

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No 1004-0135
Expires July 31, 1996

Farmington Field Office
Bureau of Land Management

OCT 05 2011

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1 ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM-25448
2 Name of Operator ELM RIDGE EXPLORATION CO LLC		6 If Indian, Allottee or Tribe Name
3a. Address PO BOX 156 BLOOMFIELD NM 87413	3b. Phone No. (include area code) 505-632-3476 EXT 201	7. If Unit or CA/Agreement, Name and/or N
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) "I" - Sec 20-T25N-R12W 1980' FSL X 660' FEL		8 Well Name and No Bisti Gallup 20-9
		9. API Well No 30-045-34002
		10 Field and Pool, or Exploratory Area Bisti Lower-Gallup
		11 County or Parish, State San Juan County

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other TD, Production Casing
	☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
	☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleton in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Elm Ridge Exploration Co LLC has reached a TD of 5150' as of 9/26/2011 On 9/29/2011: We set 115 joints of 5 1/2' 15 5# J55 casing at 5146' First stage Pumped 20 bbls chemical wash, 150 sks of HOWCO light with 10# sks gilsonite, 125 sks of poly flake, 100 sks of 50/50 premium with 5# sks gilsonite, 15% CFR-3, 1% halas 9 Circulate 19 bbls of cement to surface Second stage. 20 bbls, chemical wash, 550 sks of Howco light with 5 lbs sks gilsonite, 125# sks poly flake 50 DKC premium G cement Circulate 90 bbls of cement to surface Pressure test to 1500 PSI for 30 minutes Rig down and release Rig



Amend Sundry to include Hole Size & Rig Release

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Sharla Bemrose	Title Administrative Specialist
Signature <i>Sharla Bemrose</i>	Date September 30, 2011

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

ACCEPTED FOR RECORD

OCT 06 2011

NMOCD *AL*

FARMINGTON FIELD OFFICE
SV sm



Operator: ELM RIDGE EXPLORATION, CO LLC.

Well Name: **Bisti Gallup 20-9**

Discription of Lease: 1980' FSL X 660' FEL

I - Sec. 20-T25N-R12W

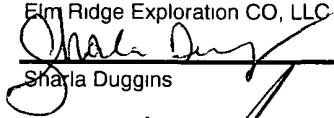
San Juan County

API: 30-045-34002

FROM	TO	DEVIATION
0'	123'	3/4
123'	245'	1 1/4
245'	360'	1
360'	468'	1
468'	529'	.6
529'	592'	.7
592'	654'	.7
654'	1002'	.6
1002'	1160'	.4
1160'	1317'	.7
1317'	1475'	.4
1475'	1581'	.6
1581'	1950'	3
1950'	2267'	.3
2267'	2743'	.4
2743'	3061'	.8
3061'	3348'	1
3348'	3918'	.3
3918'	4077'	4
4077'	4235'	.2
4235'	4869'	.6
4869'	5150' (TD)	.4

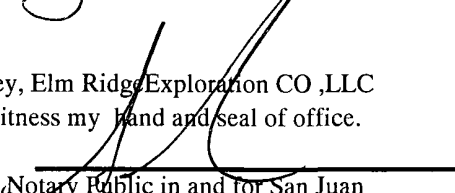
I hearby swear or (affirm) that the statements made are a full and correct report.

Elm Ridge Exploration CO, LLC


Sharla Duggins

Sworn to and subscribed before me by Amy Mackey, Elm Ridge Exploration CO ,LLC

This 4th day of October, 2011. To certify which witness my hand and seal of office.

