

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-25223
5. Indicate Type of Lease STATE FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
Amoco Production Company Attn: **Cherry Hlava**

3. Address of Operator
P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter **J** **2150** feet from the **South** line and **1650** feet from the **East** line

Section **36** Township **29N** Range **12W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
5399' GL

7. Lease Name or Unit Agreement Name:

Gallegos Canyon Unit Com F

8. Well No.
162

9. Pool name or Wildcat
Basin Dakota

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS

COMMENCE DRILLING OPNS. ☐ PLUG AND

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

CASING TEST AND CEMENT JOB ☐ ABANDONMENT ☐

OTHER: **Bradenhead Repair**

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Amoco Production Company requests permission to do a bradenhead repair on the above well per the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 12/12/2001

Type or print name Cherry Hlava Telephone No. 281-366-4081

(This space for State use)

APPROVED BY CHARLES T. PERMAN

TITLE DEC 13 2001 DATE

Conditions of approval, if any:

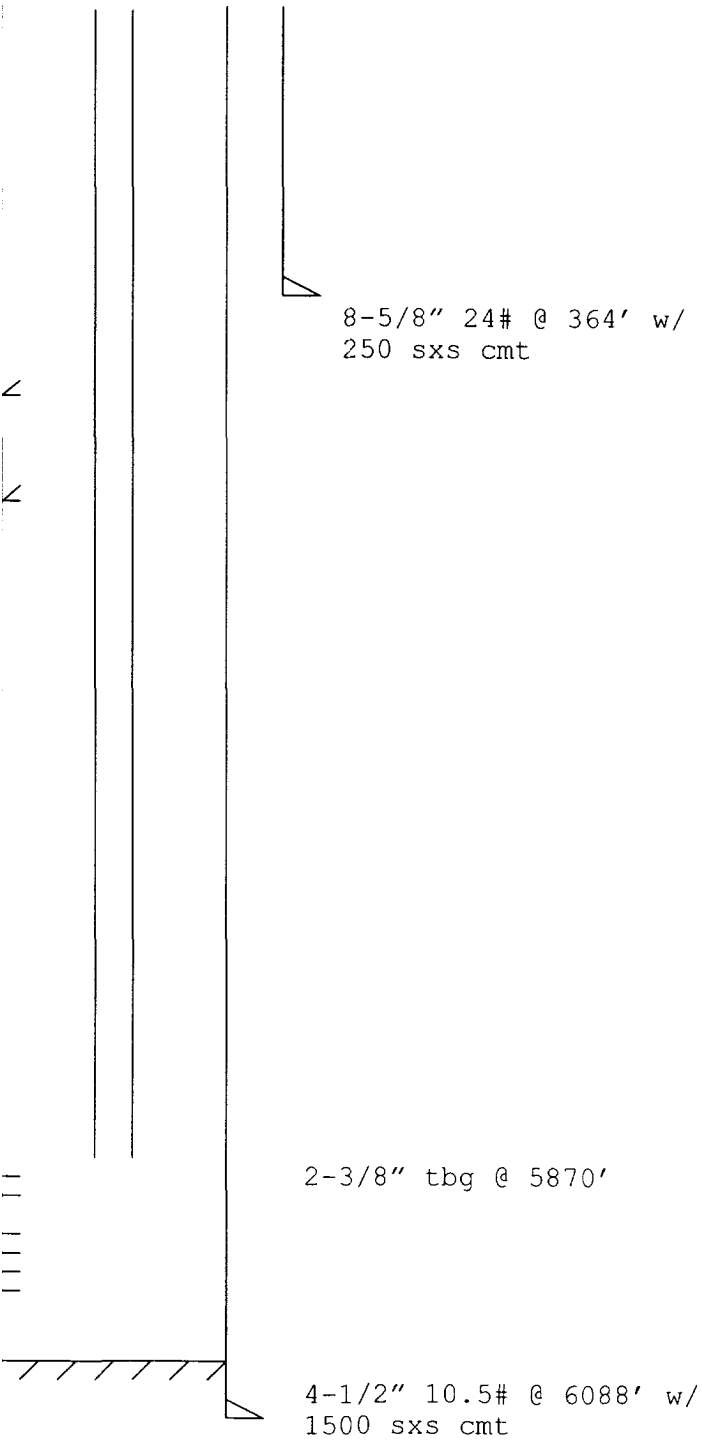
Bradenhead Repair Procedure - Type 1 (2 strings of casing)

1. Contact State agency prior to starting repair work (NMOCD Charlie Perrin, 505-334-6178 X16).
2. Check location for anchors. Install if necessary. Test anchors.
3. Catch gas and/or water sample off of bradenhead and casing for analysis.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow down well and kill well, if necessary, with 2% KCL water.
6. ND wellhead. NU and pressure test BOP's.
7. TIH and tag 6051' PBTD, check for fill. Trip and tally out of hole with tubing, checking condition of tubing.
8. TIH with bit and scraper to top of perforations. A seating nipple and standing valve may be run in order to pressure test tubing. TOH.
9. TIH with RBP and packer. Set RBP 50 - 100 feet above perforations. Pressure test csg to 500 psi.
10. Swab fluid off of RBP. Re-set RBP at 500'. Re-test csg to 500 psi. Dump sand on top of RBP.
11. Perforate casing at 375' (above water sand). Attempt to circulate to surface.
12. Mix and pump 100 sxs cement (Class B or equivalent, with a setting time of 2 hours). Shut bradenhead valve and attempt to walk squeeze to obtain a 500 psi squeeze pressure. WOC.
13. TIH with bit and scraper and drill out cement. Pressure test casing to 500 psi. TOH with bit and scraper.
14. TIH with retrieving head for RBP. Circulate sand off of RBP. Swab fluid off of RBP and retrieve RBP.
15. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
16. TIH with production string and land tubing at 5900'. NDBOP. NU wellhead.
17. Swab well in and put on production.
18. RDMOSU.

