyer  
Title Regulatory Specialist Date 7/8/02

Subscribed and sworn to before me this 8th day of July 2002

Notary Public  
Date Commission Expires



K.C.C. OFFICE USE ONLY  
F YES Letter of Confidentiality Attached  
C YES Wireline Log Received  
C NO Geologist Report Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)

Operator Name Dominion Oklahoma Texs E&P, Inc.

Lease Name Blout Well # 4-5R

Sec. 5 Twp. 33S 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

Cores Taken  Yes  No See Attached Sheet

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:

High Definition Induction Log - GR  
 Compensated Z-Densilog CNL-Minilog-GR

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
Production	12-1/4"	8-5/8"	23#	1374'	CI "H"	460	3% cc & 1/4# flocele
						150	2% cc & 1/4# flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing	Surf	5100'	60/40 Poz	165	Set 40 sx. plug @ 1650'. Spot 50 sx. cement plug @ 1400'. Spot 40 sx. cement plug @ 500'. Spot 10 sx. Set cement plug from 40' surface.
<input type="checkbox"/> Plug Back TD					
<input checked="" type="checkbox"/> P&A					Cement rat hole w/15 sx & mouse hole w/10 sx.

Shots Per Foot	PERFORATON RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Materials Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

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

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  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

DRILLER'S LOG

KCC

KCC

DOMINION EXPLORATION & PRODUCTION  
BLOUT 4-5R  
SECTION 5-T33S-R43W  
MORTON COUNTY, KANSAS

JUL 8 2002  
CONFIDENTIAL

JUL 8 2002  
CONFIDENTIAL

COMMENCED: 06-20-02  
COMPLETED: 06-29-02

RECEIVED  
JUL 11 2002  
KCC WICHITA

SURFACE CASING: 1374' OF 8 5/8" CMTD  
W/460 SKS PREMIUM PLUS HLC + 3% CC +  
1/4#/SK FLOCELE. TAILED W/150 SKS  
PREMIUM PLUS C + 2% CC + 1/4#/SK  
FLOCELE.

FORMATION

DEPTH

SURFACE HOLE	0 - 1375
ANHYDRITE	1375 - 1825
STONE CORRAL	1825 - 2234
CHASE	2234 - 2900
COUNCIL GROVE	2900 - 3620
SHALE & LIMESTONE	3620 - 4328
LIMESTONE & MARMATON	4328 - 4348
MARMATON	4348 - 4465
MORROW	4465 - 4910
MORROW & CHESTER	4910 - 5100 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*

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND DAY OF JULY, 2002

JOLENE K. RUSSELL

*Jolene K. Russell*  
NOTARY PUBLIC



# HALLIBURTON JOB SUMMARY

REGION <b>NORTH AMERICA LAND</b>		NWA / COUNTRY <b>Central / USA</b>		SALES ORDER NUMBER <b>1915065</b>		TICKET DATE <b>06/21/02</b>	
MBU ID / EMPL # <b>MCLI0101 106322</b>		H.E.S. EMPLOYEE NAME <b>Danny McLane</b>		BDA / STATE <b>MC/Ks</b>		COUNTY <b>MORTON</b>	
LOCATION <b>LIBERAL</b>		COMPANY <b>CHEYENNE DRLG (DOMINION)</b>		PSL DEPARTMENT <b>Cement</b>			
TICKET AMOUNT <b>\$7,320.96</b>		WELL TYPE <b>Oil</b>		CUSTOMER REP / PHONE <b>MIKE COLANTONIO 620-271-4024</b>			
WELL LOCATION <b>Elkhart Ks</b>		DEPARTMENT <b>Cement</b>		SAP BOMB NUMBER <b>7521</b>		Cement Surface Casing	
LEASE NAME <b>BLOUT</b>		Well No. <b>4-5R</b>		SEC / TWP / RMB <b>5 - 33S - 42W</b>		HES FACILITY (CLOSEST TO WELL SITE) <b>Hugoton Ks</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>McLane, D 106322</b>	8.0			
<b>Tate, N 105953</b>	8.0			
<b>Archuleta, M 226383</b>	8.0			
<b>Wright, C 231884</b>	8.0			