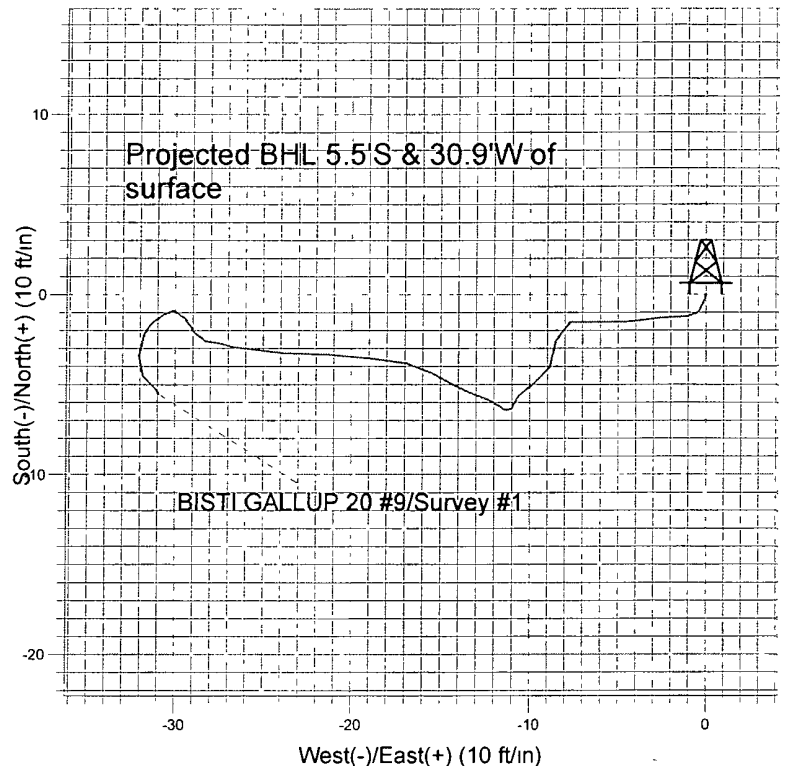
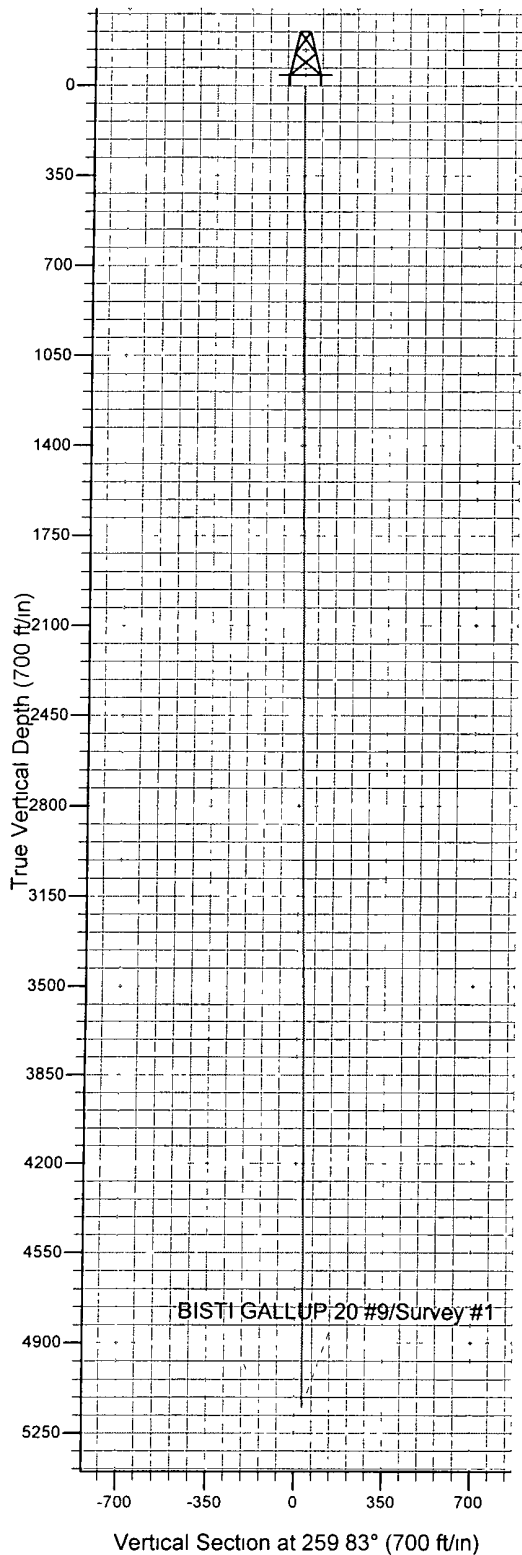

Notary Public in and for San Juan
County in the State of New Mexico.

