

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator Attention:
Amoco Production Company **Mike Curry**

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 **(303) 830-4075**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1840' FSL 1175' FWL Sec. 34 T 31N R 9W NW/4SW/4

5. Lease Designation and Serial No.
NM-013686

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Pritchard /B/ #5

9. API Well No.
3004526991

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State
San Juan New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Repair</u>
	<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.)
See attached.

RECEIVED
MAR 3 1 1994
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
MAR 17 1994

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

Signed

Mike Curry /sp

Title

Business Analyst

Date

3/10/94

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by

Title

Conditions of approval, if any:

MAR 25 1994

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 a false statement or representations as to any matter within its jurisdiction.

BY *[Signature]*

Pritchard B #5

MIRUSU ON 2/6/94. NIPPLE UP BOP STACK. TEST BOP'S & KILL & CHOKE MANIFOLD EQUIP (TEST HIGH 2500 & LOW @ 250 PSI) PULL HANGER & PREP FOR TOH. STRIP 3.5 IN TBG OUT OF HOLE & WELL W/LAZY 12 FT. FLARE. PREP DRILL STRING FOR TIH. PICK UP 10 4.75 IN DC'S, W/6.25 IN BIT, BIT SUB & BAKER F NIPPLE IN TOP OF BOTTOM DC. PICK UP DRILL PIPE. SWIVIL INTO OPEN HOLE & TAG BRIDGE @ 2690. DRY DRILL T/2704 & BRIDGE HARD. PULL TO SHOE & PMP 70 BBL WTR DN ANNULUS @ 5.5 BPM & LET WELL GO ON HARD CACUME TO KNOCK OUT BRIDGE. WELL UNLOADED KILL FLUID IN 20 MIN. BLOW BACK WTR, FLARE INCREASED. TIH TAG BRIDGE @ 2690, BREAK CIRC W/750 CFM AIR & C/O T/2715, TIH TAG BRIDGE @ 2809. PULL TO SHOE & FLOW TEST W/20 FT STRONG FLARE. TIH TAG BRIDGE @ 2715 & CO TO 2725 W/750 CFM AIR & .5 BPM WTR TO NOT DISTURB HOLE MORE THAN NECESSARY. CIRC WELL & LAY DN ONE JT FOR TIGHT HOLE & STUCK PIPE TO 2663, C/O TO 2694 & INCREASE AIR TO 1500 CFM & 1 BPM WTR & VERY FINE COAL & SHALE RETURNS. CLEAN OUT FROM 2694 T/2725 W/1500 CFM AIR & 15 BBL PER HR RESERVE WTR THRU MIST PMP. FIGHT TIGHT HOLE F/2700-2725. CLEAN OUT & R&R TIGHT HLE FROM 2700 T/2725 W/1500 CFM AIR & 15 BPH SOAP MIST & UNLOAD TREMENDOUS SHALE 75% & COAL 25%. WORK KELLY CONTINUALLY THRU FILL & TIGHT HOLE @ 2700 TO 2725. LAY ONE JT DN FOR STUCK PIPE & TIGHT HOLE @ 2715 @ REPORT TIME.

CLEAN OUT F/2694 T/2725 W/1500 CFM AIR & 15 BPH SOAP MIST & UNLOADING MASSIVE SLOUGHING SHALE. CLEAN OUT & WORK TIGHT HLE FROM 2694 T/2725 W/1500 CFM AIR 15 BPH SOAP MIST. CONNECT & CNOUT F/2725 T/2756 W/SAME AIR & MIST RATE & START POLYMER @ 1 GAL PER 10 BBL SOAP. CONNECT @ 2756 & HAD TO LAY JOINT BACK DN. F/2725 TO 2810 & HOLE HAD CLEANED UP GOOD. TAGED BRIDGES @ 2725 & 2746. DID NOT TAG BRIDGE @ 2810, STOP & CIRC @ 2810. CONNECT & TIH & TAG BRIDGE @ 2854 THE BASE OF IGNACIO COAL & TOP OF SHALE SECTION BELOW COAL. CIRCULATING W/1500 CFM AIR & 15 BPH MIST W/POLYMERER. BLEED DP DN & TAG BRIDGE @ 2854. PULL TO SHOE W/SLIGHT DRAG @ 2690. TIH & DRIVE THRU HARD BRIDGES @ 2684, 2728, & TAG BRIDGE @ 2854.

