

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

5. Lease Serial No.

NMNM-20304

6. If Indian, Allottee or Tribe Name

RCVD MAR 24 '08

7. If Unit or CA/Agreement, Name and/or N

OIL CONS. DIV.
DIST. 3

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Exploration Company, LLC

3a. Address

PO BOX 156, Bloomfield, NM 87413

3b. Phone No. (include area code)

505-632-3476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 23-T24N-R8W

973' FSL X 2004' FWL

8. Well Name and No.

South Blanco Federal 23-2

9. API Well No.

30-045-28162

10. Field and Pool, or Exploratory Area

Lybrook Gallup

11. County or Parish, State

San Juan, NM

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
	☐ 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 recompleat 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 recompleat 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 Company, LLC has plugged and abandoned this well from March 1, 2008 to March 6, 2008 as follows: Plug # 1) 3-3-08, MIRU could not get the TBG anchor released, got a verbal ok from Steave Mason to cut off and leave in hole at 5422' 3-5-08, set cement retainer at 5364' test casing to 500 PSI, held ok and pumped 19 sks below retainer and 16 sks above retainer. Plug # 2) 3-5-08, set balance plug with 15 sks of cement EOT at 2815' covered 2698' to 2798'. Plug # 3) 3-5-08, balance plug with 15 sks of cement, EOT at 2359' covered 2260' to 2360'. Plug # 4) 3-5-08, balance plug with 75 sks of cement, EOT at 1988' covered 1221' to 1988'. Plug # 5) 3-5-08, set plug EOT at 363' pumped 31 sks of cement to surface and topped off well. Job was witnessed by John McKinney and Oscar with the BLM.

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

Name (Printed/Typed)

Sharla O'Kelly

Title

Production Assistant

Signature

Sharla O'Kelly

Date

March 7, 2008

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)

MAR 21 2008

NMOCD B

FARMINGTON FIELD OFFICE

TO:	DOBBS, GARY
FROM:	STROMBERG, STEVEN
REQUESTED ON LOCATION:	05-Mar-2008 07:00 MST
CUSTOMER:	ELM RIDGE RESOURCES INC
WELL NAME/NBR/LEASE:	South Blanco Federal 23 , 002 /

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MBU LEADER: BE SURE THAT YOU HAVE RECEIVED EACH OF THE DOCUMENTS LISTED ABOVE. IF NOT, CONTACT CENTRAL DISPATCH IMMEDIATELY.

ELM RIDGE RESOURCES INC

**South Blanco Federal 23 002
LYBROOK GALLUP
San Juan County , New Mexico**

**Plug to Abandon Service
05-Mar-2008**

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 302056		Ship To #: 2637190		Quote #:		Sales Order #: 5730405	
Customer: ELM RIDGE RESOURCES INC				Customer Rep:			
Well Name: South Blanco Federal 23			Well #: 002		API/UWI #: 3004528162		
Field:		City (SAP): UNKNOWN		County/Parish: San Juan		State: New Mexico	
Legal Description: Section 23 Township 24N Range 8W							
Job Purpose: Plug to Abandon Service							
Well Type: Producing Well				Job Type: Plug to Abandon Service			
Sales Person: SNYDER, RANDALL			Srv Supervisor: DOBBS, GARY			MBU ID Emp #: 122012	
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
DOBBS, GARY D	11.3	122012	HUFFMAN, MIKE	11.3	443479	WAGON, GLENSON C	11.3
WOOD, BRANDON M	11.3	412753					
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025104	65 mile	10248031C	65 mile	10741123	65 mile	10948692	65 mile
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
3/5/08	11.5	4					
TOTAL			Total is the sum of each column separately				
Job				Job Times			
Formation Name				Date			
Formation Depth (MD) Top				Time			
Bottom				Time Zone			
Form Type				Called Out			
BHST				05 - Mar - 2008			
Job depth MD				On Location			
3000. ft				05 - Mar - 2008			
Job Depth TVD				06:30			
3000. ft				MST			
Water Depth				Job Started			
Wk Ht Above Floor				05 - Mar - 2008			
2. ft				10:05			
Job Completed				05 - Mar - 2008			
17:00				MST			
Perforation Depth (MD) From				Job Completed			
To				05 - Mar - 2008			
17:45				MST			
Well Data							
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade
7 7/8 Open Hole				7.875			
Production Casing	New		4.5	4.052	10.5		J-55
2 3/8 Tubing	New		2.375	1.995	4.6		P-110
							3000.
							3000.
							3000.
							3000.
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Conc	
Treatment Fld		Conc		Inhibitor		Conc	
				Acid Type		Qty	Conc
				Sand Type		Size	%

