

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.

I-149-Ind-8978

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Gallegos Canyon Unit #159

9. API Well No.

3004507040

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:

Lori Arnold

3. Address and Telephone No.

P.O. Box 800 Denver, Colorado 80201

(303) 830-5651

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

1765 FNL 1585 FWL Sec. 31 T 28N R 12 W

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 Bradenhead Repair

- ☐ 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.)*

Amoco intends to perform the attached workover procedure required to eliminate bradenhead pressure if a casing leak is found during testing.

In addition, Amoco also requests approval to construct a temporary 15' x 15' x 5' blow pit for return fluids. This pit will be reclaimed if utilized upon completion of this operation.

Please contact Lori Arnold at (303) 830-5651 if you have any questions.

RECEIVED
APR 2 1993
OIL CON. DIV
DIST. 3

070 MAR 24 11:10:40
OIL CON. DIV
DIST. 3

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

Signed

Lori Arnold

Title

Business Analyst

Date

03-18-1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

Date

MAR 28 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.

DISTRICT MANAGER

GCU #159 - DAKOTA
CHECK FOR SUSPECT CASING LEAK AND SAND FILL

BACKGROUND AND PURPOSE:

The GCU 159 has not produced since 1987. The well was completed in 1964 and has had no additional repair work performed since original completion. In 1981, due to low production, a plunger was installed. Production increased but 2 years later decreased. The piston is reported gone from the well. This workover will check for fill and the possibility of a casing leak. Estimated production from GCU 159 is 100 to 200 MCFD.

PROCEDURE:

1. Check location for anchors, install anchors if necessary. Test anchors.
2. MIRUSU. Blow well down if necessary. NDWH. NUBOP.
3. Tag for fill with tbg. Tubing is landed at 5899'. PBTD reported to be 6023'. Tally OOH with 2-3/8" tbg. Pressure test tubing while TOH. REPORT FILL, IF ANY, TO EMILY MILLER (X4214).
4. TIH with 3-7/8" bit and scraper (Drift ID of 4.5" 10.5# csg. is 3.927") to PBTD or top of fill (which ever is less). TOH.
5. TIH with retrievable bridge plug (RBP) and packer. Set RBP approximately 100' above perforations (5770'). Pull one stand of tbg. Set retrievable packer and test CIBP to 2000 psi.
6. Load backside with 2% KCL and pressure test to 750 psi to confirm csg leak. Notify Emily Miller (x4214) if there is a leak.
7. Isolate leak. When leak is located, establish injection rate into leak. Pressure test the backside. If backside holds, release packer spot sand on RBP and TOH with RP. Proceed to step 8. If backside leaks, continue TOH and pressure testing the backside to isolate the upper leak. After locating the leaks release packer, spot sand on RBP and TOH with RP. If a large section of casing is bad, spot cement across the section and proceed with a bradenhead squeeze.
8. TIH with cement retainer and set 150 - 200' above top of leak. (Please note: If leak is located within 2000' of surface a packer should be used instead of a cement retainer). Establish rate into leak with 2% KCL water. If rate can not be established shoot squeeze holes. Cement squeeze casing (cement volumes, types and additives to be determined by completion foreman and Halliburton). Do not exceed 1800# squeeze

pressure. Unsting from cement retainer and reverse circulate.
WOC 24 hrs.

9. TIH with 3-7/8" bit and scraper. Drill out cement retainer, and cement. Pressure test casing to 750#. TOH.
10. TIH with retrieving head for RBP. Circulate sand off RBP and TOH with RBP.
11. Clean out fill with N2 if fill was found in step 3. TOH.
12. TIH and land tbg at 5950'. Run a SN 1 joint up from bottom. Replace any damaged or badly worn equipment. Check tubing donut.
14. NDBOP. NUWH. RTP.
15. RDMOSU.

***** PLEASE NOTIFY EMILY MILLER PRIOR TO STARTING WORKOVER. IF
MAJOR PROBLEMS ARE ENCOUNTERED CALL EMILY AT X4214 OR (303)
933-9677 (Home)

Recommended by: Emily Miller and Susan Bair 2/93
Approved by: Emily Miller 3/10/93

RECEIVED
2/10/93
070 PM
C/O P. J. A. O. J. NM

WF

8 5/8" 24#/FT CSA 354'
W/225 SX CMT

PL 1350'
MV 2890'
GP 4950'
DK 5920'

070 11/10/10 11:10:40
070 11/10/10 11:10:40

10 DV = 4150

10' 4 SPF
5876'
5886'

22' 2 SPF
5934'
5956'

2 3/8" TBG SET AT ~~5929'~~

5899.

PBTD 6023'

4 1/2" 10.5#/FT CSA 6059'
W/1600 SX CMT

Amoco Production Company

SCALE:

GALLEGOS CANYON UNIT #159

DRG.
NO.