

# CEMENT JOB REPORT



CUSTOMER AUS TEX EXPLORATION INC		DATE 03-SEP-12	F.R. # 1001932106	SERV. SUPV. REESE A ANDERSON	
LEASE & WELL NAME PATHFINDER #C 11-12 2		LOCATION SEC 12 - 20 S - 70 W		COUNTY-PARISH-BLOCK Fremont Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS	LIST CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
BJ Cement Plug, Rubber, Top 13-3/8	Float Collar, Auto Fill, 13-3/8 - 8rd				
	Float Shoe 13-3/8 - 8rd				
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>
Fresh water	0	0	8.34	0	0
Type III Cement + additives	C09-004-12	150	14.5	1.40	6.82
Fresh water	0	0	8.34	0	0
PL+3%CaCl+ .25#/sk+6%Gel	C09-004-12	720	13.6	1.57	7.69
Available Mix Water	500	Bbl.	Available Displ. Fluid	500	Bbl.
TOTAL				433.08	156.55
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
17.5	100	1200	12.62	13.38	54.5
TYPE		MD	TVD	GRADE	SHOE
CSG		1200	1200	J-55	1226
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT	TYPE	MD	TVD
20.	20	46.3	CSG	50	50
BRAND & TYPE		DEPTH	TOP	BTM	SIZE
NO PACKER		0	0	0	13.375
WELL FLUID		TYPE		WGT.	
WATER BASED				9	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
180	BBLS	Fresh water	8.34	900	0
OP. MAX		MAX TBG PSI		MAX CSG PSI	
0		0		2184	
Operator		Operator		1000	
RIG TANK					
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 6 BPM	
Mud Density In: 9 LBS/GAL		Mud Density Out: 9 LBS/GAL		PV & YP Mud In: 35	
PV & YP Mud Out: 35		Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
Displacement And Mud Removal					
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 1 BBLS			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: VISUAL			
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 12		Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD					
Plugs					
Number of Attempts by BJ: 0		Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Top of Plug: 0 FT		Bottom of Plug: 0 FT	
Squeezes (Update Original Treatment Report for Primary Job)					
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>	
PLANNED <input type="checkbox"/>		UNPLANNED <input type="checkbox"/>			
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0	
Fluid Weight: 0 LBS/GAL					
Casing Test (Update Original Treatment Report for Primary Job)					
Casing Test Pressure: 0 PSI		With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					
PRESSURE/RATE DETAIL			EXPLANATION		



# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL

Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
NONE

### PRESSURE/RATE DETAIL

### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2959 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:00	0	0	0	0	NA	YARD CALL	
17:06	0	0	0	0	NA	LEAVE YARD	
20:34	0	0	0	0	NA	ARRIVE ON LOCATION	
04:25	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
05:57	0	0	0	0	NA	SAFETY MEETING	
06:38	2959	0	0	0	H2O	PRESSURE TEST	
06:40	178	0	5	25	H2O	PRE FLUSH	
06:50	428	0	6	198	CMT	720 SACKS 13.6 PPG CEMENT	
07:28	330	0	4.8	37	CMT	150 SACKS 14.5 PPG CEMENT	
07:40	0	0	0	0	NA	DROP PLUG	
07:43	408	0	6.1	110	H2O	DISPLACEMENT	
08:00	510	0	4.8	40	H2O	RATE CHANGE	
08:09	535	0	3.6	30	H2O	RATE CHANGE	
08:17	928	0	3.6	180	H2O	BUMP PLUG	
08:22	0	0	0	0	NA	BLEED OFF/TEST FLOATS	
08:24	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	928	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	114	440	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Reese Anderson</i>

*Don Anderson*



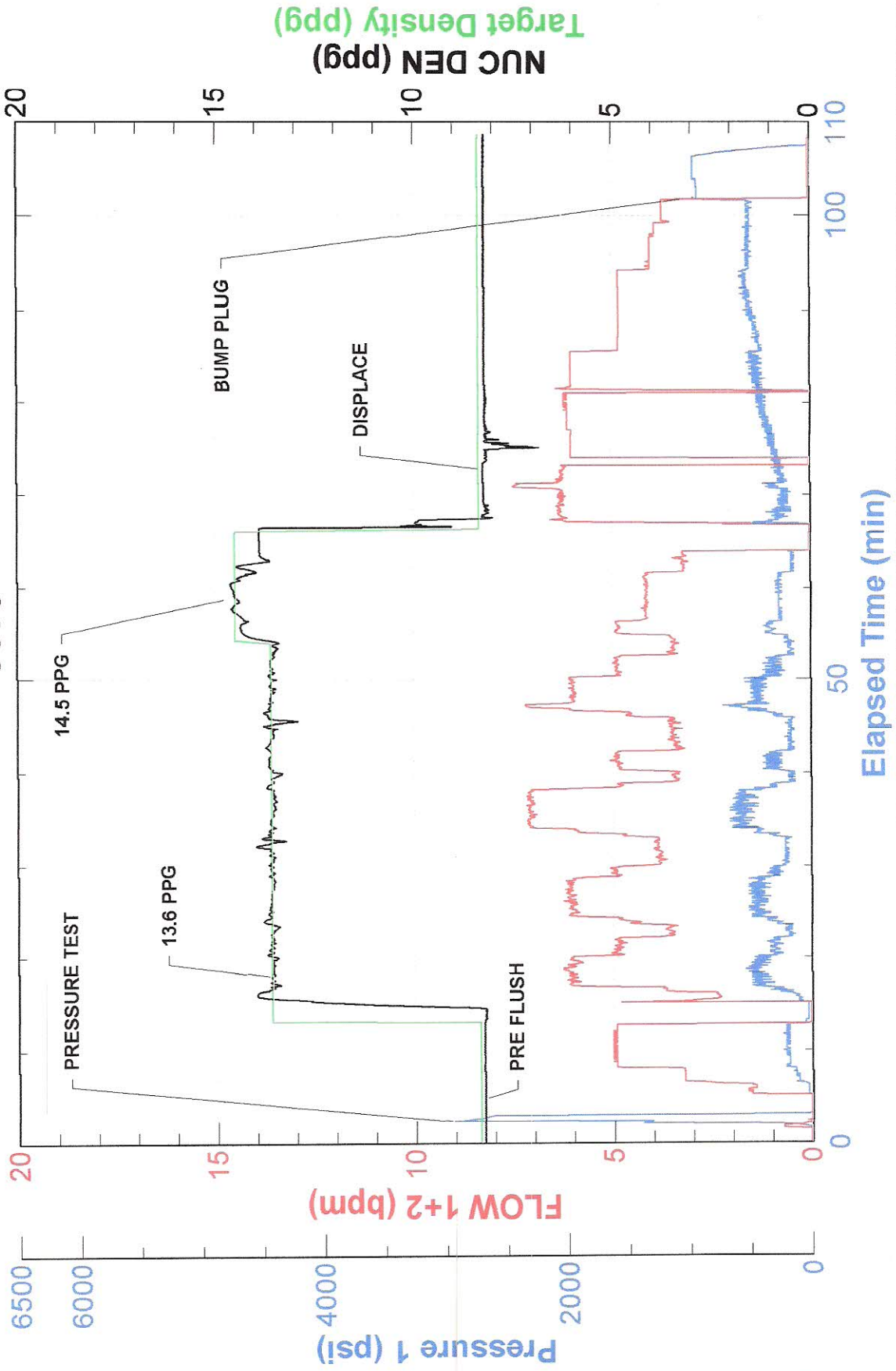
BJ Services JobMaster Program Version 3.50