HALLIBURTON

Cementing Job Summary

Fluid Data												
Stage/Plug #: 1												
Fluid #	Stage Type	Fluid Name	Qty	Qty	nom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Total Gal/sk		
1	Water Spacer			10.0	bbl		.0	.0		.0		
2	Cement	CMT - CLASS V CEMENT, BULK (1012270676)		300.0	sacks	15.4	1.23	5.55		5.55		
CEMENT STANDARD TYPE V, BULK (101394863)												
CALCIUM CHLORIDE - HI TEST PELLETT (100005053)												
FRESH WATER												
5.553 Gal												
3	Water				bbl					.0		
Calculated Values			Pressures			Volumes						
Displacement	Shut In: Instant	Lost Returns	Cement Slurry	Pad		Top Of Cement	5 Min	Cement Returns	Actual Displacement	Load and Breakdown	Total Job	
Frac Gradient	15 Min	Spacers										
Rates												
Circulating	Mixing	Displacement	Avg. Job									
Cement Left in Pipe	Amount	0 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												

The Road to Excellence Starts with Safety

Sold To #: 302056	Ship To #: 2637190	Quote #:	Sales Order #: 5730405
Customer: ELM RIDGE RESOURCES INC		Customer Rep:	
Well Name: South Blanco Federal 23	Well #: 002	API/UWI #: 3004528162	
Field:	City (SAP): UNKNOWN	County/Parish: San Juan	State: New Mexico
Legal Description: Section 23 Township 24N Range 8W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor:	Rig/Platform Name/Num: Basic 1229		
Job Purpose: Plug to Abandon Service		Ticket Amount:	
Well Type: Producing Well	Job Type: Plug to Abandon Service		
Sales Person: SNYDER, RANDALL	Srv Supervisor: DOBBS, GARY	MBU ID Emp #: 122012	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	03/05/2008 06:30							
Assessment Of Location Safety Meeting	03/05/2008 06:35							
Pre-Rig Up Safety Meeting	03/05/2008 07:15							
Rig-Up Equipment	03/05/2008 07:30							
Pre-Job Safety Meeting	03/05/2008 09:45							
Start Job	03/05/2008 10:05							
Test Lines	03/05/2008 10:07					2000.0		
Establish Rate	03/05/2008 10:09		1.8	7		675.0		WATER
Pump Cement	03/05/2008 10:17		2	7.6		350.0		TYPE V W/1%CACL2
Pump Displacement	03/05/2008 10:21		2	17.25		500.0		WATER
Reverse Circ Well	03/05/2008 10:44		2	25		550.0		WATER
Wait on Customer or Customer Sub-Contractor Equip	03/05/2008 10:55							POH WOC
Wait on Customer or Customer Sub-Contractor Equipm	03/05/2008 14:00							TAG CEMENT
Start Job	03/05/2008 14:37							
Pump Spacer 1	03/05/2008 14:38		2	3		50.0		WATER
Pump Cement	03/05/2008 14:50		2	3.3		231.0		TYPE V CEMENT

Sold To # : 302056

Ship To # :2637190

Quote # :

Sales Order # :

5730405

SUMMIT Version: 7.20.130

Wednesday, March 05, 2008 05:20:00

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	03/05/2008 14:52		2	9		70.0		WATER
Wait on Customer or Customer Sub-Contractor Equip	03/05/2008 14:55							PULL TUBING UP HOLE
Pump Spacer 1	03/05/2008 15:11		2	3		115.0		WATER
Pump Cement	03/05/2008 15:12		2	3.3		160.0		TYPE V CEMENT MIXED @ 15.4#
Pump Displacement	03/05/2008 15:14		2	7		.0		WATER
Wait on Customer or Customer Sub-Contractor Equip	03/05/2008 15:20							PULL TUBING UP HOLE
Pump Spacer 1	03/05/2008 15:34		2	3		123.0		WATER
Pump Cement	03/05/2008 15:35		2	16.4		189.0		TYPE V CEMENT MIXED @ 15.4#
Pump Displacement	03/05/2008 15:41		2	2		2.0		WATER
Wait on Customer or Customer Sub-Contractor Equip	03/05/2008 15:45							PULL TUBING UP HOLE
Start Job	03/05/2008 16:27							
Pump Spacer 1	03/05/2008 16:28		2	3		50.0		WATER
Pump Cement	03/05/2008 16:29		2	9		.0		TYPE V CEMENT MIXED @ 15.4
End Job	03/05/2008 17:04							