HES. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>420995</b>	<b>50</b>			
<b>10251401</b>	<b>50</b>			
<b>10244148 10286731</b>	<b>25</b>			
<b>52920 75821</b>	<b>25</b>			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	<b>6/21/2002</b>	<b>6/21/2002</b>	<b>6/21/2002</b>	<b>6/21/2002</b>
Time	<b>1430</b>	<b>1700</b>	<b>2245</b>	<b>0000</b>

**Tools and Accessories**

Type and Size	Qty	Make
Insert <b>8 5/8</b>	<b>1</b>	<b>H</b>
Float Shoe		
Centralizers <b>8 5/8</b>	<b>5</b>	<b>O</b>
Top Plug <b>8 5/8</b>	<b>1</b>	
HEAD <b>8 5/8</b>	<b>1</b>	<b>W</b>
Limit clamp		
Weld-A	<b>1</b>	<b>C</b>
Guide Shoe		
BTM PLUG		<b>O</b>

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	23#	8 5/8		1374	KB	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4				Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

**Hours On Location**

Date	Hours	Date	Hours
6/21	7.0	6/21	1.0
6/22	1.0		
<b>Total</b>	<b>8.0</b>	<b>Total</b>	<b>1.0</b>

Ordered \_\_\_\_\_  Hydraulic Horsepower \_\_\_\_\_ Used \_\_\_\_\_  
 Treating \_\_\_\_\_  Average Rates in BPM \_\_\_\_\_ Overall \_\_\_\_\_  
 Feet **31.15**  Cement Left in Pipe \_\_\_\_\_ Reason **Shoe Joint**

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	460	HLC PP C		3% CC - 1/4# FLOCELE PUMP TIME - 3 HOURS	11.60	2.05	12.30
2	150	PREM PLUS C		2% CC - 1/4# FLOCELE PUMP TIME - 1 3/4 HOURS	6.30	1.34	14.80
3							
4							

**Summary**

Circulating	Displacement	Preflush: BBI	<b>5.00</b>	Type: fresh water
Breakdown	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Lost Returns	Lost Returns	Excess /Return BBI		Calc. Disp Bbl <b>85.9</b>
Cmt Rtrn#Bbl	Actual TOC	Calc. TOC:		Actual Disp. <b>86</b>
Average	Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl
Shut In: Instant	5 Min. 15 Min.	Cement Slurry BBI	<b>168 , 35.5</b>	
		Total Volume BBI	<b>#VALUE!</b>	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_



<b>HALLIBURTON JOB SUMMARY</b>		SALES ORDER NUMBER <b>1928889</b>	TICKET DATE <b>06/29/02</b>
REGION <b>NORTH AMERICA LAND</b>	NWA / COUNTRY <b>Central / USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>MORTON</b>
MBU ID / EMPL # <b>MCL10104 212723</b>	H.E.S. EMPLOYEE NAME <b>JERRAKO EVANS</b>	PSL DEPARTMENT <b>CEMENT</b>	
LOCATION <b>LIBERAL</b>	COMPANY <b>DOMINION EXPLORATION &amp; PROD.</b>	CUSTOMER REP / PHONE <b>DARRELL TOEWS 405-206-6742</b>	
TICKET AMOUNT <b>\$5,462.03</b>	WELL TYPE <b>OIL</b>	API/WVI #	
WELL LOCATION <b>ELKHART, KS</b>	DEPARTMENT <b>CEMENT</b>	SAP BOMB NUMBER <b>7528</b>	Plug to Abandon
LEASE NAME <b>BLOUT</b>	Well No. <b>4-5R</b>	SEC / TWP / RNG <b>5 - 33S - 42W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL, KS</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723				
McLane, D 106322				
Harper, K 241985				

HES. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10011504	50			
54219-78299	50			
53777-6611	25			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	6/29/2002	6/29/2002	6/29/2002	6/29/2002
Time	0430	0800	1400	1600

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing							
Liner							
Liner							
Tubing	USED	16.6	4 1/2		KB	1,650	
Drill Pipe							
Open Hole			7 7/8			5,100	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location	Operating Hours	Description of Job
Date	Hours	Date
6/29		6/29
Total		

Hydraulic Horsepower

Ordered \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

Average Rates in: BPM \_\_\_\_\_

Treating \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_

Cement Left in Pipe \_\_\_\_\_

Feet 45 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	40	40/60 POZ H		6% GEL (PLUG AT 1650 FT)	8.29	1.62	13.20
2	50	40/60 POZ H		6% GEL (PLUG AT 1400 FT)	8.29	1.62	13.20
3	40	40/60 POZ H		6% GEL (PLUG AT 600 FT)	8.29	1.62	13.20
4	10	40/60 POZ H		6% GEL (PLUG AT 40 FT)	8.29	1.62	13.20

