

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

Operator: License # 32390
Name: High Plains Production, LLC
Address: PO Box 228
City/State/Zip: Savoy, TX 75479
Purchaser: UNIMARK
Operator Contact Person: Jim Fuller or Ron Osterbuhr
Phone: (903) 965-5403 or (620) 275-7888
Contractor: Name: Cheyenne Drilling, Inc.
License: 5382
Wellsite Geologist: Ron Osterbuhr

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

03/08/2004 03/10/2004 04/16/2004
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 055-21824 0000
County: Finney
SE SE SE Sec. 2 Twp. 23 S. R. 33 East West
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:
(circle one) NE SE NW SW
Lease Name: Messenger Well #: 2-2
Field Name: Hugoton - Infill

Producing Formation: Chase Group
Elevation: Ground: 2871' Kelly Bushing: 2877'
Total Depth: 2591' Plug Back Total Depth: 2587'
Amount of Surface Pipe Set and Cemented at 354' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2591'
feet depth to Surface w/ 425 sx cnt.

Drilling Fluid Management Plan ALT II within 2-9-07
(Data must be collected from the Reserve Pit)

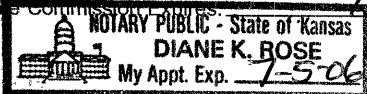
Chloride content 25,000 ppm Fluid volume 400 bbls
Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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 CP-4 form with all plugged wells. Submit CP-111 form 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: Fernando Osterbuhr
Title: AGENT Date: 5/11/04
Subscribed and sworn to before me this 11th day of May,
2004
Notary Public: Diane K. Rose
Date Commission Expires: 7-5-06



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: High Plains Production, LLC Lease Name: Messenger Well #: 2-2
 Sec. 2 Twp. 23 S. R. 33 East West County: Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:
 Cased-hole only; G/R-CCL

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Log Name	Formation (Top), Depth and Datum	Sample Datum
T/Permian	958'	+1913'
T/Cedar Hills	1448'	+1423'
B/Stone Corral	1955'	+ 916'
T/Herington	2502'	+ 369'
T/Winfield	2562'	+ 309'

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	12.250"	8.625"	23#	354'	"Common"	225sx	3%CC,2%gel
Production	7.875"	5.500"	15.5#	2590'	"MIDCON"	275sx	1/2# Flocele
					"Premium+"	150sx	.5% Halad 322

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
4spf	2563'-2569'	850 gallons 20% FE acid	2563'-69'
	2550' - set a Titan 10,000# cast-iron bridge plug		
4spf	2505'-2513', 2522'-2530'	1500 gallons 15% FE acid	2505'-30'
		12,100# 20/40 sand; 136,000scf N2;	
		142 bbls of treated water.	2505'-30'

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2.375" EUE	2536'	none			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
04/16/2004		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	0	150	2				

Disposition of Gas METHOD OF COMPLETION Production Interval

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

ALLIED CEMENTING CO., INC. 13680

Federal Tax I.D.

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

SERVICE POINT:

oakley

DATE <i>3-8-04</i>	SEC <i>2</i>	TWP <i>22s</i>	RANGE <i>33w</i>	CALLED OUT	ON LOCATION <i>1:30 PM</i>	JOB START <i>7:00 PM</i>	JOB FINISH <i>7:30 PM</i>
LEASE <i>Messenger</i>		WELL # <i>2-2</i>		LOCATION <i>Garden City 5N 14W N5</i>		COUNTY <i>Finney</i>	STATE <i>Ks</i>
OLD OR NEW (Circle one)							

CONTRACTOR *Cheyenne Drlg Rig 11*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *356'*

CASING SIZE *8 1/2* DEPTH *352.81'*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. *20'*

PERFS. _____

DISPLACEMENT *2 1/4 Bbls*

OWNER *Some*

CEMENT AMOUNT ORDERED
225 sks Com Pacc 290 Gel

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
HANDLING	@	_____
MILEAGE	@	_____
		TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER *Dean*

373-281 HELPER *Fuzzy*

BULK TRUCK

309 DRIVER *Jarrod*

BULK TRUCK

_____ DRIVER _____

REMARKS:

SERVICE

Cement did circulate

Thank you

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE *75 Miles* @ _____

PLUG @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: *High Plains Production*

