

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

98 SEP 22 AM 9:25

070 FARMINGTON, NM

5. Lease Designation and Serial No.

SF-078132

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

A. L. Elliott A

#4E

9. API Well No.

3004526472

10. Field and Pool, or Exploratory Area

Basin Dakota

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:

Pat Archuleta

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)

685' FM;

1130' FEL

Sec.

11

T

29

R

9W

UNIT A

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



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.)

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SEP 25 1998
OIL CON. DIV.
DIST. 3

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 markers and zones pertinent to this work.)

subsurface locations and measured and true vertical depths for all

During an attempt to deepen the Dakota formation was unsuccessful. Got verbal approval to p&a this well on 6/13/96 from Wayne Townsend along w/FM tops and Min. plug requirements.

MIRUSU 5/28/96.

Laydown J-55 prod tbg, P/U BH and drill collars. P/U2 3/8 N-80 work string, TIH to 7000' and unload well bore w/air.

Drill out CIBP at 7420', clean out to PBD at 7630'. Set cement retainer at 7218', test csg from surge to 7218' at 1000 psi. Held ok. Test tbg to 2300 psi. Held ok.

Squeeze DK perf w/75 sxs CI-B 0.3% Halad 344 and 0.2% CFR3 16 bbls slurry 1.18 yield 15.6 PPG. Final squeeze pressure to 1600 psi sting out and toh.

TIH drill out cmt retainer at 7218', drill out cmt f/ 7220' t/7297'. Drill cmt f/7297' t/7511'. Drill strings and soft cmt f/7511' to PBD at 7630'. Circ clean and pressure test squeeze to 1000 psi and did not hold. TOH (Slow leak) Finish TOH w/ bit and scraper. TIH open ended to 7590' and spot a blanced cmt plug from 7590' up to 7200' and pull out of plug to 6500'. [Cement was 30 sxs of CI-B w/ 2% CACL2, 0.6% HALAD 322 mixed at 15.6 PPG 1.18 yield and 6.3 bbls slurry.] Stage pressure to final 1000 psi and SI WOC.

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

Signed

Pat Archuleta

Title

Staff Assistant

Date

09-18-1998

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED

RD

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.

* See Instructions on Reverse Side

NMOC

FARMINGTON DISTRICT OFFICE

Sm

A.L. ELLIOTT A 4E (cont)

SICP 100, SITIP 75, SIBH-0 SI INT-0 TOH w/open ended tbgs. TIH w/ BH and scraper drill out cement f/71023' t/7305' (282'). MIRUSU 5/28/96.

Laydown J-55 prod tbgs, P/U BH and drill collars. P/U 3/8 N-80 work string, TIH to 7000' and unload well bore w/air.

Drill out CIBP at 7420', clean out to PBD at 7630'. Set cement retainer at 7218', test csg from surface to 7218' at 1000 psi. Held ok.

Test tbgs to 2300 psi. Held ok.

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at 7630'. Circ clean and pressure test squeeze to 1000 psi and did not hold. TOH (Slow leak) Finish TOH w/ bit and scraper.

TIH open ended to 7590' and spot a balanced cmt plug from 7590' up to 7200' and pull out of plug to 6500'. [Cement was 30 sxs of CI-B w/ 2% CACL2, 0.6% HALAD 322 mixed at 15.6 PPG 1.18 yield and 6.3 bbls slurry.] Stage pressure to final 1000 psi and SI WOC.

SICP 100, SITIP 75, SIBH-0 SI INT-0 TOH w/open ended tbgs. TIH w/ BH and scraper drill out cement f/71023' t/7305' (282'). MIRUSU 5/28/96.

Laydown J-55 prod tbgs, P/U BH and drill collars. P/U 3/8 N-80 work string, TIH to 7000' and unload well bore w/air.

Drill out CIBP at 7420', clean out to PBD at 7630'. Set cement retainer at 7218', test csg from surface to 7218' at 1000 psi. Held ok.

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at 7630'. Circ clean and pressure test squeeze to 1000 psi and did not hold. TOH (Slow leak) Finish TOH w/ bit and scraper.

TIH open ended to 7590' and spot a balanced cmt plug from 7590' up to 7200' and pull out of plug to 6500'. [Cement was 30 sxs of CI-B w/ 2% CACL2, 0.6% HALAD 322 mixed at 15.6 PPG 1.18 yield and 6.3 bbls slurry.] Stage pressure to final 1000 psi and SI WOC.