Sold To # : 302056

Ship To # : 2637190

Quote # :

Sales Order # :

5730405

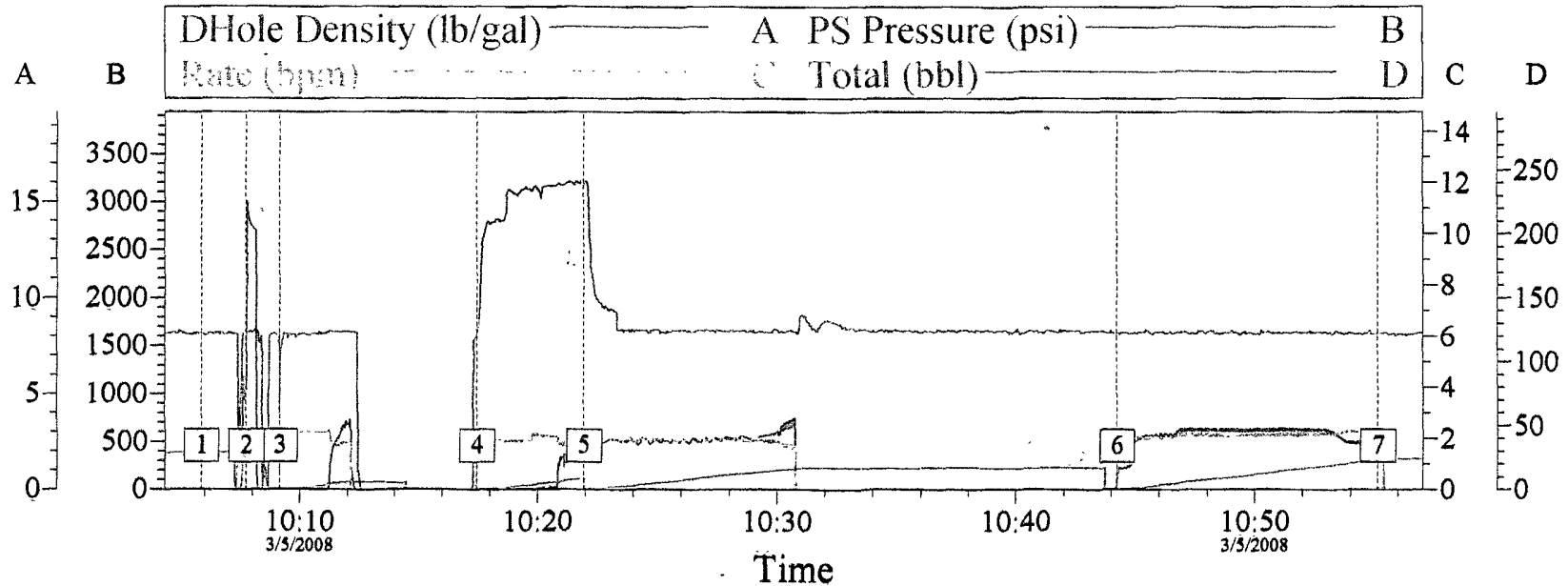
SUMMIT Version: 7.20.130

Wednesday, March 05, 2008 05:20:00

ELM RIDGE

PLUG TO ABANDON

PLUG #1



Event Log			
Intersection	PP	Intersection	PP
1 START JOB	10:05:52 -27.38	2 TEST LINES	10:07:44 1096
3 EST. RATE	10:09:08 4.690	4 PUMP CEMENT	10:17:28 3.299
5 PUMP DISPLACEMENT	10:21:56 538.5	6 REV. CIRCULATE WELL	10:44:13 56.30
7 END JOB	10:55:08 506.2		

