

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 11 2011

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

Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1
☒ Oil Well ☐ Gas Well ☐ Other
2 Name of Operator
ELM RIDGE EXPLORATION CO LLC
3a. Address
PO BOX 156 BLOOMFIELD NM 87413
3b. Phone No. (include area code)
505-632-3476 EXT 201
4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
"B" - Sec. 20-T25N-R12W
660' FNL X 1980' FEL

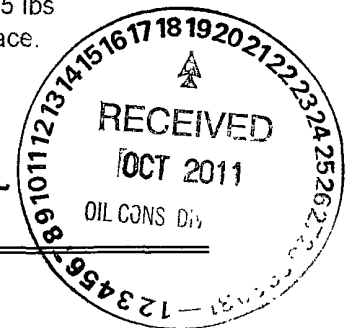
5. Lease Serial No
NMNM-25448
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No
8. Well Name and No
Bisti Gallup 20-2
9. API Well No
30-045-33944
10. Field and Pool, or Exploratory Area
Bisti Lower-Gallup
11. County or Parish, State
San Juan County

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

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other TD, Production Casing |
| | <input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon |
| | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 recompleation 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 reclamation, 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 10/6/2011. On 10/8/2011 We set 123 joints of 5 1/2" 15 5# J55 casing at 5159' First stage. 5 sks Gilsonite, 125 sks Poly E Flake, 15% CFR-C, 1% Halad 9, Circulate 20 bbls to surface
Second stage: 20 bbls, chemical wash, LEAD: 460 sks of Halliburton light premium Cement with 5 lbs sks gilsonite, 125# sks poly flak, TAIL 50 premium G cement. Circulate 35 bbls of cement to surface.
Pressure test to 1500 PSI for 30 minutes Rig down and release Rig



Include Hole Size and Date Rig Released.

* Revise: TD and Casing depth *

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed) Sharla Bemrose Title Administrative Specialist
Signature *Sharla Bemrose* Date October 10, 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

NMOCD

OCT 14 2011

FARMINGTON FIELD OFFICE
BY *SW*

HALLIBURTON

ELM RIDGE EXPLORATION CO LLC - EBUS

**Bisti Gallup 20-2
FARMINGTON
San Juan County , New Mexico**

**Cement Multiple Stages
08-Oct-2011**

Job Site Documents

The Road to Excellence Starts with Safety

| | | | |
|---|-----------------------------------|-------------------------|------------------------|
| Sold To #: 302056 | Ship To #: 2882589 | Quote #: | Sales Order #: 8530412 |
| Customer: ELM RIDGE EXPLORATION CO LLC - EBUS | Customer Rep: | | |
| Well Name: Bisti Gallup | Well #: 20-2 | 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 | Srvc Supervisor: WOOD, BRANDON | MBU ID Emp #: 412753 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|---------------------|---------|--------|---------------------|---------|--------|------------------------|---------|--------|
| AYERS, JACOB Cedric | 20.5 | 487729 | BEGAY, LYDELL James | 20.5 | 479804 | BRANDT, NICHOLAS Wayne | 18.5 | 487947 |
| DOBBS, GARY D | 9 | 122012 | MILLER, DAVID A | 20.5 | 484499 | WOOD, BRANDON M | 8.5 | 412753 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10011433C | 46 mile | 10025039 | 46 mile | 10025104 | 46 mile | 10724579 | 46 mile |
| 10897805 | 46 mile | 11292955 | 46 mile | 11324578 | 46 mile | 11338239 | 46 mile |
| 11583925 | 46 mile | 11583928 | 46 mile | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|-------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| | | | | | | | | |
| TOTAL | | | | | | | | |

Total is the sum of each column separately

Job

| Formation Name | Formation Depth (MD) | Top | Bottom | Form Type | Job depth MD | Job Depth TVD | Water Depth | Perforation Depth (MD) | From | To |
|----------------|----------------------|-----|--------|-----------|--------------|---------------|-------------|------------------------|------|----|
| | | | | BHST | 5158.8 ft | 5115. ft | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Job Times