STREET _____

CITY _____ STATE _____ ZIP _____

8 1/2 FLOAT EQUIPMENT

2-Centrifizers @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *Noel Perez*

Noel Perez
PRINTED NAME

HALLIBURTON

CEMENTING SERVICE AND SALES QUOTE: 21113089 SO: 2966851

COMPANY HIGH PLAINS PRODUCTION, LLC		FACILITY LIBERAL		AFE/WORK ORDER		DATE 03/09/04	
CONTRACTOR CHEYENNE #11		Owner SAME		LEGAL DESCRIPTION 2 - 23S - 33W		API 15-055-055-218	
LEASE MESSENGER		WELL # 2-2		COUNTY FINNEY		STATE Ks	
DIRECTIONS		MILEAGE-RT 120/60					
<p>GARDEN CITY, KS -- NORTH EDGE AT JCT HWY 83 & 50 - 5 NORTH ON HWY 83 - 1 1/8 WEST - NORTH TO LOCATION.</p>							

Pumping Services	<input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Long String <input type="checkbox"/> Plug Back <input type="checkbox"/> Liner <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input type="checkbox"/> Other () H2S									
	Casing Size	Casing Weight	Thread	Tbng/DP Size	Thread	Plug. Cont.	Swage	Top Plug	Bottom Plug	% Excess
	5 1/2	14#	8 RD			YES	YES	LD		105%
	Number and Type Units RCM & BULK								BHST	BHCT
Remarks								Depth-TMD 2600 FT	Depth-TVD	Mud Weight/Type

Cementing Materials	LEAD	# of Sacks 275	Type MIDCON PP	Additives 1/2# FLOCELE	
	EPT-3:00	Weight PPG 11.4	Yield Ft ³ /Sk 2.88	Water Gal/Sk 17.7	
	TAIL	# of Sacks 150	Type PREM PLUS	Additives .5% HALAD-322 - 1/4# FLOCELE	
	EPT-2:00	Weight PPG 14.8	Yield Ft ³ /Sk 1.32	Water Gal/Sk 6.25	
		# of Sacks	Type	Additives	
		Weight PPG	Yield Ft ³ /Sk	Water Gal/Sk	
		# of Sacks	Type	Additives	
		Weight PPG	Yield Ft ³ /Sk	Water Gal/Sk	
	Spacer or Flush	Quantity 10 BBL	Type WATER	Additives AHEAD OF CEMENT	
	Other	Quantity	Type	Additives	

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Remarks/HSE	<p>"ELIMINATE UNPLANNED EVENTS" WEAR ALL PPE EQUIPMENT ON LOCATION AT ALL TIMES - THINK SAFETY FIRST - THANK YOU FOR YOUR EFFORTS</p>
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Sales Items	Casing Size	Casing Weight	Thread	
	5 1/2	14#	8 RD	
	Guide Shoe	Float Shoe	Float Collar	Insert Float Valve
	REGULAR			
	Centralizers - Number	Size	Type	
10 EACH	5 1/2 X 7 7/8	S-4		
Wall Cleaners - Number	Type	MSC (DV Tool)	Latch Down Plug Set	
Limit Clamps	Weld-A	Other		
1 EACH	1 EACH	1 EA 3 WIPER LATCH DOWN PLUG & BAFFLE		
Remarks				

Customer Rep. RON OSTERBUHR	Cell Phone	Office Phone	Fax	Time of Call 1700 3/9/04
Call Taken By LARRY / DON	Operator or Driver Called		Date Ready 3/10/04	Time Ready WC
			Time	

SALES ORDER

HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2966851	Sales Order Date: March 09, 2004
SOLD TO: HIGH PLAINS PRODUCTION PO BOX 228 SAVOY TX 75479 USA	Rig Name: Well/Rig Name: HIGH PLAINS PROD MESSENGER 2-2, FIN Company Code: 1100 Customer P.O. No.: NA Shipping Point: Liberal, KS, USA Sales Office: Mid-Continent BD Well Type: Oil Well Category: Development Service Location: 0037 Payment Terms: Cash on delivery Ticket Type: Services Order Type: ZOH
SHIP TO: HIGH PLAINS PROD MESSENGER 2-2, FIN MESSENGER * GARDEN CITY KS 67846 USA	