My commission expires on: 8/17/2013



Well Name **BISTI GALLUP 20 #9**
 Surface Location BISTI GALLUP 20 PAD 20-25N-12W
 North American Datum 1983 , US State Plane 1983 , New Mexico Western Zone
 Ground Elevation 6342.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1959507.85 2636354.45 36.384817 -108.128013
 EST KB 13' RKB @ 6355.0ft (EST KB 13')

Elm Ridge Exploration



LEGEND

- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
 5150' MD & 5149.8' TVD
 @ 5.5' VS 0.5 deg Inc 142.1 deg AZ

Project SEC 20-T25N-R12W
 Site BISTI GALLUP 20 PAD 20-25N-12W
 Well BISTI GALLUP 20 #9
 Plan Wellbore #1



MESA WEST
DIRECTIONAL
TECHNOLOGIES USA | LLC

Elm Ridge Exploration

SEC.20-T25N-R12W

BISTI GALLUP 20 PAD 20-25N-12W

BISTI GALLUP 20 #9

Wellbore #1

Survey: Survey #1

Standard Survey Report

29 September, 2011

Survey Report

Company:	Elm Ridge Exploration	Local Co-ordinate Reference:	Well BISTI GALLUP 20 #9
Project:	SEC 20-T25N-R12W	TVD Reference:	RKB @ 6355 0ft (EST KB 13)
Site:	BISTI GALLUP 20 PAD 20-25N-12W	MD Reference:	RKB @ 6355 0ft (EST KB 13)
Well:	BISTI GALLUP 20 #9	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC 20-T25N-R12W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	New Mexico Western Zone		Using geodetic scale factor

Site	BISTI GALLUP 20 PAD 20-25N-12W		
Site Position:		Northing:	1,959,507 85 ft
From:	Lat/Long	Easting:	2,636,354 45 ft
Position Uncertainty:	0 0 ft	Slot Radius:	"
		Latitude:	36 384817
		Longitude:	-108 128013
		Grid Convergence:	-0 17 °

Well	BISTI GALLUP 20 #9		
Well Position	+N/-S	0 0 ft	Northing: 1,959,507 85 ft
	+E/-W	0 0 ft	Easting: 2,636,354 45 ft
Position Uncertainty	0 0 ft	Wellhead Elevation:	ft
		Latitude:	36 384817
		Longitude:	-108 128013
		Ground Level:	6,342 0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	9/22/2011	(°) 9 97
			Dip Angle (°) 63 08
			Field Strength (nT) 50,454

Design	Wellbore #1		
Audit Notes:			
Version:	1 0	Phase:	ACTUAL
		Tie On Depth:	0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0 0	0 0	0 0
			Direction (°) 259 83

Survey Program	Date 9/29/2011		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
385 0	5,150 0	Survey #1 (Wellbore #1)	MWD
			Description
			MWD - Standard

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0 0	0 00	0 00	0 0	0 0	0 0	0 0	0 00	0 00	0 00
385 0	0 00	0 00	385 0	0 0	0 0	0 0	0 00	0 00	0 00
418 0	1 00	193 60	418 0	-0 3	-0 1	0 1	3 03	3 03	0 00
479 0	0 60	230 00	479 0	-1 0	-0 4	0 6	1 03	-0 66	59 67
542 0	0 70	267 90	542 0	-1 2	-1 1	1 3	0 69	0 16	60 16
604 0	0 70	268 10	604 0	-1 3	-1 8	2 0	0 00	0 00	0 32
667 0	0 80	263 60	667 0	-1 3	-2 7	2 8	0 18	0 16	-7 14
731 0	0 80	263 20	731 0	-1 4	-3 5	3 7	0 01	0 00	-0 63
794 0	0 80	264 70	794 0	-1 5	-4 4	4 6	0 03	0 00	2 38
952 0	0 60	275 50	952 0	-1 5	-6 3	6 5	0 15	-0 13	6 84
1,110 0	0 40	261 10	1,109 9	-1 5	-7 7	7 9	0 15	-0 13	-9 11
1,267 0	0 70	195 40	1,266 9	-2 6	-8 5	8 8	0 41	0 19	-41 85
1,425 0	0 40	191 20	1,424 9	-4 0	-8 9	9 4	0 19	-0 19	-2 66

Survey Report

Company: Elm Ridge Exploration
Project: SEC 20-T25N-R12W
Site: BISTI GALLUP 20 PAD 20-25N-12W
Well: BISTI GALLUP 20 #9
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well BISTI GALLUP 20 #9
TVD Reference: RKB @ 6355 0ft (EST KB 13)
MD Reference: RKB @ 6355 0ft (EST KB 13)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: Landmark