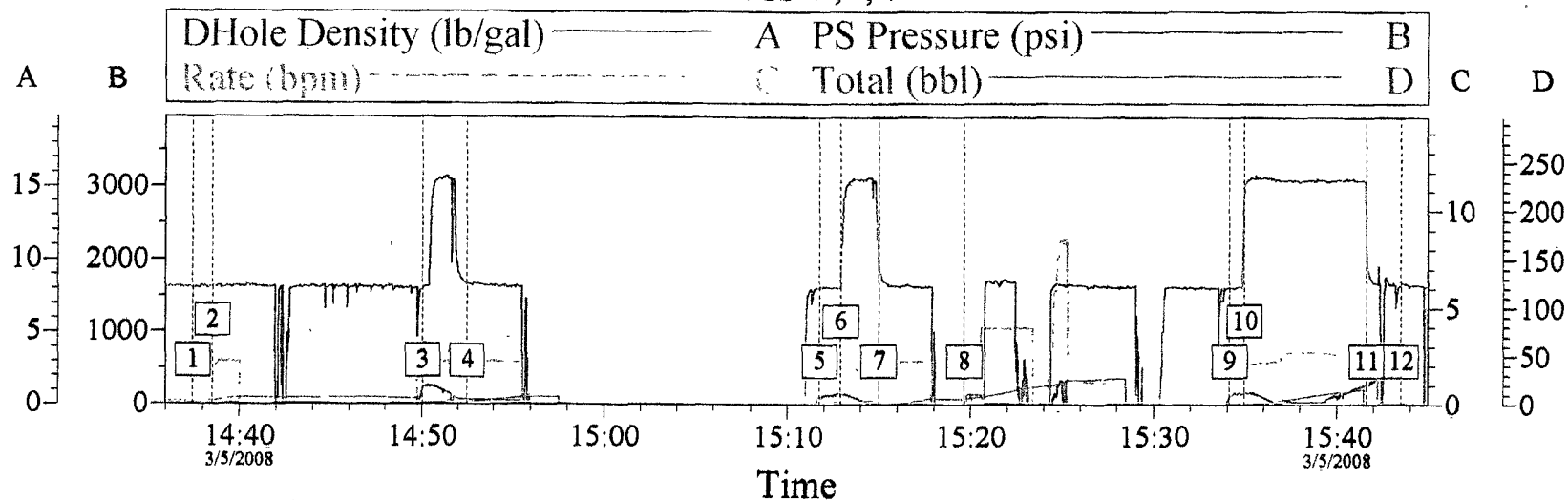
Customer:	Job Date:	Ticket #:
Well Desc:	UWI:	

CemWin v1.7.2
05-Mar-08 10:59

ELM RIDGE

PLUG TO ABANDON

PLUGS 2, 3, 4



Event Log			
Intersection	PP	Intersection	PP
1 START JOB	14:37:28 -1 606	2 BREAK CIRCULATION	14:38:32 -0.285
3 PUMP CEMENT	14:50:02 231.6	4 PUMP DISPLACEMENT	14:52:30 70.78
5 BREAK CIRCULATION	15:11:45 115.7	6 PUM[P CEMENT	15:12:54 160.2
7 PUMP DISPLACEMENT	15:14:58 4.342	8 CLEAN LINES	15:19:38 -2 933
9 BREAK CIRCULATION	15:34:07 123.8	10 PUMP CEMENT	15:34:56 189.4
11 PUMP DISPLACEMENT	15:41:36 287.9	12 END JOB	15:43:29 -4.139