| Date | Time | Time Zone |
|-----------------|-------|-----------|
| 07 - Oct - 2011 | 13:00 | MST |
| 07 - Oct - 2011 | 16:00 | MST |
| 08 - Oct - 2011 | 03:37 | MST |
| 08 - Oct - 2011 | 00:00 | MST |
| 08 - Oct - 2011 | 00:00 | 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. | 5150. | | |
| Multiple Stage Cementer | | | | | | | | 3499. | 3500. | | |
| 5 1/2" Casing | Unknown | | 5.5 | 4.95 | 15.5 | | | . | 5150. | | |
| 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 | | |
| SHOE,FLOAT,5 1/2 8RD,2 3/4 SUPER SEAL | 1 | EA | | |
| CMTR,TY H ES-II 5-1/2 LG 8RD 14-17 LBS/F | 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 | | | | | Packer | | | | | Top Plug | | | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | | | |
| Stage Tool | | | | | | | | | | 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 | .0 | |
| 2 | HLC Premium | HALLIBURTON LIGHT PREMIUM - SBM (12311) | 150.0 | sacks | 12.3 | 1.94 | 10.04 | | 10.04 |
| | 5 lbm | KOL-SEAL, 50 LB BAG (100064232) | | | | | | | |
| | 0.125 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 10 039 Gal | FRESH WATER | | | | | | | |
| 3 | 50/50 PREMIUM | POZ PREMIUM 50/50 - SBM (12302) | 100.0 | sacks | 13.5 | 1.3 | 5.54 | | 5.54 |
| | 2.5 lbm | KOL-SEAL, 50 LB BAG (100064232) | | | | | | | |
| | 0.125 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 0.15 % | CFR-3, W/O DEFOAMER, 50 LB SK (100003653) | | | | | | | |
| | 0.1 % | HALAD(R)-9, 50 LB (100001617) | | | | | | | |
| | 5.54 Gal | FRESH WATER | | | | | | | |
| 4 | Fresh Water Displacement | | 122.00 | bbl | 8.33 | .0 | .0 | .0 | |

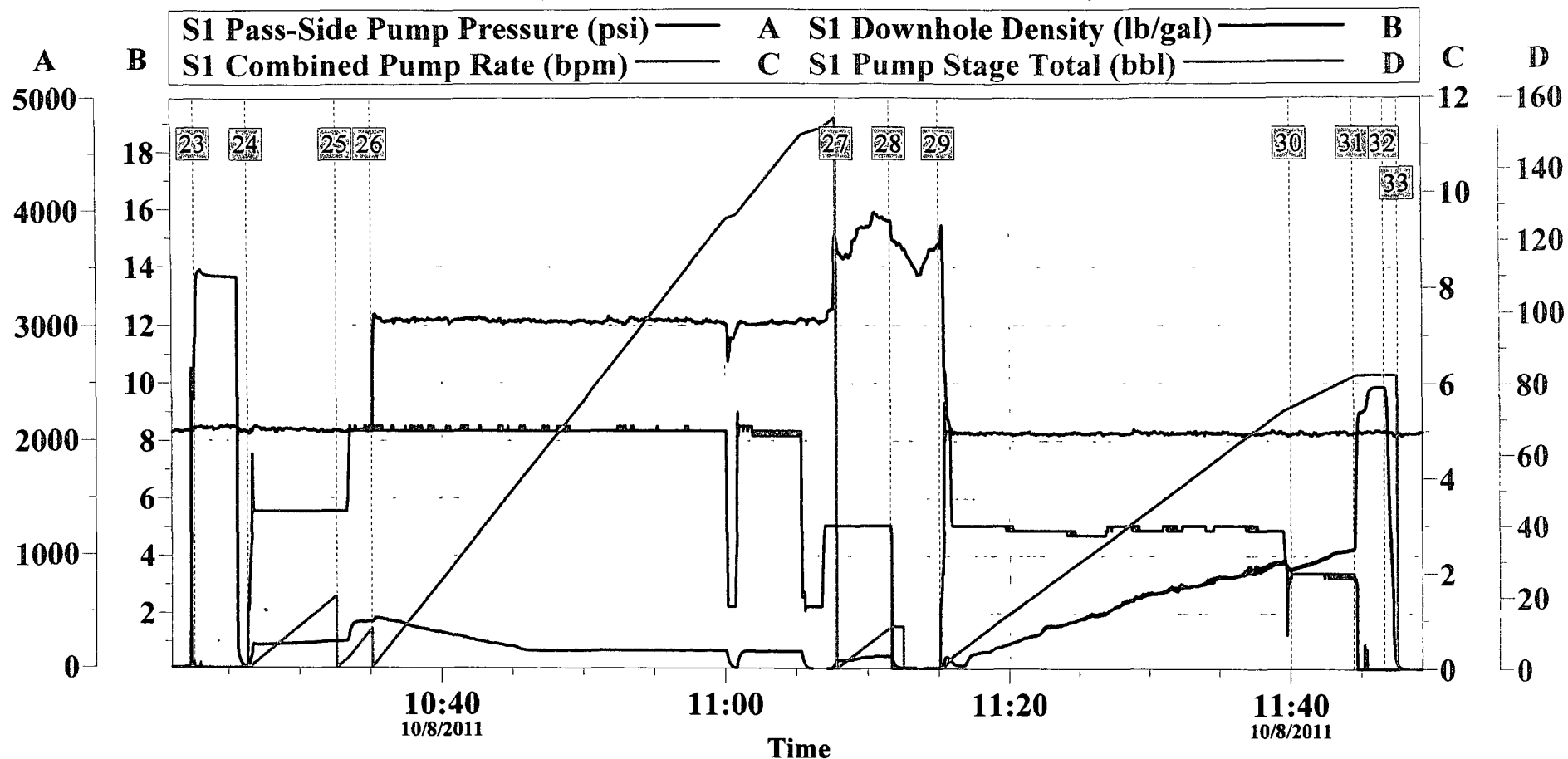
| Stage/Plug #: 2 | | | | | | | | | |
|-----------------|--------------------------|---|-------|---------|--------------------|-----------|---------------|----------|---------------------|
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density uom | Yield uom | Mix Fluid uom | Rate uom | Total Mix Fluid uom |
| 1 | CHEMICAL WASH | CHEMICAL WASH - SBM (21914) | 20.00 | bbl | 8.4 | .0 | .0 | .0 | |
| 2 | HLC Premium | HALLIBURTON LIGHT PREMIUM - SBM (12311) | 460.0 | sacks | 12.3 | 1.92 | 10.12 | | 10.12 |
| | 2.5 lbm | KOL-SEAL, 50 LB BAG (100064232) | | | | | | | |
| | 0.125 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 10.124 Gal | FRESH WATER | | | | | | | |
| 3 | Premium G | CMT - PREMIUM - CLASS G, 94 LB SK (100003685) | 50.0 | sacks | 15.8 | 1.15 | 4.99 | | 4.99 |
| | 94 lbm | CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685) | | | | | | | |
| | 4.989 Gal | FRESH WATER | | | | | | | |
| 4 | Fresh Water Displacement | | 83.10 | bbl | 8.33 | .0 | .0 | .0 | |