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,583 0	0 60	245 70	1,582 9	-4 9	-9 7	10 4	0 31	0 13	34 49
1,742 0	0 30	200 30	1,741 9	-5 6	-10 6	11 5	0 28	-0 19	-28 55
1,900 0	0 30	218 50	1,899 9	-6 3	-11 0	12 0	0 06	0 00	11 52
2,059 0	0 20	341 60	2,058 9	-6 4	-11 4	12 3	0 28	-0 06	77 42
2,217 0	0 60	289 10	2,216 9	-5 9	-12 2	13 1	0 32	0 25	-33 23
2,376 0	0 30	294 80	2,375 9	-5 4	-13 4	14 2	0 19	-0 19	3 58
2,535 0	0 50	296 40	2,534 9	-4 9	-14 4	15 1	0 13	0 13	1 01
2,693 0	0 40	300 00	2,692 9	-4 4	-15 5	16 0	0 07	-0 06	2 28
2,852 0	0 70	286 50	2,851 9	-3 8	-16 9	17 3	0 20	0 19	-8 49
3,011 0	0 80	269 50	3,010 9	-3 5	-19 0	19 3	0 15	0 06	-10 69
3,169 0	0 90	279 70	3,168 9	-3 3	-21 3	21 5	0 11	0 06	6 46
3,328 0	1 00	265 40	3,327 8	-3 2	-23 9	24 1	0 16	0 06	-8 99
3,487 0	1 10	286 70	3,486 8	-2 9	-26 7	26 8	0 25	0 06	13 40
3,550 0	0 30	277 70	3,549 8	-2 7	-27 5	27 5	1 28	-1 27	-14 29
3,709 0	0 30	282 00	3,708 8	-2 6	-28 3	28 3	0 01	0 00	2 70
3,868 0	0 30	333 00	3,867 8	-2 1	-28 9	28 8	0 16	0 00	32 08
4,027 0	0 40	318 80	4,026 8	-1 3	-29 5	29 2	0 08	0 06	-8 93
4,185 0	0 20	278 20	4,184 8	-0 9	-30 1	29 8	0 18	-0 13	-25 70
4,344 0	0 30	228 00	4,343 8	-1 1	-30 7	30 4	0 15	0 06	-31 57
4,502 0	0 30	241 40	4,501 8	-1 6	-31 3	31 1	0 04	0 00	8 48
4,661 0	0 30	188 10	4,660 8	-2 2	-31 8	31 7	0 17	0 00	-33 52
4,819 0	0 60	196 40	4,818 8	-3 4	-32 1	32 2	0 19	0 19	5 25
4,978 0	0 40	125 40	4,977 8	-4 5	-31 8	32 1	0 38	-0 13	-44 65
5,100 0	0 50	142 10	5,099 8	-5 2	-31 2	31 6	0 13	0 08	13 69
5,150 0	0 50	142 10	5,149 8	-5 5	-30 9	31 4	0 00	0 00	0 00

Projection to TD

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
5,150 0	5,149 8	-5 5	-30 9	Projection to TD

Checked By _____

Approved By _____

Date _____

HALLIBURTON

BIM

ELM RIDGE EXPLORATION CO. LLC - EBUS

Bisti Gallup 20-9
FARMINGTON
San Juan County , New Mexico

Cement Multiple Stages

29-Sep-2011

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 302056	Ship To #: 2881016	Quote #:	Sales Order #: 8501575
Customer: ELM RIDGE EXPLORATION CO LLC - EBUS	Customer Rep: Angel, Johnny		
Well Name: Bisti Gallup	Well #: 20-9	API/UWI #:	
Field: FARMINGTON	City (SAP): FARMINGTON	County/Parish: San Juan	State: New Mexico
Contractor: Bearcat Drilling Co.	Rig/Platform Name/Num: Bearcat #1		
Job Purpose: Cement Multiple Stages			
Well Type: Development Well	Job Type: Cement Multiple Stages		
Sales Person: SNYDER, RANDALL	Srv Supervisor: PHILLIPS, MARK	MBU ID Emp #: 445272	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MARTIN, EHLER Dean	19	458474	PHILLIPS, MARK Bejar	19	445272	SALAZAR, PAUL Omar	19	445614
VANALSTYNE, TROY L	19	420256						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10011433C	45 mile	10025031	45 mile	10025041	45 mile	10296152C	45 mile
10897797	45 mile	10951250	45 mile	11381461	45 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09-28-2011	8	0	09-29-2011	11	11			