P/U INTO CSG SHOE. P/U X FUN 2.25" GAUGE RING ON SAND LINE IN 3.5" DP F/SURFACE T/2280' X POH X SAND LINE X GAUGE RING. TIH X TAG UP @ 2710' X C/O F/2710' T/2849' X 1500 CFM AIR X 15 BPH FOAM MIST X BRIDGES @ 2734' X 2778'. SHORT TRIP T/SHOE X TIH X PUSH THRU BRIDGE @ 2710' X 6K LBS T/2849'. SHORT TRIP T/SHOE X TIH X TAG BRIDGE @ 2707' X C/O F/2707' T/2856' X 1500 CFM AIR X 15 BPH FOAM MIST. SHORT TRIP T/SHOE X TIH X TAG UP @ 2853'. R&R @ 2849' X 1500 CFM AIR X 8 BPH FOAM MIST X CUT BACK T/5-15 BBL WTR SWEEPS EVERY 15 MIN X LIGHT COAL X SHALE RETURNS. TOH X STAND BACK DP. P/U 3.5" EXPENDABLE CHECK X 2.81" (ID) "F" NIPPLE & TIH & 3.5" TBG.

TIH & 3.5" TBG & EXP CK. & "F" NIPPLE X TAG BRIDGE @ 2713' & WORK PIPE DN HOLE 10' T/2723' & 6K LBS DRAG X HAD FLOW UP TBG & PMP 100 BPW T/KILL WELL. TOH & 3.5" TBG & BTM 2 JTS BENT & FISH IN HOLE (EXP CK. & 1 JT 3.5" TBG & "F" NIPPLE X 27' OF 3.5" TBG. BLOW DN WELL. P/U 6.25" BIT & TIH & WORK THRU BRIDGE @ 2703' TIH T/2854' & SAW NO FISH. TOH & STAND BACK DP. P/U 5.75" OVERSHOT & BUMPER SUB & JARS & STRING FLOAT & 10-4.75" DC'S & ACCELATOR & DP & TIH T/2710' & SAW NO FISH. TOH & L/D FISHING TOOLS. TIH & 6.25" BIT & WORK THRU BRIDGE @ 2703' & TIH T/BRIDGE @ 2854'. R&R F/2703' T/2715' & 1500 CFM AIR & 10 BPH FOAM MIST & TIH T/2854'. TOH & DP & BIT. PREP T/P/U & TIH & 6.25" BIT & 6.25" WATERMELON MILL & STRING FLOAT & 1-4.75" DC & 6.25" WATERMELON MILL & 9-4.75" DC'S & REAM OUT SHALE LEDGE F/2703' T/2715'.

TRIP F/2 WATERMELON MILLS. P/U 6.25" BIT & 6.25" WATERMELON MILL & STRING FLOAT 1-4.75" DC & WATERMELON MILL & STRING FLOAT 1-4.75" DC & WATERMELON MILL 9-4.75" DC'S, TIH & TAG UP @ 2703'. MILL F/2670' T/2715', F/2715' T/2856' & 1500 CFM AIR & 15 BPH FOAM MIST & LIGHT SHALE RTNS. SHORT TRIP INTO SHOE & TIH, MILL F/2670' T/2732', TIH T/2854'. TIH & TAG BRIDGE @ 2710' & MILL F/2710' T/2763' & 1500 CFM AIR, 15 BPH FOAM MIST & LIGHT SHALE RTNS. TOH & MOVE TOP WATERMELON MILL UP 1 JT.

