

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM-039491-149 I-149-IND-87

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other Re-enter p.c.

2. Name of Operator
AMOCO PRODUCTION COMPANY
Contact: CHERRY HLAVA
E-Mail: hlavac@bp.com

3. Address P.O. BOX 3092
HOUSTON, TX 77253
3a. Phone No. (include area code)
Ph: 281.366.4081

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SENE Lot H 1650FNL 900FEL
At top prod interval reported below
At total depth

8. Lease Name and Well No.
GALLEGOS CANYON UNIT 18
9. API Well No.
30-045-07338

10. Field and Pool, or Exploratory
KUTZ PICTURE CLIFFS & BASINS
11. Sec., T., R., M., or Block and Survey
of Area Sec 21 T28N R12W Mer NMP
12. County or Parish
SAN JUAN
13. State
NM

14. Date Spudded
07/02/1952
15. Date T.D. Reached
07/25/1952
16. Date Completed
01/02/2002
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, KB, RT, GL)*
5569 GL

18. Total Depth: MD 1429
TVD
19. Plug Back T.D.: MD 1429 1376
TVD
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
10.000	3 3/8 8.625	26.0	0	100.810		300		0	
7.875	5 5/8 3.500	9.3	0	610.1273		329 135		0	
7.875	5.500	14.0	0	1374		100		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.063 2.375	1370 4322		2.063	1370 4370				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	4354	4365	4354 TO 4368			
B) PICTURED CLIFFS	1365 4368	1429	1374 4365 TO 1429			OPEN HOLE
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
610 TO 611	SQ W/125 SXS CLASS G CMT; 15.80 PPG; YIELD 1.150 CU FT TO SURFACE

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/02/2002	01/02/2002	0	→	0.0	0.0	0.0			FLOW FROM WELL pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	0	0.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/02/2002	01/02/2002	0	→	0.0	0.0	0.0			FLOW FROM WELL pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	0	0.0	→					PGW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #10068 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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ACCEPTED FOR RECORD
JAN 25 2002
FARMINGTON FIELD OFFICE
BY WJ

OPERATOR

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

NO MEASURABLE GAS

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
FRUITLAND COAL PICTURED CLIFFS	1354 1365	1368 1429	OPEN HOLE	OJO ALAMO COAL SHALE PICTURED CLIFFS	0 1344 1355 1365

32. Additional remarks (include plugging procedure):

Amoco Production Company has re-entered the subject well into the Kutz Picture Cliffs and is commingling production downhole with the existing Basin Fruitland Coal pool. Please see attached and Downhole Commingling Subsequent Report for well work activity. There is no measureable gas to report at this time and well is shut in.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #10068 Verified by the BLM Well Information System.
For AMOCO PRODUCTION COMPANY, sent to the Farmington

Name (please print) CHERRY HLAVA

Cherry Hlava

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/18/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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GALLEGOS CANYON UNIT # 18