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - BOM	1.00	JOB					
	JP035							
1	"ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	120.000	MI		5.28	633.60	297.79-	335.81
		1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	120.000	MI		3.11	373.20	175.40-	197.80
		1	unit					
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1.000	EA		2,594.00	2,594.00	1,219.18-	1,374.82
		2,600						
		FT						
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, 045-050 NUMBER OF DAYS	1.000	JOB		962.00	962.00	452.14-	509.86
		1	Days					
142	AXIAL FLOW MIXER,W/O ADC,/JOB,ZI 046-070 NUMBER OF JOBS	1.000	EA		665.00	665.00	312.55-	352.45
		1	Job					
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1.000	EA	770.00	770.00	770.00	361.90-	408.10
		1	Days					

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HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2966851 **Sales Order Date: March 09, 2004**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100013746	PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG 593 - 801.0374 / PLUG ASSY - 3 WIPER LATCH-DOWN - 5-1/2 / CSG	1.000	EA		410.37	410.37	192.87-	217.50
100013747	BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN 594 - 801.03743 / BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN / PLUG	1.000	EA		173.25	173.25	81.43-	91.82
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED 806.60022 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	10.000	EA		80.04	800.40	376.19-	424.21
100004639	COLLAR-STOP-5 1/2"-W/DOGS XXXXXXXXX 806.72730 / CLAMP - LIMIT - 5-1/2 - FRICTION - / W/DOGS	1.000	EA		42.74	42.74	20.09-	22.65
100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A / (1 kit per fiberboard box)	1.000	EA		38.70	38.70	18.19-	20.51
15079	SBM MIDCON 2 PREMIUM PLUS 504-282 SBM MIDCON 2 PREMIUM PLUS /	275.000	SK		26.05	7,163.75	3,366.96-	3,796.79
100012205	CEM,CLASS C / PREMIUM PLUS, BULK 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	150.000	SK		23.21	3,481.50	1,636.31-	1,845.19
100005049	Chemical - Flocele (25 lb sk) XXXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	175.000	LB		2.86	500.50	235.24-	265.26
100003646	CHEMICAL - HALAD-322 - 50 LB SACK 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	71.000	LB		10.83	768.93	361.40-	407.53

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HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2966851

Sales Order Date: March 09, 2004

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
3965	HANDLE&DUMP SVC CHRGS, 500-207 NUMBER OF EACH	451.000	CF		2.96	1,334.96	627.43-	707.53
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	1,238.000	MI		1.81	2,240.78	1,053.17-	1,187.61
	SALES ORDER AMOUNT					22,953.68	10,788.24-	12,165.44
	Sales Tax - State							375.85
	Sales Tax - County							53.19
	SALES ORDER TOTAL							12,594.48
								US Dollars
	Total Weight: 42,036.53 LB							

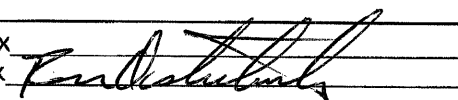
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INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X

Customer Signature: X



HALLIBURTON JOB LOG			TICKET #	TICKET DATE
			2966851	03/10/04
REGION	NWA / COUNTRY	BDA / STATE	COUNTY	
Central Operations	Mid Contintnt/USA	MC/Ks	FINNEY	
MBU ID / EMPL #	H.E.S EMPLOYEE NAME	PSL DEPARTMENT		
MCLI0101 301261	Scott Green	Cement		
LOCATION	COMPANY	CUSTOMER REP / PHONE		
LIBERAL	HIGH PLAINS PRODUCTION, LLC	RON OSTERBUHR		
TICKET AMOUNT	WELL TYPE	API/WWT #		
\$12,594.48	01 Oil	15-055-055-218		
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE		
Garden City, Ks	Cement	Cement Production Casing		
LEASE NAME	SEC / TWP / RNG	HEB FACILITY (CLOSEST TO WELL #)		
MESSSENGER	2 - 23S - 33W	Liberal Ks		

HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Green, S 301261	13						
Smith, B 106036	13						
Archuleta, M 228381	10						
Kilbourne, T 298801	10						



