

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

RECEIVED
BLM

08 SEP 29 PM 1:02

5. Lease Designation and Serial No.
SF-080112

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Riddle F LS 4

9. API Well No.
3004507186

10. Field and Pool, or Exploratory Area
So Blanco-PC / Blanco Mesaverde

11. County or Parish, State
San Juan New Mexico

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Attention:
Amoco Production Company Pat Archuleta, Room 1205C

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-5217

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1000'FNL 1550'FEL Sec. 29 T 28N R 8W Unit B

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests permission to reperf this well per the attached procedures.

If you have any technical questions contact Mark Rothenberg at (303) 830-5612.

RECEIVED
OCT - 3 1996
OIL CON. DIV.
DIST. 3

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

Signed Pat Archuleta Title _____ Clerk _____ Date 09-23-1996

(This space for Federal or State office use)

APPROVED

Approved by _____ Title _____
Conditions of approval, if any:

SEP 25 1996

DISTRICT MANAGER

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.

Wellname: Riddle F LS 4

Page 2

9/20/96

Suggested Procedures:

1. Contact Federal or State agency prior to starting repair work. Install and/or test anchors on location.
2. MIRUSU. Check and record tubing, casing and bradenhead pressures. Blow down well and kill well, if necessary, with 2% KCL water. ND wellhead. NU and pressure test BOP's.
3. Circulate hole clean above packer through short string if possible and trip and tally out of hole with tubing, checking condition of tubing. Inspect tubing for scale, holes, and/or crimping and replace joints as needed (replace all perforated joints). If commingling well, lay down short string.
4. Trip and tally out of hole with long string and seal assemble (if unable to circulate through short sting, then perforate joint above packer and circulate fluid off packer before tripping out of hole). Check condition of tubing and replace perforated and bad joints as needed. (REPLACE ALL PERFORATED JOINTS).
5. Attempt to retrieve packer. If packer will not release, run in hole with mill or metal muncher and drill out packer.
6. Run in hole with 7 5/8" RBP and Packer. Set RBP at 2100' and pressure test casing to 500#. Isolate any leaks in 7 5/8" casing, report, and wait for CBL before repairing.
7. Trip out of hole with RBP and Packer. Trip in hole with 5.5" RBP and Packer. Set RBP at 4350' and pressure test liner to 500#. Isolate any leaks in 5.5" liner, report, and wait for CBL before repairing.
8. Test plug to appropriate pressure for upcoming frac (use packer) and run CBL\CCL\GR from RBP to TOL (if casing leaks were found in 7 5/8" casing then run CBL to surface). Based on CBL and isolation tests, perform any remedial cementing to ensure frac containment and zonal isolation (If only csg leaks in 7 5/8" casing or BH need repair, cementing can be delayed until after the frac.)
9. Correlate to Schlumberger Electric Log Gamma Ray Induction log dated 1/4/58 and RIH with perforating gun and perforate the following intervals with select fire shots at:
**3826', 3828', 3830', 3832', 3837', 4108', 4110', 4112'
4148', 4153', 4165', 4230', 4234', 4236', 4238'**
10. RIH with frac string and packer. Set packer at approx. 2450' and frac CH/MN according to attached frac procedure.
11. Flow well back as soon as possible on a 1/4" choke for 4-8 hours, then change out to a 1/2" choke until pressure and sand production subsides.
12. TOH with frac string and packer and RIH and retrieve RBP. TOH with RBP and RIH with perforating gun and reperf. Point Lookout interval with 2 JSPF from **4494-4510**. TIH with production string. Alternate cleaning out sand and flowing well back until sand production has stopped and all fill has been cleaned out.
13. **If dualing well**, RIH with 2 3/8" tubing and 5 1/2" retrievable packer and set packer at 2400' and land tubing at 4490', 1/2 mule shoe on bottom and SN 1 joint off bottom. Then TIH with 1.25" tubing and land at 2215'. Flow well overnight (both strings) after final clean out and record gas, water, and oil rates and take final gas samples.
14. **If commingling well**, RIH with 2 3/8" tubing and land tubing at 4490', 1/2 mule shoe on bottom and SN 1 joint off bottom. Flow well overnight after final clean out and record gas, water, and oil rates and take final gas samples.
15. Rig down and move off service unit.

If problems are encountered, please contact:

MARK ROTHENBERG

(W) (303) 830-5612

(H) (303) 841-8503

(P) (303) 553-6448

Amoco Production Company

Sheet No _____ Of _____
File _____

ENGINEERING CHART

SUBJECT RIDDLE FLS 4 3004507186 Fed. Ls. SF-080112
1000' FNL X 1550' FEL B29-28N-8W

Appn _____
Date 9/19/96
By MDR

Spud 9/2/57
No Workovers

NOTE: BH TESTS IN 64 #67 indicated water flow
BH TESTS SINCE 1988 indicated NO problems