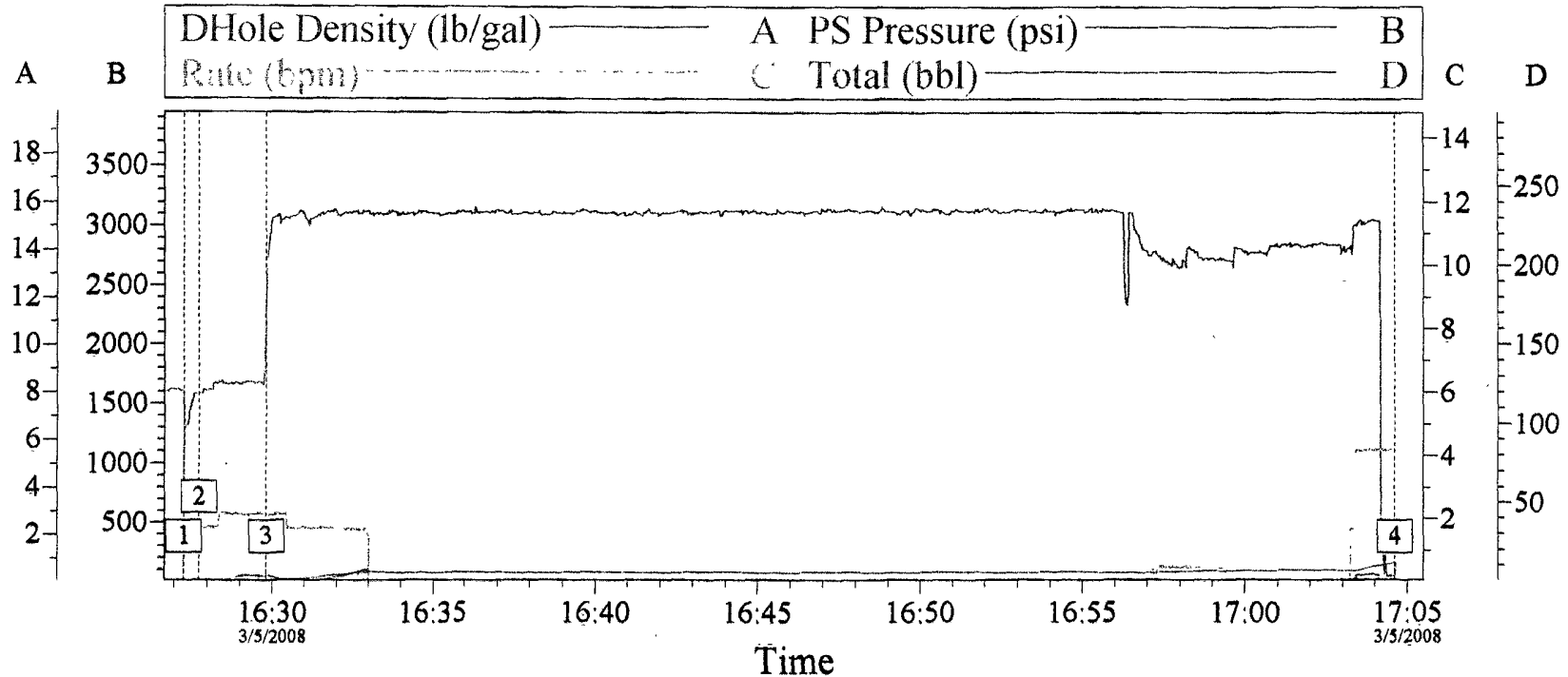
Customer:	Job Date:	Ticket #:
Well Desc:	UWI:	

CemWin v1.7.2
05-Mar-08 15:47

ELM RIDGE

PLUT TO ABANDON

PLUG # 5



Event Log			
Intersection	PP	Intersection	PP
1 START JOB	16:27:18 5.981	2 BREAK CIRCULATION	16:27:46 -2.933
3 PUMP CEMENT	16:29:49 49.97	4 END JOB	17:04:37 0.597

Customer:	Job Date:	Ticket #:
Well Desc:	UWI:	

CemWin v1.7.2
05-Mar-08 17:05

ELM RIDGE RESOURCES INC.

BLOOMFIELD NM
OFFICE (505) 632-3476

FAX (505) 632-8151

Date: 3-1-08

Well/Facility: So. Blanco Fed 23-2

Type of work completed: PTA - miru - LD RODS - could not get TBG Anchor Released - Got Verbal OK FROM STEVE MASON by Terry Lindeman to cut off and leave in hole on 3-3-08. L.D. TBG After cutting off at 5422' 3-5-08 Set cmt. Ret. At 5364' Test CAS. 500 PSI. Held OK. Pumped 19 SKs below Retainer and 16 SKs Above Retainer. WOC 3 hrs. Tagged at.

m.s. 2nd plug - Balanced. 15 SKs. EOT @ 2815' covered 2698' to 2798' - called for 115 SKs.

m.s. 3rd plug - Balanced 15 SKs EOT @ 2369' covered 2260' - 2360' - called for 115 SKs.

4th plug Balanced 75 SKs EOT @ 1988' covered 1221' - 1988' - called for 685 SKs.

5th plug. EOT @ 363' pumped 31 SKs until cement to surface. Tagged off.

LD. 11 Jnts. NOBOP TOP OFF CASING.

Dana Thomas BLM

Witnessing Agency:

- ☒ BLM
- ☐ NMOCD
- ☐ COGCC
- ☐ EPA
- ☐ Tribal (specify) _____

Witness Name: John B. McKinney (print)

Witness Title: Oil & Gas Inspector - PET - BLM

Signature: John B. McKinney

Was work completed according to the witnessing agency regulations: _____

Comments: Circ. hole clean - 1/2 bbl. oil recovered.

15 joint TBG on top of anchor with 184' TBG under anchor left in hole and cemented, one to anchor stuck, top of fish at 5422'

(We pumped more SKs than procedure called for to be safe on all plugs. Job witnessed by 2 BLM Agents.

Basic Rq 1229. Companyman Marty Stiegel