MOVE MILL UP 1 JT & KILL WELL 100 BPW. TIH & TAG UP @ 2712' & REAM F/2712' T/2851' & 15 BPH FOAM MIST & LIGHT SHALE RTNS. TIH & TAG UP @ 2703', REAM & R&R F/2703' T/2764'. TIH & TAG UP @ 2735' & REAM R&R F/2735' T/2851'. TIH & TAG UP @ 2705'. REAM F/2705' T/2763' & WEAR OUT BRIDGE, NO DRAG, NO BRIDGES. L/D 6 JTS DP & TOH & L/D MILLS & STAND BACK 10-4.75" DC'S. TIH 3.5" DP, TAG UP @ 2703' & PMP 100 BPW T/KILL WELL. DP PLUGGED & R/U HOWCO & PMP OUT PLUG & 2000 PSI & R/U POWER SWIVAL & CIRC DN THRU TIGHT SPOT @ 2703 & R&R F/2703' T/2789' & SET DP @ 2758', PREP TO PMP 50 SXS 20/40 SAND.

R/U HOWCO & SPOT 50 SXS 20/40 FRAC SAND @ 2848'. LAY DN 6 JTS DP & W/O SAND T/SETTLE X WELL DIED & NO GAS T/SURFACE. TIH & TAG SAND @ 2727' & DP PLUGGED, R/U HOWCO & UNABLE TO PMP OUT DP PLUG & TOH, UNPLUG DP.

TIH & TAG SAND @ 2727' & BREAK CIRC & PMP 25 SXS 20/40 FRAC SAND & P/U T/2450', CIRC 100 BPW TO CLEAR DP. TOH & L/D 10 JTS 3.5" DP & P/U 6.25" BIT & 10-4.75" DC'S, TIH & TAG UP @ 2705'.

L/D 5 JTS DP T/SHOE & STRAP OUT OF HOLE, INSTALL 5.5" RAMS. P/U BAKER DOUBLE FLOAT "V" SHOE & 1-JT 5.5" CSG, LATCH DN COLLAT, 5 JTS 5.5" CSG & BAKER 7" & 5.5" HYFLOW III LEFT HAND SET, LEFT HAND RELEASE HANGER, 3.3" DP, TIH, TAG UP @ 2703'. R/U HOWCO, PMP 100 SXS CLASS B, .4% HALAD 344 & .4%

CFR-3 & 2% MICRO BOND, .25#/SX FLOW SEAL & 100% RTNS DURING CMT JOG & BUMPED PLUG @ 0300 HRS 02/14/94 T/1400 PSI & FLOAT HELD. STING OUT OF HANGER & REVERSE OUT 4 BBL CMT. RIG DN HOWCO & BAKER SERVICE TOOLS. TOH, L/D 3.5" DP, 4.75" DC'S. P/U 4.75" BIT & BIT SUB, FLOAT & 1 JT 3.5" DC & BAKER "F" NIPPLE & 17 JTS 3.5" DC'S & 2.875" AOH DP, TIH T/TOP OF HANGER & WOC.

WOC & TIH, TAG SOFT CMT @ 2697', TST 3.5" & 2.875" RAMS T/1000 PSI & GOOD TEST. R&R ON BTM @ 3013' & DRY UP HOLE. FLOW TST THRU .75" CHOKE: 150 PSI, 2.2 MMCFD.

TIH TAG @ 2857. TOH W/DRILL STRING. FLOWING WELL TEST ON .75 IN CHOKE @ 2175 MCF W/LIGHT MIST OF WTR. SURGE WELL 4 TIMES NATURALLY W/ONE HR SHUT INS TO 470 & 450 PSI & GAS WTR & LIGHT COAL RTNS. BIG A RIG INSPECTION COMPLETED @ 1800 HRS ON 02/16/94.

SURGE WELL 4 MORE TIMES & HAD ONE HR SHUT INS & 430 & 470 PSI BUILD UPS. BLOW DN & PREP TO TIH. TIH & PU SWIVIL & TAG BRIDGE @ 2854.

TOH W/DRILL STRING. FLOWING WELL TEST ON .75 IN CHOKE @ 2639 MCF. SURGE WELL 6 TIMES T/410 & 405 PSI & FLOW BACK HAD GAS, A LOT OF WTR AND VERY LIGHT COAL & SHALE RETURNS.

FLOWING WELL TST ON .75 IN CHOKE @ 2682 MCF. 185 PSI FCP. TIH & TAG @ 2857. LAY DN PIPE FOR FLOW TEST. FLOWING WELL TEST ON .75 IN CHOKE FOR A FCP OF 185 PSI OR 2682 MCF GAS RATE. TIH & TAG BRIDGE @ 2860 & BRAK CIRC TO CLEAN OUT BRIDGE.