11-15-2001

ATK

R12W



PBTD: 6051'
TD: 6088'

OC

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STATE FEE ☒

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Attn: Cherry Hlava

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PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☒ BRADENHEAD REPAIR

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Please see attached subsequent report for bradenhead repair.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava

TITLE Regulatory Analyst

DATE 01/16/2002

Type or print name Cherry Hlava

Telephone No. 281-366-4081

(This space for State use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

JAN 22 2002

GALLEGOS CANYON UNIT
COM F 162
BRADENHEAD REPAIR SUBSEQUENT REPORT
01/16/2002

12/11/2001 MIRUSU; readings; Csg 370 psi; Tbg 330 psi; BH 50 psi. RU slick line & fish out 2 plunger stops. SDFN

12/12/2001 Take readings, tbg 370 psi; csg 65 psi, RU/flow line, blow well dn. Kill well. NDWH, NUBOP. TOH & LD/185 jts of bad tbg. SD & drain pmp.

12/13/2001 Blew dn csg press. TIH w/bit & scraper & tagged @ 3513'. Rotate scraper through bad spot & TIH to 3671' & tagged solid. TOH w/tbg, scraper & bit. TIH w/bit & tbg to 3671' & stacked out. Could not get through bad spot. TOH w/600' of tbg. SDFN.

12/14/2001 Readings csg 150 psi; BH 65 psi. Blow well dn. TOH w/bit. TIH open ended, did not fill any tight spots. PU rest of pipe tag fill @6040'. Drained pmp, replaced wash out valves. SDFN.

12/17/2001 Readings csg 200 psi; BH 65 psi. Blw Well dn, PU mill & bumper sub, TIH to tight spot. RU/air unit, circ well. Mill 3671' – 3675'. Csg still tight. Circ hole clean, RD/air. SDFN.

12/18/2001 Reading csg 300 psi; Blw Well dn, RU/swivel & air unit. Mill on csg. Circ hole clean. RD/swivel & air. TOH w/mill. TIH w/impression block, TOH. Impression block showed collapsed csg on the side. SDFN.

12/19/2001 Csg 350 psi. Blw dn well. TIH w/RBP & pkr. Set plug @1500'. Press tst old sqz holes to 500 psi. While pressuring csg BH started to spit water out. TOH w/retriving head. TIH w/pkr & set @ 480'. Pressure tst above it to 500 psi. Held good. Unseat pkr. & reset @600' between old perfs. Pressure up lower perfs to 600 psi. Held ok. Pressure up upper perfs to 600 psi. held ok. No communication w/BH. TOH w/pkr. Drop 5 gals. Of snd in top of plug. RUSU & TIH w/3.375" gun & perf 375'-376 w/4 JSPF. Wtr started running out the BH after perforated csg. RD/wireline. TIH w/pkr & set @ 190'. RUSU, circ 8 bbls of fresh water till it came clean through BH. Started pmping cmt till pure cmt came out the BH. Pmp 48 sxs cl G cmt; density 15.80 ppg; yield 1.150 cu ft. @375'. Closed BH. Valve & couldn't pmp any more. It press'd up to 700 psi. Will not move. Eqliz pkr. Circ hole clean. TOH w/pkr. RDSU. SDFN.

12/20/2001 Csg press – 0#. Chg out pwr tongs & chg out csg valves. TIH w/tbg & tag cmt @190'. RU pwr swivel. Cmt soft. TOH SDFN.

BRADENHEAD REPAIR SUBSEQUENT REPORT

12/21/2001 Tbg press – 0#, csg press – 0#. TIH w/tbg & tag cmt. Drl cmt f/190' to 348'. TOH w/1 jt & SDFN.

12/22/2001 Drl cmt f/348' to 370' & fell through cmt. RD pwr swivel, TOH w/tbg & bit. Load hole & press tst csg to 500#. Csg no holding press. Losing 20# every 5 min. Isolate pmp lines & check for leaks. Press tst to 500# & tst to 500#. Well still leaking off 20# every 5 min. SDF holiday.

12/26/2001 Press tst csg to 500# w/20 to 30# press loss every 5 min. Bled off press. TIH w/open ended tbg to 386'. RUSU & spot 8 sxs cl G cmt ; density 15.80 ppg; 1.160 cu ft. over perfs @375'. TOH w/tbg & close blind rams. Press to 1200# & press bled 60#. Press to 1200# again & press bled off 30#. Press well to 1300# & SWIFN. Drained pmp & lines.

12/27/2001 TIH w/tbg & bit. D/O cmt from 329' to 375'. RD pwr swivel & TOH w/tbg. Press tst csg to 500# & well lost aprox 35# in 30 min. TIH w/tbg to 890' & swab well dn. Give well negative tst. Wait 30 min. & TIH w/swab & tagged no fluid in tbg. RD swab. TIH & C/O snd on RBP. TIH w/tbg to 1490' & blow hole dry. TOH w/tbg & SDFN.

12/28/2001 TIH w/tbg & ret. head & circ hole w/air & mist. Tag plg & circ clean. TOH w/tbg & RBP. TIH w/prod tbg & rabbit all tbg in hole. TIH w/muleshoe, 1 jt. "F" nipple & 187 jts tbg & landed tbg @5898.11'. RD pwr swivel. RD floor & tbg equip. NDBOP & NUWH SDFN.

01/02/2002 Rig DN SU & C/O cmt F/rig pit & MO location.