	0230				Called for job
	0245				Hold pre-trip safety meeting
	0530				On location do job sit assessment. Bring Halliburton cement unit on lease & rig-up same. Rig laying out D/P
					Bulk trucks on location / Safety meeting w/- drivers
	0620				Start RIH w/ 5-1/2" casing
	0730				Casing @ setting depth
	0905				Rig-up cement head / Circulate casing
	0915				Safety meeting
	0950				Pressure test
	0956		3000		
	0957	4.0	10.0	150	Pump spacer
	1000	5.5	141.0	85	Mix & pump 275sx lead slurry @ 11.4#
	1025	5.5	35.0	125	Mix & pump 150sx tail slurry @ 14.8#
	1033	5.5			Stop pump
	1034				Clean cement lines
	1035				Release latch down plug
	1040		63.5		Displace w/ water
	1046				Displacement caught cement
	1056			1275	Bump plug / 20bbls returns
	1059				Bleed off / Check float
	1100				End job
					Thanks for calling Halliburton, Liberal
					Scott & Crew

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HALLIBURTON JOB SUMMARY

REGION Central Operations			MNA / COUNTRY Mid Continent/USA			SALES ORDER NUMBER 2966851			TICKET DATE 03/10/04		
MBU ID / EMPL # MCLI0101 301261			H.E.S. EMPLOYEE NAME Scott Green			BDA / STATE MC/Ks			COUNTY FINNEY		
LOCATION LIBERAL			COMPANY HIGH PLAINS PRODUCTION, LLC			PSL DEPARTMENT Cement			CUSTOMER REP / PHONE RON OSTERBUHR		
TICKET AMOUNT \$12,594.48			WELL TYPE 01 Oil			API/UMI # 15-055-055-218			SAP BOMB NUMBER 7523		
WELL LOCATION Garden City, Ks			DEPARTMENT Cement			RES FACILITY (CLOSEST TO WELL SITE) Liberal Ks			Cement Production Casing		
LEASE NAME MESSENGER			Well No. 2-2			SEC / TWP / RNG 2 - 23S - 33W					

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Green, S 301261	13.0			
Smith, B 108036	13.0			
Archuleta, M 226381	18.0			
Kilbourne, T 298801	18.0			

H.E.S. UNIT #S / (R/T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547695	120			
10251401	120			
10243558 / 10011277	60			
10011406 / 10011272	60			

Form. Name	Type:	Date	Called Out	On Location	Job Started	Job Completed
Form. Thickness	From		3/10/2004	3/10/2004	3/10/2004	3/10/2004
Packer Type	Set At	Time	0230	0500	0956	1100
Bottom Hole Temp.	Pressure					
Retainer Depth	Total Depth					2598

Type and Size	Qty	Make	New/Used	Weight	Size	Grade	From	To	Max. Allow
Baffle Collar 5-1/2"	1	Howco	New	14#	5 1/2		0	2,602	
Float Shoe		Howco							
Centralizers 5-1/2"	10	Howco							
3W L/D Plug 5-1/2"	1	Howco							
HEAD 5-1/2"	1	Howco							
Limit clamp 5-1/2"	1	Howco							
Weld-A 5-1/2"	1	Howco							
Guide Shoe 5-1/2"	1	Howco							
BTM PLUG		Howco							

Mud Type	Density	Lb/Gal	Date	Hours	Date	Hours	Cement Production Casing
Disp. Fluid	Density	Lb/Gal	3/10	8.0	3/10	1.0	
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	In					
Perfpac Balls	Qty.						
Other							
Other							
Other							
Other							

Ordered	Avail.	Used
Treating	Disp.	Overall
Feet	Reason	SHOE JOINT

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	276	MIDCON PP		1/2# FLOCELE	17.70	2.88	11.40
2	160	PREM PLUS		.5% HALAD-322 - 1/4# FLOCELE	6.25	1.32	14.80
3							
4							

Circulating Breakdown	Displacement	Preflush:	BBI	10.00	Type:	Water
Lost Returns	MAXIMUM	Load & Bkdn:	Gal - BBI		Pad:Bbl -Gal	
Cmt Rtrn#Bbl	Actual TOC	Excess /Return	BBI		Calc. Disp Bbl	63.6
Average	Frac. Gradient	Calc. TOC:			Actual Disp.	64
Shut In: Instant	5 Min.	Treatment:	Gal - BBI		Disp:Bbl	
	15 Min.	Cement Slurry	BBI	1417.36		
		Total Volume	BBI	250.00		

THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE

Tom Osterbuhr
SIGNATURE

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KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: (See Instructions on Reverse Side)

Open Flow
 Deliverability

Test Date: 05/10/2004
 API No. 15
 15-055-21824

Company High Plains Production, LLC		Lease Messenger		Well Number #2-2	
County Finney	Location SE SE SE	Section 2	TWP 23S	RNG (E/W) 33W	Acres Attributed 640
Field Hugoton-Infill		Reservoir Chase Group		Gas Gathering Connection Williams-BP	
Completion Date 04/16/2004		Plug Back Total Depth 2550'		Packer Set at none	
Casing Size 5.500"	Weight 15.5#	Internal Diameter 4.950"	Set at 2590'	Perforations 2505'	To 2530' OA
Tubing Size 2.375"	Weight 4.7#	Internal Diameter 1.995"	Set at 2536'	Perforations	To
Type Completion (Describe) Perforated casing		Type Fluid Production water		Pump Unit or Traveling Plunger? <input checked="" type="radio"/> Yes / No Pumping Unit	
Producing Thru (Annulus / Tubing)		% Carbon Dioxide		% Nitrogen Gas Gravity - G _g .7735	
Annulus Vertical Depth(H) 2505'		Pressure Taps Flange		(Meter Run) (Prover) Size 3.0"	
Pressure Buildup: Shut in 05/07/2004 19 at 10		(AM) (PM) Taken 05/10/2004 19 at 10		(AM) (PM)	
Well on Line: Started 04/16/2004 19 at 2		(AM) (PM) Taken 05/07/2004 19 at 10		(AM) (PM)	

OBSERVED SURFACE DATA

Duration of Shut-in 72 Hours

Static / Dynamic Property	Orifice Size inches	Circle one: <u>Meter</u> or Prover Pressure psig	Pressure Differential in (h) Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In	1.000					81.4	95.8			72	
Flow	1.000	31.3	13.35			46.0	60.4				2 BWPD

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: <u>Meter</u> or Prover Pressure psia	Press Extension $\frac{1}{2} P_m \times H_w$	Gravity Factor F _g	Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
5.8527	45.7	24.7				144.56		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 9.178 : (P_w)² = 3.648 : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_g)² = 0.207
 (P_d)² = .207

(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
8.971	5.530	1.622	.210	.85	.179	1.509	218

Open Flow Mcf @ 14.65 psia Deliverability 218 Mcf @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 11th day of May, 2004.

Witness (if any)

RECEIVED

Ren O. Stubbins - AGENT

For Company

For Commission

MAY 13 2004

Checked by

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form TS-1
October 2001
Form must be Signed
All blanks must be Filled

FIELD DATA

Must be checked: Annual New Well Workover Vacuum Retest Duplicate

Must be checked: Hugoton Panoma

Lease Code:

Sec. 2 Twp. 23 S. R. 33 West
County: FINNEY

Operator: High Plains Production
Pipeline Conn: WNG
Lease Name: MESSENGER
Well Number: 2-2

TEST INPUT

Well Opened Date: 04 - 03 - 04
Test Completed: 04 - 10 - 04
Type Meter Connection: F = Flange P = Pipe F

Orifice Plate Size: ~~0.~~ inches
1.000 inches
Meter Run: 3 inches

13.35
31.3
81.4
46.0
-.

Differential (h) → inches H₂O
Meter Pressure (P_m) → psig
Shut-in Pressure (P_s) → psig (Gauge Reading)
Working Well Head Pressure → psig (Gauge Reading)
Working Well Head Pressure → inches of mercury (Vacuum Gauge Reading)
Specific Gravity of Gas (Pamona Wells ONLY)

RECEIVED

MAY 13 2004

KCC WICHITA

For KCC Use ONLY
Tester's Comments:
New well first test

Condition of Lease:
 Satisfactory
 Unsatisfactory
 Not Rated

Tom Ostrubek
Signature of Operator / Agent

[Signature]
Signature of KCC Representative / Agent

White copy - Main Office Pink copy - District Office Yellow copy - Operator

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202