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	28 - Sep - 2011	12:00	MST
Job depth MD	5050. ft		Job Depth TVD	Job Started	28 - Sep - 2011	16:00	MST
Water Depth			Wk Ht Above Floor	Job Completed	29 - Sep - 2011	01:18	MST
Perforation Depth (MD)	From		To	Departed Loc	29 - Sep - 2011	10:54	MST
						13:30	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
7 7/8" Open Hole				7.875				387	5050		
Multiple Stage Cementer								3482	3482		
5 1/2" Casing	Unknown		5.5	4.95	15.5				5147		
8 5/8" Surface Casing	Unknown		8.625	8.097	24			387			

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CLR,FLT,5-1/2 8RD,14-23PPF,2-3/4	1	EA		HES
SHOE,FLOAT,5 1/2 8RD,2 3/4 SUPER SEAL	1	EA		
CEMENTER - TYPE H ES - 5-1/2 8RD	1	EA		
PLUG SET - FREE FALL - 5-1/2 8RD &	1	EA		
CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED	24	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
KIT,HALL WELD-A	2	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	5 5	1	HES	5147	Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar	5 5	1	HES	5098	Retainer					SSR plug set	5 5	1	HES
Insert Float										Plug Container			
Stage Tool	5 5	1	HES	3482						Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	CHEMICAL WASH	CHEMICAL WASH - SBM (21914)	20.00	bbl	8.4	.0	.0	4.0	
2	HLC Premium	HALLIBURTON LIGHT PREMIUM - SBM (12311)	150.0	sacks	12.1	2.04	10.17	6.0	9.25
3	50/50 PREMIUM	POZ PREMIUM 50/50 - SBM (12302)	100.0	sacks	13.5	1.3	5.16	4.0	5.16
4	Fresh Water Displacement		121.30	bbl	8.33	.0	.0	3.0	

Stage/Plug #: 2

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	CHEMICAL WASH	CHEMICAL WASH - SBM (21914)	20.00	bbl	8.4	.0	.0	4.0	
2	HLC Premium	HALLIBURTON LIGHT PREMIUM - SBM (12311)	550.0	sacks	12.3	1.92	9.73	3.0	9.73
3	Premium G	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	50.0	sacks	15.8	1.15	4.99	3.0	4.99
4	Fresh Water Displacement		82.90	bbl	8.33	.0	.0	3.0	

Calculated Values

Pressures

Volumes

Displacement	203	Shut In: Instant		Lost Returns	0	Cement Slurry	273	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	105	Actual Displacement	203	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	518

Rates

Circulating	6	Mixing	4	Displacement	3	Avg. Job	3
Cement Left In Pipe	Amount 48.9 ft	Reason	Shoe Joint				
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