SICP 100, SITIP 75, SIBH-0 SI INT-0 TOH w/open ended tbgs. TIH w/ BH and scraper drill out cement f/71023' t/7305' (282').

Top perf at 7306', press test csg and squeeze from 7305' to surface to 1000 psi. Test ok.

Drill hard cement f/7305' t/7500' and soft cement and stringers f/7500' t/7590'. Circ clean at PBD 7630'. Press test squeeze to 500 psi for 30 mins. Pressure leaked off to 280 psi in 30 mins. Retest to 500 psi for 60 mins. Pressure leaked off to 300 psi in 30 mins and down to 60 psi in 60 min.

TOH w/bit and scraper, set by wire line a 4 1/2" CIBP AT 7256' and dump bail 6 sxs cement on top of CIBP f/7206' t/7256', this CIBP and cement cap placed over Dakota interval and perfs after discussin with Wayne Townsend of BLM on 6/11/96 and given verbal permission to abandon and plug well back to surface.

No pressure on csg BH or intermediate, run CBL w/HES from 7216' (wire line measure) to surface. Very good cement bond f/7216' t/5242'. No cement above 5242' outside of 4 1/2" csg.
6/13/96. Develop detailed plugging procedure with Wayne Townsend 1600 hrs for covering all zones back to surface.
RDMOSU 6/14/96.

MIRUSU 5/7/97.

SICP -0, SIBH-0, SI Intermediate 340 psi, blow Int down to) 0 5 min. N/D WH at NU BOPE. SIFN.

SICP-0, SOBH-0, SI INT- 85 psi, P/U and TIIH w/open ended 2 3/8" tubing to 6475.

With tbq SA 6460 mix and pump 25 sxs CI-B, 1.18 yield 15.6 PPG and 3 bbls slurry for Gallup cement plug inside 4 1/2" f/6460' t/6260' TOH with tbq.

Shot 2 squeeze holes at 4602', TIH set cement retainer at 4480', mix and pump 34 sxs, 7bbls slurry at 15.6 PPG, 1.18 CIUFT/sx yield. Placed 18 sxs behind csg, 11 sxs below retainer and 5 sxs above retainer for fill up to 4420', and covering Cliff House formation.

Shot 2 squeeze holes at 3392', ITH and set cement retainer at 2849', mix and pump 85 sxs 19.3 bbls slurry at 15.6 PPG and 1.18 FT 2/sx yield. Pump 40 sxs behind csg out holes at 3392'. Left 40 sxs in csg f/3392' t/2849' and sting out and left 5 sxs cmt on top cement retainer. This plug covers 7" csg shot and Picture Cliffs formation.

ND BOP and tbq head, pull 4 1/2" csg slips, chemical cut 4 1/2" csg at 2730'. Lay down 2730' of 4 1/2 production csg. Run HES CBL log f/2723' t/50' with TOC at 2000', behind 7" intermediate csg. Pressure test 7" csg and cmt inside 4 1/2" at 2800' to 500 psi. Test held ok.

TIH open ended to 2706'. Spot a balanced cmt plug f/2706' t/2556' with 30 sxs CI-B 13.5 PPG, 1.24 FT2/sx and 6.5 bbls slurry to cover Fruitland formation. TOH w/tbq.

Shot 2 squeeze holes at 1990' and 2 holes at 663', set cement retainer at 1758'. Mix and pump 125 sxs cmt CI-B at 13.5 PPG, 1.24 ft2/sx and 25 bbls total slurry. Pumped 65 sxs out of sq holes at 1990' behind pipe, pump 50sxs cmt f/retainer at 1758' to 1990' and left 10 sxs on top of cement retainer for fill up to 1708'. Covering Kirtland/Ojo formation.

Mix and pump 115 sxs down csg to squeeze holes at 663', place 65 sxs outside 7" csg and 50 sxs inside csg.

Tag cement with E-line at 414'. Shot 2 squeeze holes at 370' and mix and pump 125 sxs CI-B 15.6 PPG 1.18ft 2/sx 26.3 bbls slurry. Circ 1 bbl of good cement to surface in 7" x 9 5/8" braden head annulus, for final plug over San Jose formation.

Cut off well head and install p&a marker.

RDMOSU 5/14/97.