DHC SUBSEQUENT REPORT

01/15/2002

- 12/10/2001 Record Pressured - SITP 50#, SICP - 55# B/head bad. Csg has holes. NDWH & NUBOP. RU floor & screw tbg sub into hanger & SDFN.
- 12/11/2001 SITP - 40#, SICP - 40# Unseat tbg hanger, TOH w/8' tbg sub, 41 jts tbg, SN, & 1 jt tail pipe. PU 5 $\frac{1}{2}$ " RBP & TIH w/plg to 700' & set plg, dmp snd on plg & load hole w/wtr. RD floor & NDBOP. Dig out around WH. PU spear & cut off 8-5/8" head & instl 5- $\frac{1}{2}$ " head. SDFN.
- 12/12/2001 TIH w/3.375" gun & perf 610' - 611' w/4 JSPF. RU SU & pmp 125 sxs, density 15.80ppg; yield 1.150 cu ft of class G cmt. dn 5.5" csg & circ. to surface through rotted 8-5/8" csg. RD SU. Clean up & SDFN.
- 12/13/2001 TIH & Rel pkr, TOH w/pkr, TIH w/bit & tbg. D/O cmt 570' - 615'. TOH. RU & press tst csg to 100# & csg held w/no press bleed off. TIH w/tbg & bit & tag snd on RBP. Circ. snd off plg & blw hole dry w/air. TOH w/tbg. Drain lines SDFN.
- 12/14/2001 TIH w/ret. Head & RU pwr swivel. RU & C/O to top of RBP. Circ hole clean. Rel RBP & TOH w/tbg & BP. Chng equip to 3.5", tally & PU 3.5" DC's & mill. TIH w/tbg mill & CCLS. TIH. Tag 5' fill on CIBP. mill on CIBP @1376'. TOH w/6 STDS, 1 jt & 21' piece of tbg. Suspect corrosion or rod cut tbg. SDFN.
- 12/17/2001 CSG press 0#. TIH w/OS & tbg. TOH w/tbg, OS & fish. TIH w/new tbg, CCLS & mill. D/O CIBP @ 1376' & C/O fill to TD. Well making frac snd. RD pwr swvl & TOH to shoe. SDFN.
- 12/18/2001 TIH w/mill, CCLS & tbg. Tag 20' fill. RU pwr swvl, circ w/air & mist. C/O fill to PBTD. TOH to shoe & let well flw nat. TIH to tag fill. Tag 10' fill. C/O to TD w/air & mist. RD swvl & TOH w/tbg to shoe. SDFN.
- 12/19/2001 Bled dn. TIH w/mill. C/O to TD. RU SU. Press tst lines to 1500# & pmp 20sxs snd & flush snd w/23 bbls wtr. TIH w/tbg & bit. Tag snd @1397' TOH w/tbg & bit. Mix & dump 950# snd. Drain equip & SDFN.
- 12/20/2001 CSG press - 0#. TIH w/tbg & bit. Tag snd @ 1350'. RU & blw well dry @1320'. TOH w/tbg & bit. Mix & dump 500# snd dn csg. W/O snd to settle. TIH W/tbg & bit & tag snd @1320'. Blow dry. TOH & LD 2-3/8" tbg & CCLS. Mix Barite & gel plug to cap snd. Dmp barite & gel. SDFN.

GALLEGOS CANYON UNIT # 18

DHC SUBSEQUENT REPORT

01/15/2002

- 12/21/2001 Load hole w/wtr & press tst barite & gel plg to 250# for 30 min. Tst'd ok. PU 3.5" csg & TIH w/44 jts csg & land csg w/K.B. @1273' RD floor, NDBOP & set csg slips. Instl well-head, tighten & press tst seals. Tst'd ok. RU SU. Mix & pmp 135 sx 15.8# cl G cmt & establish good cmt circ. to pit. Pmp 10 bbls. good cmt to pit. SD cmt'rs & RD cmt crew. SDFN.
- 12/22/2001 NUBOP & RU floor, Clean valves on head & tally 2-1/16" tbg & tag @1261'. RU pmp & circ tbg to make sure tbg was not plug'd. drain up equip & secure location for holiday.
- 12/26/2001 NUBOP & RU floor, clean valves on head. TIH w/ 2-1/16' tbg. & tag @ 1261'. Start circ & C/O bridge in tbg & TIH to 1320' & start C/O of barite & sand. RU air & circ. Hole w/air & mist. C/O to 1429'. RD air & drain up all lines & hang pwr swivel & TOH w/tbg to 1250' & SDFN.
- 12/27/2001 SIP - 0# TIH w/tbg & tag 6' fill. Break circ w/air & mist & C/O to TD. TOH to shoe & flw well nat. to pit. TIH w/tbg & tag 3' fill. C/O fill & TOH & flw well nat to pit, slight blow on 3" line, no fluid. TIH & tag fill, 0' fill. Break circ w/air & mist & circ on btm. TOH to shoe & flow well nat. TIH w/tbg & tag 0' fill. Circ on btm. RD air & drain lines, TOH w/tbg & tally out of hole. SI well & SDFN.
- 12/28/2001 TIH w/2-1/16" tbg & rabbit tbg in hole, wk rabbit through several jts. Wk broach through several jts. Land tbg@ 1370' & NDBOP & NUWH. Could not circ well. Tbg hanger was too long, Chg out tbg hanger. Reland tbg & NDBOP & NUWH. Circ. well w/air & had good circ. No fluid noted in returns. RDSU & SDFN.
- 01/02/2002 SI well. Finish rigging dn. MOSU.