Job Number: 1001932106

Customer: AUS TEX

Well Name: PATHFINDER 11-12 2

C973







FIELD RECEIPT NO. 1001932106

CUSTOMER AUS TEX EXPLORATION INC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040137282 - 0040137282		INVOICE NUMBER	
MAIL INVOICE TO: 7985 WEST 16TH AVE				CITY Lakewood		STATE Colorado		ZIP CODE 80214			
DATE WORK COMPLETED		MO. 09	DAY 03	YEAR 2012	WELL API NO: BHI REPRESENTATIVE REESE A ANDERSON		WELL TYPE: New Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 1,226		WELL CLASS: Oil				
WELL NAME AND NUMBER PATHFINDER #C 11-12 2					TD WELL DEPTH (ft) 1,235		GAS USED ON JOB: No Gas				
WELL LOCATION:		LEGAL DESCRIPTION SEC 12 - 20 S - 70 W			COUNTY/PARISH Fremont		STATE Colorado		JOB TYPE CODE: Surface		

PRODUCT C-CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride	lbs	2021	1.290	2,607.09	50%	1,303.55
100120	Bentonite	lbs	3759	0.530	1,992.27	50%	996.14
100295	Cello Flake	lbs	218	5.100	1,111.80	50%	555.90
398224	Premium Lite Cement	sacks	720	27.650	19,908.00	50%	9,954.00
488019	FP-6L	gals	7	104.250	729.75	50%	364.88
499632	Granulated Sugar	lbs	50	3.840	192.00	50%	96.00
499680	Static Free	lbs	51	40.700	2,075.70	50%	1,037.85
499703	Type III Cement	sacks	150	31.700	4,755.00	50%	2,377.50
	SUB-TOTAL FOR Product Material				33,371.61	50.00%	16,685.82
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	210.000	210.00	0%	210.00
J396	Remote Location Crew Expense/Man	day	3	390.000	1,170.00	0%	1,170.00
M100	Bulk Materials Blending Charge	cu ft	986	5.450	5,373.70	50%	2,686.85
	SUB-TOTAL FOR Service Charges				6,753.70	39.78%	4,066.85

ARRIVE LOCATION:				MO. 09	DAY 03	YEAR 2012	TIME 20:34
CUSTOMER REP. SCOTT OSBORNE				SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT			
				BHI APPROVED			
				X			
				CUSTOMER AUTHORIZED AGENT			
				X			
				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			



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PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F055A	Cement Pumping, 1001 - 2000 ft	4hrs	1	4,875.00	4,875.00	50%	2,437.50
F088	Cement Pumping, Additional hrs	hrs	5	900.00	4,500.00	50%	2,250.00
F090	Fuel per pump charge - cement	pump/hr	4	70.250	281.00	0%	281.00
J225	Data Acquisition, Cement, Standard	job	1	2,130.00	2,130.00	50%	1,065.00
J390	Mileage, Heavy Vehicle	miles	340	11.850	4,029.00	50%	2,014.50
J391	Mileage, Auto, Pick-Up or Treating Van	miles	340	6.700	2,278.00	50%	1,139.00
	SUB-TOTAL FOR Equipment				18,093.00	49.22%	9,157.00
J401	Bulk Delivery, Dry Products	ton-mi	7042	3.940	27,745.48	50%	13,872.74
	SUB-TOTAL FOR Freight/Delivery Charges				27,745.48	50%	13,872.74
	FIELD ESTIMATE				85,983.79	49.03%	43,812.41

**43,812.41**

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CUSTOMER REP. SCOTT OSBORNE				CUSTOMER AUTHORIZED AGENT X Don Hackney BHI APPROVED			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				X Don Hackney CUSTOMER AUTHORIZED AGENT			