

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Amended

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

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.

5. Lease Serial No.

BIA # 9

6. If Indian, Allottee or Tribe Name

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

RECEIVED RCVD FEB28'07

070 FARMINGTON NM OIL CONS. DIV.

8. Well Name and No.

DIST. 3

Jicarilla Apache A-13

9. API Well No.

30-039-27405

10. Field and Pool, or Exploratory Area

Blanco PC S & Ot. Chac.

11. County or Parish, State

Rio Arriba County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Resources, Inc.

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)

880' FNL X 1856' FWL

Sec.35-T25N-R5W

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Well Shut-Off

☐ Well Integrity

☒ Other Spud and Surface casing

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 recomplate 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 recomplate 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 Resources, Inc. Spud the above referenced well on 9-8-04. Drilled an 8 3/4" hole to 266' KB. Ran 7" J55 23# casing and set @ 263'. Cemented with 70 sks standard cement. This included 100% excess required by the BLM. We lost most of our returns before we had cement to surface. Ran tempuature survey and it showed top @ 150'. Shot 2 holes and tried to get returns with no luck. Mixed 20 bbls. 25% LCM. We still had no returns. Mixed and pumped 50 sks. same cement and pumped away into holes and then waited 2 hours. Set another 20 sks and let cement set for 10 hours. No cement to surface. Pressure tested casing to 1500 PSI.

COA: Identify TOC TOC 150' (temp survey)

Adm	Amy
Engr	OTR
Geol	
Surf	
Appvl	OPD

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

Name (Printed/Typed)

Amy Mackey

Title

Production Technician

Signature

Date

September 16, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Division of Multi-Resources

DEC 10 2004

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)

FARMINGTON

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DEPARTMENT OF THE INTERIOR
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Jicarilla Apache A-13

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070 FARMINGTON NM

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Sec.35-T25N-R5W

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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 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

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Elm Ridge Resources Inc. drilled a 6 1/4" hole to TD of 4113' as of 9/21/2004. We ran 4103' KB of 4 1/2" J55 10.5 casing. Pumped 600 sks. Of 50/50/POZ cement. We started job with 10 bbls of fresh water, 20 bbl mud flush, 10 bbls fresh water, 136 bbl of slurry, 66.5 bbls of fresh displacement and bumped plug. We had returns through 90% of job, but no cement to surface. Pressures showed cement was up in the surface pipe. Pressure tested casing to 1500 PSI.

Adj'd Amy
Engr OR
Geol
Surf
App'l OR

COA: Identify TOC

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

Name (Printed/Typed) Amy Mackey Title Production Technician

Signature [Signature] Date September 23, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by [Signature] Division of Multi-Resources Date DEC 10 2004

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.

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(Instructions on reverse)

RCVD FEB28'07
OIL CONS. DIV.
DIST. 3

FARMINGTON

ELM RIDGE RESOURCES DAILY DRILLING REPORT

39-27405.

WELL NAME Jicarilla Apache A-13 CONTRACTOR Bear Cat #1
 DEPTH @ REPORT 266 FOOTAGE 266 CUM. DRLG. HRS. 4
 PRESENT OPERATION WOC for 10 hours due to trouble with cement surface. CUM. DAYS (FROM SPUD) 2
 Report time will be from 12:00AM to 12:00AM present operation will be 6 hours ahead at 6:00AM next day.

TIME BREAKDOWNS

Drilling 2.25 Trips 1 Surveys .5 Safety Meeting .5
 Reaming Circ. 1.5 Rig Service .5 Cement
 WOC BOP Run Csg 2 Nipple down

BIT SUMMARY

Bit No.	Size	Make	Type	Serial No.	Depth In	Depth Out	Footage Drilled	Rotating Hours	Nozzle Size	Condition T B G	Ft/Hr
1	8 3/4										

SURVEYS:

MUD PROPERTIES

Mud Wt. Vis. WL Filter Cake /32 pH Oil% Water %
 PV YP Gels Alkalinity (PPM) Salt #/bbl
 Solids %Sand % Calcium Chlorides Other Spud mud
 Mud mixed last 24 hrs.

DRILLING ASSEMBLY

BHA RCVD MAR13'07

OIL CONS. DIV.

W.O.B. All weight RPM 80 Pump PSI 500 GPM AVDP/AVDO
 Pump #1: Liner 5 1/2 Stroke Length 8" SPM DIST. 3
 Pump #2: Liner 6 1/2 Stroke Length 8" SPM Date of B.O.P. Test
 SLM: Board Talley Correction Hours on BHA

DAILY COSTS

	DAILY	CUMULATIVE
Road & Location		
Rig Cost	\$ 6,850.00	\$ 13,700.00
Fuel		
Casing (Size 7")		
Cementing	\$ 3,887.00	\$ 3,887.00
Bits		
Downhole Rental		
Special Tool Rental		
Formation Testing		
Directional		
Water		
Misc.	\$ 90.00	\$ 180.00
Forklift		\$ 2,100.00

Cole Thomas Witness.