Summary

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: BBI **10.00** Type: WATER

Breakdown \_\_\_\_\_ MAXIMUM \_\_\_\_\_ Load & Bkdn: Gal - BBI \_\_\_\_\_ Pad:Bbl -Gal \_\_\_\_\_

Lost Returns \_\_\_\_\_ Lost Returns: \_\_\_\_\_ Excess /Return BBI \_\_\_\_\_ Calc. Disp Bbl \_\_\_\_\_

Cmt Rtrn#Bbl \_\_\_\_\_ Actual TOC \_\_\_\_\_ Treatment: Gal - BBI \_\_\_\_\_ Actual Disp. \_\_\_\_\_

Average \_\_\_\_\_ Frac. Gradient \_\_\_\_\_ Cement Slurry BBI **47.0** Disp:Bbl \_\_\_\_\_

Shut In: Instant \_\_\_\_\_ 5 Min. \_\_\_\_\_ 15 Min. \_\_\_\_\_ Total Volume BBI **57.00**

Frac Ring #1 \_\_\_\_\_ | Frac Ring #2 \_\_\_\_\_ | Frac Ring #3 \_\_\_\_\_ | Frac Ring #4 \_\_\_\_\_

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

ORIGINAL

RECEIVED  
JUL 11 2002  
KCC WICHITA

<b>HALLIBURTON JOB LOG</b>		TICKET # <b>1928889</b>	TICKET DATE <b>06/29/02</b>
REGION <b>NORTH AMERICA LAND</b>	NWA / COUNTRY <b>Central / USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>MORTON</b>
MBU ID / EMPL # <b>MCL10104 212723</b>	H.E.S EMPLOYEE NAME <b>JERRAKO EVANS</b>	PSL DEPARTMENT <b>CEMENT</b>	CUSTOMER REP / PHONE <b>DARRELL TOEWS 405-206-6742</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>DOMINION EXPLORATION &amp; PRO</b>	WELL TYPE <b>OIL</b>	API/WT #
TICKET AMOUNT <b>\$5,462.03</b>	DEPARTMENT <b>CEMENT</b>	JOB PURPOSE CODE <b>Plug to Abandon</b>	RES FACILITY (CLOSEST TO WELL S) <b>LIBERAL, KS</b>
WELL LOCATION <b>ELKHART, KS</b>	Well No. <b>4-5R</b>	SEC / TWP / RNG <b>5 - 33S - 42W</b>	
LEASE NAME <b>BLOUT</b>			

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
Evans, J 212723	2						
McLane, D 106322	2						
Harper, K 241985	2						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG	Tbg		
	0830							JOB READY
	0430							CALLED OUT FOR JOB
	0800							PUMP TRUCK ON LOCATION / JOB SITE ASSESMENT
	0815							RIG UP TRUCKS
								RIG PULLING DP
								1 ST.PLUG 1650 FT
	1403	5.0	10.0					PUMP SPACER
	1410	5.0	11.5					START MIXING CMT @13.2#
	1413	5.0	3.5					PUMP SPACER
	1417	5.0	13.0					START DISP WITH MUD
	1420							SHUT DOWN / KNOCK LOOSE/ PULL DP
								2ND PLUG 1400 FT
	1433	5.0	10.0					PUMP SPACER
	1439	5.0	14.5					START MIXING CMT @13.2#
	1443	5.0	3.5					PUMP SPACER
	1445	5.0	9.0					START DISP WITH MUD
	1448							SHUT DOWN / KNOCK LOOSE/ PULL DP
								3RD PLUG 500 FT
	1512	5.0	9.0					PUMP SPACER
	1519	5.0	11.5					START MIXING CMT @ 13.2#
	1522	5.0	1.0					START DISP
								SHUT DOWN/ KNOCK LOOSE/ PULL DP
								4 TH PLUG 40 FT
	1543	2.0	8.0					PUMP SPACER
	1547	2.0	3.0					START MIXING CMT @ 13.2#
	1549	2.0	7.0					PLUG RAT & MOUSE
								THANKS FOR CALLING HALLIBURTON
								JERRAKO & CREW