| Calculated Values | | Pressures | | Volumes | |
|-------------------|--|------------------|--|---------------------|--|
| Displacement | | Shut In: Instant | | Lost Returns | |
| Top Of Cement | | 5 Min | | Cement Returns | |
| Frac Gradient | | 15 Min | | Spacers | |
| | | | | Cement Slurry | |
| | | | | Actual Displacement | |
| | | | | Load and Breakdown | |
| | | | | Pad | |
| | | | | Treatment | |
| | | | | Total Job | |

| | | | | | | | | | | | |
|--|--|--------|-------|-----------------|------------|-----------------------------------|--|-----------------|--|----|--|
| Rates | | | | | | | | | | | |
| Circulating | | Mixing | | Displacement | | Avg. Job | | | | | |
| Cement Left In Pipe | | Amount | 42 ft | Reason | Shoe Joint | | | | | | |
| Frac Ring # 1 @ | | ID | | Frac ring # 2 @ | | ID | | Frac Ring # 3 @ | | ID | |
| The Information Stated Herein Is Correct | | | | | | Customer Representative Signature | | | | | |

ELMRIDGE

BISTI GALLUP, # 20-2, 2 STAGE PRODUCTION, 2ND STAGE



Global Event Log

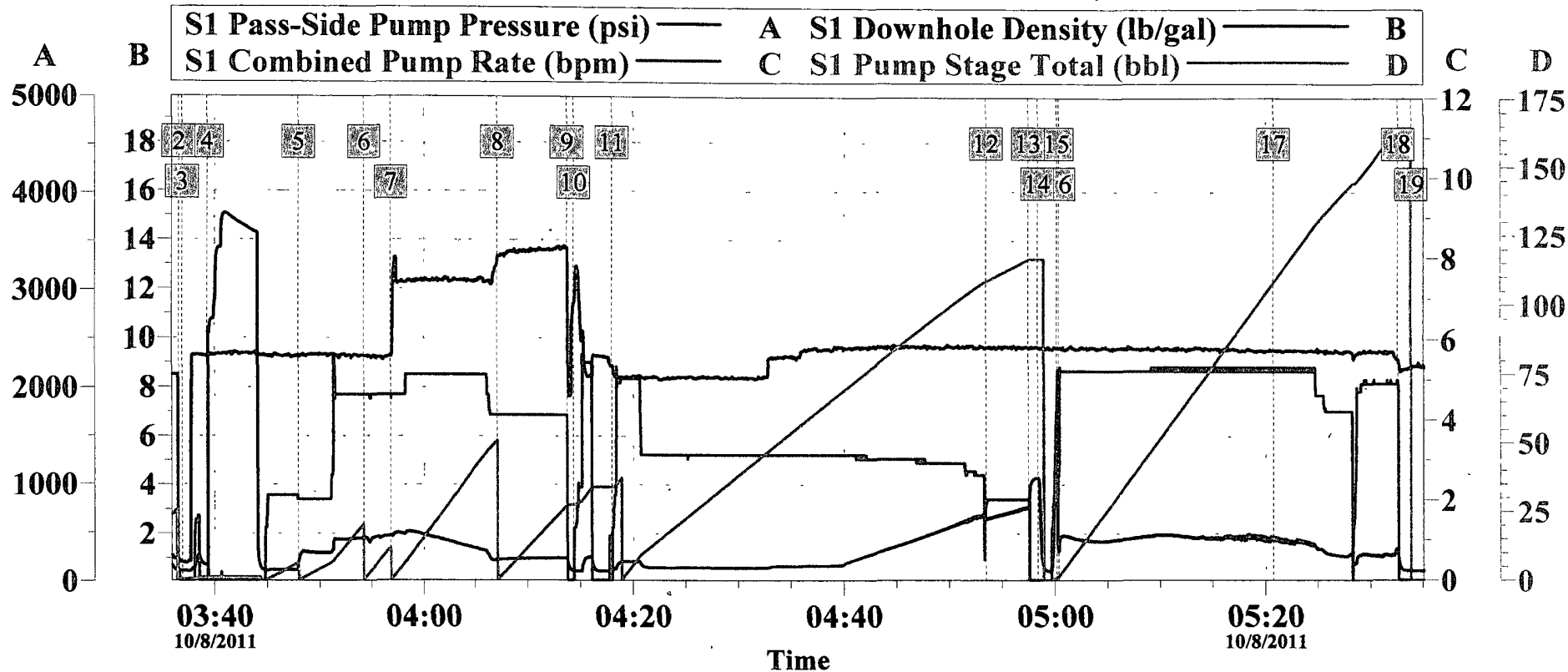
| | | | | | | | | |
|----|-------------------|----------|----|------------------|----------|----|---------------|----------|
| 23 | Test Lines | 10:22:36 | 24 | Pump Spacer 1 | 10:26:20 | 25 | Pump Spacer 2 | 10:32:38 |
| 26 | Pump Lead Cement | 10:35:05 | 27 | Pump Tail Cement | 11:07:55 | 28 | Drop Plug | 11:11:38 |
| 29 | Pump Displacement | 11:15:04 | 30 | Slow Rate | 11:40:00 | 31 | Bump Plug | 11:44:27 |
| 32 | Check Floats | 11:46:35 | 33 | End Job | 11:47:33 | | | |

