

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

5. Lease Designation and Serial No.

NM-010989

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FIELDS

9. API Well No.

3004524501

10. Field and Pool, or Exploratory Area

Mesaverde

11. County or Parish, State

SAN JUAN

NEW MEXICO

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Julie Acevedo

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-60033

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

1270'FNL

1270'FW

Sec. 28 T 32N R 11W

NW/NW

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf and Frac

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)*

Please see attached for procedure followed.

RECEIVED
JUN 10 1993
OIL CON. DIV
DIST. 3

070 FARMINGTON, NM
93 JUN -4 AM 9:59

RECEIVED
BLM

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

Signed

Title

Sr. Staff Assistant

Date

03-30-1993

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by

Title

Conditions of approval, if any:

JUN 08 1993

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.

BY

MIRUSU 3/5/93, NDWH, NUBOPS. TOH W/ 237 jts TBG. TIH W/CIBP & set @ 7400'. Press test to 2500psi. Held OK. TOH W/TBG. ND BOPS and WH, installed 5000# WH press. test to 3500psi. seal leaked. Removed WH. RU WLE. RIH and dumped bailed cmt on CIBP set @ 7410'. CMT TOP @ 7347'. Installed new WH & frac valve & press. test CSG & WH to 3500psi. Held. RU WLE & RIH ran CBL, CCL, GR from 5717' to surf CMT top on 4.5" CSG @ 3800', CMT top 7" CSG @ 3000'. RIH and Perf CSG.

Perf: 5476'-5480', 5536'-5540', 5553'-5556', 5558'-5560', 5574'-5576', 5596'-5599, 5616'-5620', 5654'-5658', W/1 JSPF .48" diam.

RIH & set RET RBP @ 5465'. RIH & dumped 5' of sand on RBP. RIH and perf MV Point lookout from 5434'-5442', 5414'-5416, 5367'-5404', 5338'-5354', W/2 JSPF, .48" diam..

Frac: interval 5442'-5338' W/ 190,000 GAL BORAGEL, 177500# 12/20 Brady sand, AIP 637psi. AIR 80 BPM. total 190,000gal.

RIH & set RBP @ 5015'. press. test RBP to 2000psi. Held OK. RIH & dumped 5' sand on RBP.

RIH and perf MV. Cliff house interval 4942'-4961', 4927'-4039', 4921'-4923', 4915'-4918', 4898'-4911', 4886'-4892', 4810'-4831, W/ 2 JSPF, .48" diam. RD WLE

RU Frac equip. frac Cliff house perfs from 4810' to 4961' W/59693 gal gel pad & 36334 gal-gel with 1190sxs 119000lbs of 12/20 brady sand. screened out on 4.28 LBS/GAL. AIP 1100psi. AIR 85 BPM. Displaced Frac W/3246 GALS total load to recover =2363 BBls. RD.

TIH W/RET. head & tagged sand @ 3610'. Rel. RBP @ 5465'. Plug would go down but would not come up worked for 4.5hrs. Tied to circ hole W/N2- did not get any N2 back to surf- pump 75000 SCF- RBP came free & TOH W/plug. TIH W/ new RET head to liner. TIH W/RET. head for RBP set @ 5465' tagged fill @ 5390'. RU N2 equip. & cleaned out sand W/ 150,000 SCF of N2. REL. RBP & TOH. RIH & set RBP @ 4775' Press. test RBP to 2000psi. held OK. RIH & dumped 5' sand on RBP set @ 4775'.

RIH and perf MV from 4720'-4725', 4712'-4717, 4685'-4688', 4671'-4673', 4664'-4666', 4574'-4590', with 2 JSPF, .48' diam.

Frac: MV intervals 4725'-4574' by pumping 30,000 GAL X-link GEL & staging in 1435sx of 12/20 Brady sand up to 7 LBS per gal, AIP 624psi. AIR 40 BPM.

TIH W/ bit & scrapper to liner top @ 3436'- TIH W/RBP & set @ 3400'. RU Wle & RIH dumped 5' of sand on RBP. RIH & perf CSG @ 2958' W/2 JSPF, .5" diam. RIH & set CMT RET. @ 2720'. TIH & stung into ret @ 2720'. Mixed & pumped 50 sx Cl B CMT & 200sxs of 35/65 poz & tailed in W/ 100sxs of CL B . stung out of ret with 350psi., dump 1/2 BBls CMT on RET. & TOH W/ stinger. RIH & perf CSG @ 1576' W/ 2 JSPF .48" diam. TIH W/RET. PKR & set @ 1262' press test PKR to 500psi OK. est. inj. rate 2 1/2 BPM @ 900psi. W/45 BBls- no circ on BH. RU cmt equip. mixed & pumped 50sx Cl B cmt followed by 150sx of 65/35 poz & tailed in W/100sx CL B, W/60 BBls pumped the BH started to circ to surf, W/ partial returns. lost returns W/70 BBls pumped, displaced CMT to 1470', reversed out no cmt . Rel PKR & TOH. TIH W/bit & scrapper & tagged up @ 1288' and drilled up CMT to 1585'- press. test squeeze holes @ 1576' to 500psi. Held OK. TIH & tagged cmt on CMT RET. @ 2700' Drilled CMT & CMT RET @ 2720' & drilled cmt to 2980', Circ hole clean, Press. test to 500psi. Held OK. TOH. RU WLE & ran CBL from 3300' to Surf. CMT top @ 500'. Released RBP set @ 3400' & TOH. TIH W/RET HEAD for RBP set @ 4775' RU N2 equip. and circ sand off of RBP with 70000 SCF N2. Rel. RBP & TOH, TIH W/2 3/8" TBG & landed @ 5383'. ND BOPs NU WELL Head 3/20/93.