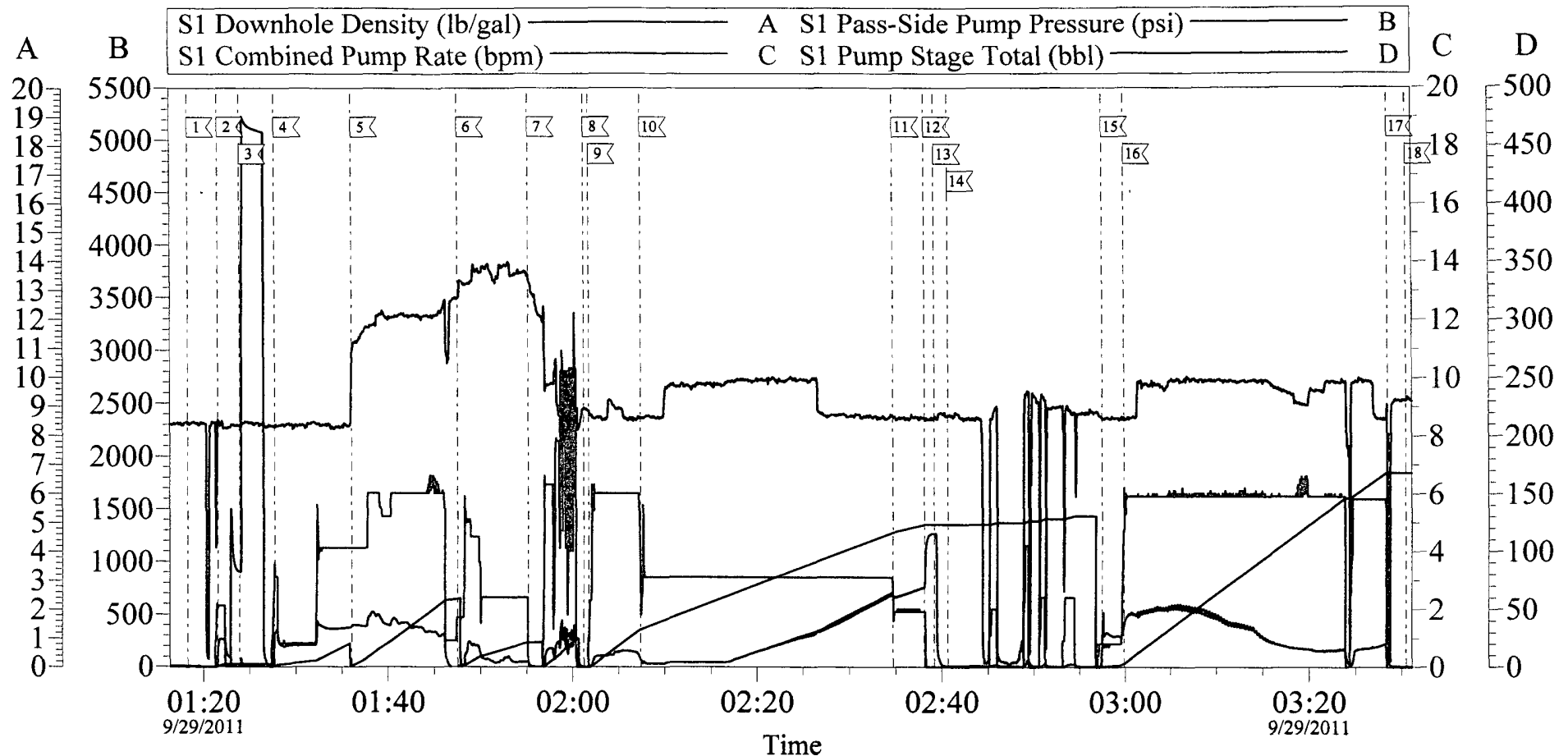
The Information Stated Herein Is Correct