BROKE CIRC ABOVE BRIDGE @ 2860 & ONCE CIRC W/750 CFM DROP DN & BRIDGE @ 2860 WAS GONE. CONTINUE IN HOLE & TAG FILL @ 3008, 5 FT OF FILL. LAY DN DP W/BIT @ 2480. SURGE WELL TWICE TO 445 PSI W/2 HR & 1.5 HR SHUT INS & RECOVER A LOT OF WTR, FINE COAL & GOOD SHOW OF GAS. LAY DN TO ABOVE LINER TOP. FLOWING WELL TEST ON .75 IN CHOKE W/195 PSI FCP & ESTIMATED RATE OF 2827 MCF A 10 PSI INCREASE FROM LAST TEST. SURGE WELL TWICE TO 450 PSI & RECOVER LIGHT COAL & SHALE & WTR, GOOD SHOW OF GAS. LAY DN DP TO 2520 FOR FLOW TEST. FLOWING WELL TEST WELL ON .75 IN CHOKE. FCP OF 197 PSI W/LIGHT MIST ESTIMATES 2856 MCF.

FLOWING WELL TEST ON .75 IN CHOKE @ 198 PSI FOR RATE OF 2871 MCF SLIGHT MIST OF WTR. TIH W/DRILL STRING FROM 2500 FT & TAG & PUSH THRU BRIDGE @ 2860 W/5K WOB & CONTINUE TO TD @ 3013. LAY DN DP TO LINER TOP & TST. FLOWING WELL TEST THRU TWO OPEN BLOWIE LINE. FLOWING WELL TEST ON .75 IN CHOKE & STABILIZE @ 201 PSI FCP FOR ESTIMATED RATE OF 2914 MCF LIGHT MIST OF WTR. PICK UP & TIH & TAG BRIDGE @ 2860 & BROKE CIRC & WIPE SOFT 3 FT BRIDGE OUT. CONTINUE TO TD W/NO MORE BRIDGES & 3 FT OF FILL @ TD. LAY DN DP W/BIT ABOVE LINER TOP. SURGE WELL TWICE TO 420 PSI W/ONE HR SHUT INS & GAS & WTR RETURNS ONLY. TIH & TAG BRIDGE @ 2860 W/2FT BRIDGE & PUSH THRU BRIDGE W/20K WOB. CIR W/AIR 750 CFM & ONE SOAP SWEEP OF 5 BBL & CLEAN RETURNS, DRY HOLE UP. LAY DN DP TO LINER TOP. FLOWING WELL TEST W/STEADY 30 FT FLARE THRU BLOWIE LINES & 3 PSI FCP.

FLOW WELL THRU 2 BLOWIE LINES @ 3 PSI FCP & STEADY 30 FT FLARE. TIH & TAG NO BRIDGES OR TIGHT HOLE & HAD 3 FT OF FILL @ TD. LAY DN DP & DC. PREP TO RUN TBG. PICK UP FIRST JOINT OF 2.875 TBG TAIL PIPE & BLANKING PLUG IN F NIPPLE ON TOP OF FIRST JOINT FELL 30 FT INSIDE OF TBG. WAIT ON F NIPPLE & PLUG. TIH W/2.875 MULE SHOE COUPLING, ONE JT OF 2.875 TBG, BAKER MODE F PROFILE NIPPLE W/2.25 PROFILE & BLANKING PLUG IN PLACE, 12 JNTS OF 2.875 6.45 J55 8RD FBN TBG AS TAIL PIPE & A SWEDGE F/2.875 TO 3.5 & STRAP IN HOLE W/76 JNTS OF 3.5 IN 9.3 J55 8RD TBG & LAND TAIL PIPE @ 2796 KBM. F NIPPLE SE @ 2761 KBM. THE SWEDGE IS SET @ 2379 OR APPROX. 155 FT ABOVE LINER TOP. NIPPLE DN. NIPPLE UP WELL HEAD MASTER VALVE. RID DN & RELEASE RIG 02/23/94.