Mud
 Trucking-Mud
 Trucking
 Super.
 Wireline
 Geologist
 Fishing Costs
 Solids Control Equip.
 Trailer
 Well Head
 Casing Crew
 Casing inspection
 Total Cost

	DAILY	CUMULATIVE
	\$	2,545.00
	\$ 687.00	\$ 687.00
	\$ 1,000.00	\$ 1,000.00
	\$ 1,500.00	\$ 1,500.00
	\$	25,599.00

DETAIL:

8 3/4 ok.

Drilled surface to 266' and circulated hole clean. TOH and back in and circulated clean again. We came out of the hole laying down collars. Rigged up casing crew to run 7" surface pipe. Circulated on bottom and then rigged up Halliburton to pump cement. We had full returns throughout the job until the end and we only had about 1/4 of returns. We didn't get cement to surface, but we had already dropped the plug when we started losing returns. So we bumped the plug and the float didn't hold. We left valve shut and walked 8 hours then rigged up Wilson Services to run temp. survey. It showed top of cement @ 150' from top. We couldn't do a top set because there was no room between the pipe and the hole. We shot 2 holes @ 140' and then tried to circulate, but couldn't get any returns @ 600 PSI and 5.5 BPM. We mixed up 2 batches of 20 to 25% LCM in the Halliburton truck and pumped a total of 20 bbls. @ 2 BPM. We still had no returns. We mixed 50 sks. Cement and pumped that away into the holes @ 140'. Then waited for 2 hours. We then did a top set as far as we could get the 1" pipe down beside the casing. Mixed and pumped another 20 sks. down beside the casing and had cement up around top of surface. We then let cement set for 10 hours before cutting pipe and welding on wellhead. We had to cut pipe off due to not being able to get down the extra 6" we needed to NUBOP's we had drilled and extra 3', but hole acted like a boulder might have fallen down below us when we ran casing.

SEE PAGE 2

pt Csg 1500 Sunday Dated Sept 16, 2004

Report by Monty Striegel.

Date September 9, 2004

94' - 50%? 10-80' to 90'
 Circ from - echos 150'
 100'

DST DATA

DST #	INTERVAL	FORMATION
1	0-10	...
2	10-20	...
3	20-30	...
4	30-40	...
5	40-50	...
6	50-60	...
7	60-70	...
8	70-80	...
9	80-90	...
10	90-100	...

TOP CHART

INITIAL HYDROSTATIC _____ psi
INITIAL FLOW _____ to _____ psi _____ min
INITIAL SHUT IN _____ psi _____ min
FINAL FLOW _____ to _____ psi _____ min
FINAL SHUT IN _____ psi _____ min
FINAL HYDROSTATIC _____ psi

BHT	°F
100	100
105	105
110	110
115	115
120	120
125	125
130	130
135	135
140	140
145	145
150	150
155	155
160	160
165	165
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840	840
845	845
850	850
855	855
860	860
865	865
870	870
875	875
880	880
885	885
890	890
895	895
900	900
905	905
910	

RECOVERY (ft. & bbls.):

SAMPLE CHAMBER:

REMARKS:

REMARKS:

REMARKS:

CASING & CEMENTING DETAIL

Pieces	Item — Make — Description	Make Up Length
1	Saw tooth guide shoe	0.73
1	1 jnt. 7" 23# casing with insert float on top and 1 centralizer in the middle with stop ring	41.52
5	5 jnt. 7" 23# casing with two centralizers spaced out every two joints.	209.48
Total Length of String		251.73
Above (-)/Below (+) KB		12
Casing Landed @ (KBM)		263.73
PBTD @ (KBM)		221.48

No. Jts. Delivered	6
No. Jts. Used	6
No. Jts. Leftover	6

CASING EQUIPMENT:

1-Texas saw tooth guide shoe. 1 insert float 3 centralizers

CEMENTING DETAIL:

1st STAGE: 70 Skis std. 1/4# Flocele-2% C.C. 15.6 lb/gal. 1.18 yield 5.20 gal/sks. This includes 100% excess. We lost most of our returns before we had cement to surface. Ran temp survey and it showed top @ 150'. Shot 2 holes and tried to get returns with no luck. Mixed 20 bbls. 25% LCM and still no returns. Mixed and pumped 50 sks. Same cement and pumped away into holes then waited 2 hours. Set another 20 sks and let cement set for 10 hours.

RETURNS: Full returns until the end of the job then lost returns with no cement to surface.

BUMPED PLUG W/	400	psi	PLUG DOWN AT	6:37AM	am/pm
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RENTAL TOOLS: (Include reamers, shock subs, stabilizers, deslins, etc.)

[illegible]

RCVD MAR13'07
OIL CONS. DIV.
DIST. 3

DAILY DRILLING REPORT -- PAGE 2

WELL NAME: Jicarilla Apache A-13

Report by Monty Striegel

Date September 9, 2004