Customer Representative Signature

ELM RIDGE EXPLORATION

2 STAGE PRODUCTION

BISTI GALLUP #20-9 1ST STAGE



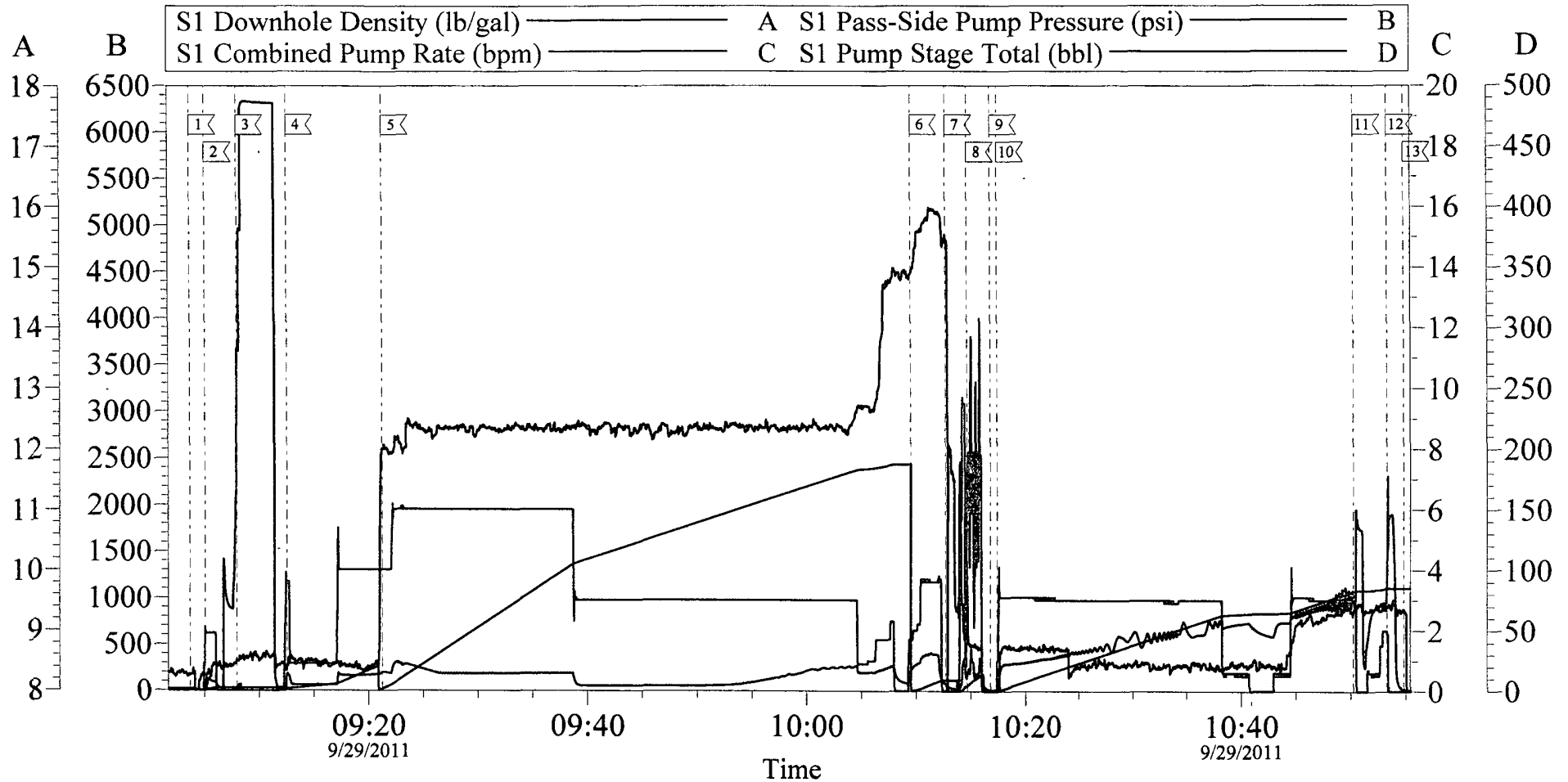
Local Event Log					
1	START JOB	01 18 17	2	FILL LINES	01 21 35
4	CHEMICAL WASH SPACER	01 27 46	5	LEAD CEMENT	01 36 05
7	SHUT DOWN/ WASH PUMP & LINES	01 55 12	8	DROP DART PLUG	02 01 15
10	SLOW RATE	02 07 26	11	SLOW RATE	02 34 44
13	CHECK FLOATS	02 39 12	14	DROP OPENING PLUG	02 40 39
16	CIRCULATE WELL	02 59 54	17	SHUT DOWN	03 28 30
			3	PRESSURE TEST	01 23 57
			6	TAIL CEMENT	01 47 33
			9	START DISPLACEMENT	02 01 46
			12	BUMP PLUG	02 38 09
			15	OPEN MSC TOOL	02 57 31
			18	END FIRST STAGE	03 30 29

Customer:	ELM RIDGE EXP	Job Date:	29-Sep-2011	Sales Order #:	8501575
Well Description:	BISTI EXPLORATION	Job Type:	2 STAGE PRODUCTION	ADC Used:	YES
Company Rep:	JOHNNY ANGEL	Cement Supervisor:	MARK PHILLIPS	Elite #:	9 PAUL SALAZAR

ELM RIDGE EXPLORATON

BISTI GALLUP # 20-9

2ND STAGE OF PRODUCTION



Local Event Log								
1	START JOB	09 03 43	2	FILL LINES	09 05 06	3	PRESSURE TEST	09 08 00
4	CHEMICAL WASH SPACER	09 12 35	5	LEAD CM=EMENT	09 21 17	6	TAIL CEMENT	10 09 31
7	SHUT DOWN	10 12 44	8	WASH PUMP & LINES	10 14 42	9	DROP CLOSING PLUG	10 16 51
10	START DISPLACEMENT	10 17 27	11	BUMP PLUG	10 50 17	12	CHECK MSC TOOL CLOSED	10 53 20
13	END JOB	10 54 51						

Customer:	ELM RIDGE EXPLORATION	Job Date:	29-Sep-2011	Sales Order #:	8501575
Well Description:	BISTI GALLUP 20-9	Job Type:	2 STAGE PRODUCTION	ADC Used:	YES
Company Rep:	JOHNNY ANGEL	Cement Supervisor:	MARK PHILLIPS	Elite #:	9 PAUL SALAZAR

OptiCem v6.4.10
29-Sep-11 11:50