| | | | | | |
|-------------------|---------------------|---------------------|--------------------|-----------------|------------------------|
| Customer: | ELMRIDGE | Job Date: | 08-Oct-2011 | Sales Order #: | 8530412 |
| Well Description: | BISTI GALLUP # 20-2 | Job type: | 2 STAGE PRODUCTION | ADC Used: | YES |
| Customer Rep: | JOHNNY ANGEL | Service Supervisor: | BRANDON WOOD | Operator/ Pump: | DAVID MILLER, 11324578 |

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08-Oct-11 12:07

ELMRIDGE

BISTI GALLUP, # 20-2, 2 STAGE PRODUCTION, 1ST STAGE



Global Event Log

| | | | | | |
|------------------------------|----------|-----------------|----------|--------------------|----------|
| 2 Start Job | 03:36:38 | 3 Starting Job | 03:36:59 | 4 Test Lines | 03:39:19 |
| 5 Pump Spacer 1 | 03:47:58 | 6 Pump Spacer 2 | 03:54:15 | 7 Pump Lead Cement | 03:56:50 |
| 8 Pump Tail Cement | 04:07:06 | 9 Shutdown | 04:13:44 | 10 Clean Lines | 04:14:21 |
| 11 Pump Displacement | 04:17:59 | 12 Slow Rate | 04:53:29 | 13 Bump Plug | 04:57:28 |
| 14 Check Floats | 04:58:22 | 15 Open MSC | 05:00:12 | 16 Circulate Well | 05:00:22 |
| 17 Cement Returns to Surface | 05:20:45 | 18 Shutdown | 05:32:39 | 19 End Job | 05:33:57 |

Customer: ELMRIDGE
Well Description: BISTI GALLUP # 20-2
Customer Rep: JOHNNY ANGEL

Job Date: 08-Oct-2011
Job type: 2 STAGE PRODUCTION
Service Supervisor: BRANDON WOOD

Sales Order #: 8530412
ADC Used: YES
Operator/ Pump: DAVID MILLER, 11324578

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08-Oct-11 06:08