Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR TO BUREAU OF LAND MANAGEMENT

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

C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 610 TO 611 SQ W/125 SXS CLASS G CMT; 15.80 PPG; YIELD 1.150 CU FT TO SURFACE 28. Production - Interval A 28. Production - Interval A Test Test Treated Production BBL MCF BBL Corr. API Gas Gravity 01/02/2002 01/02/2002 0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0						AND MAI					<u> </u>			mber 30, 2000	
Now Welt		WELL	COMPL	ETION (OR REC	COMPLI	ETION	REPORT	AND L	OG		Lease SerialNMNM - 03	No. 5491-	149 I-149-I	
Name of Content		_		Gas		-	Other		7.4 11	, 3 U	/ (
AMOCO PRODUCTION COMPANY E-Mail: heav-adjeth, cogn() 3 4 5 6 GALLEGOS CANYON UNIT 18 A. Address P.O. DOX 2002 1. Price No. (ficible) are scodyly Pri: 281.366/4081 2. AT Will No. 30-045-07338 4. Lecation of Will (Report Lecation clearly and in accordance with Foderal requirements) At surface SENE Lot H 1650FNL 900FEL At top prod interval reported below At 100 all opth At 100	b. Typc of	Completion	_				Deeper	n 📋 Plu 700	g Back	☑ Diff. R		. Unit or CA A	green	nent Name and No.	
4. Location of Will (Report location clearly and in accordance with Federal requirements) At surface SENE Lot H 1650FNL 909FEL At surface SENE Lot H 1650FNL 909FEL At surface SENE Lot H 1650FNL 909FEL At top prod interval reported below At top disphire 15. Data T.D. Reached 07/02/1952 15. Data T.D. Reached 07/02/1952 15. Data T.D. Reached 07/02/1952 16. Data Completed 07/02/1952 17. Data T.D. Reached 07/02/1952 18. Total Depti: MD 1429 19. Flugs Back T.D: 10. Data Completed 07/02/1952 10. Depth Bridge Flug Set: MD 10.	AMOCO	PRODUC		MPANY		Conta	E-Mail	: hlavad@	bp.com	345	6 >	B. Lease Name GALLEGO	and W S CAN	'cli No. NYON UNIT 18	
At top prod interval reported below At total depth At total depth At total depth At Des Spudded OT/02/1852 15. Date T.D. Reached 16. Date Completed 17. Date Spudded 17. Date Spudded 18. Total Peth 18. Total Pe	3. Address			7253			3 F	a. Phone N Ph: 281.36	CAND 4	43 71	a " /	API Well No		30-045-07338	
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14. Date Sputded 15. Date T.D. Reached 16. Date Catapheted 17.25/1552 17.00 17.25/1552 18. Total Depth: MD 1429 19. Play Back T.D.: MD //429 1376/747 19. Depth Bridge Play Set. MD 14.20 19. Play Back T.D.: MD //429 1376/747 19. Depth Bridge Play Set. MD 17. Depth Set. MD 17.	• • •		reported 0	CIOW	•			j.		Wr.		2. County or P	arish	13. State	
18. Total Depth: MD 1429 19. Plug Back T.D.: MD 7429 1976 PMP 20. Depth Bridge Flug Set: MD TVD	14. Date Spi	udded							. A 🌭 '1571 I	Ready to Pr	04 \\)	7. Elevations (DF, K	B, RT, GL)*	
22. Was well coeff 28 No Ves (Submit analysis)	18. Total De	epth:		1429	<u>'</u>	19. Plug B	ack T.D.:	MD .	1429 137	6 WA	20. Depth	Bridge Plug Se	et:		
23. Casing and Liner Record Report all strings set in well	21. Type Ele	ectric & Oth	ner Mecha	nical Logs F	Run (Subm	uit copy of	each)					⊠ No	☐ Ye	s (Submit analysis)	
Hole Sizz Sizz/Grade Wt. (#/h.) (MD) (MD) Stage Cementer No. of Ska. & Sturry Vol. (BBL) Cement Top* Amount Pulled	2 Cooing on	d I inor Doo	and (Pana	nd all atuin a	a and in		 .	· ·				y? ⊠ No	H Ye	s (Submit analysis) s (Submit analysis)	
10,000 3 3 8,825 26,0					Ton		tom Sta	ge Cementer	No. of	Sks. &	Slurry V	ol.			
7.875				``	(MD			Depth	Type of			Cement			
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 3. 2-9.75 (-3.70/4922) 2.0-63 /3.70/4922 25. Producing Intervals Formation Top Bottom Perforated Interval Size No. Holes Perf. Status A FRUFFLAND COAL -4354 -1365 +14354 TO 1908 B) PICTURED CLIFSS /36.5 4268 1429 /37.4/4865 TO 1429 OPENHOLE C) D) 27. Acid, Fracture, Treatment, Cernent Squeeze, Bic. Depth Interval A Mase First Teat Production BBL MCF BBL Gar. Production BBL MCF BBL Gar. Production Method Gravity Gar. Gravity Grav. Gravity Gravity Grav. Gravity Grav. Gravity Gravity Grav. Gravity Gravity Grav. Gravity Gravity Gravity Grav. Gravity Gravity Grav. Gravity Grav. Gravity Gravity Gravity Gravity Gravity Gravity Gravity Grav. Gravity Grav			Ì						34	0					
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25. Producting Intervals 26. Perforation Record Formation A) —FRUFFLAND COAL A 954 1365 1365 4366 1429 PICTURED CLIFSS A 1429 A366-TO 1429 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 610 TO 611 SQ W/125 SXS CLASS G CMT; 15.80 PPG; YIELD 1.150 CU FT TO SURFACE 28. Production - Interval A Number First Dester Tened Production BBL MCF BBL Gravity O1/02/2002 01/02/2002 0				acker Depth	(MD)				Packer Dep	th (MD)	Size	Depth Set (M	D)	Packer Depth (MD)	
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Test Production Date										.,					
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See Instructions and spaces for additional data on reverse side) LLECTRONIC SUBMISSION #10068 VERIFFED BY THE RIM WELL INFORMATION SYSTEM JAN 2 5 2002	01/02/2002	Date	Tested		BBL	MCF	BBL	Согт.			Pro	duction Method	VS-ED/	OM WELL	
See Instructions and spaces for additional data on reverse side) LECTRONIC SUBMISSION #10068 VERIFIED BY THE RIM WELL INFORMATION SYSTEM JAN 2.5 2002	izc F	flwg. O	Press.						Pil			ACCEPT	ED	FOR RESCRE	
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28b. Production - Interval C Date First Test Hours Test Production BBL MCF BBL Corr. API Gas Oravity Production Method							
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28c. Production - Interval D 28c. Production - Interval Gas Supported - Interval Gas Gravity 28c. Production - Interval Gas Gravity 38c. Production - Interval Cas. Production - Interval Gas Gravity 38c. Production - Interv							
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Produced Date Tested Production BBL MCF BBL Corr. API Gravity Choke Tbg. Press. Cag. 24 Hr. Rate BBL MCF BBL Gas 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. Formation Top Bottom Descriptions, Contents, etc. Name FRUITLAND COAL 1354 1368 PICTURED CLIFFS 1365 1429 OPEN HOLE OJO ALAMO COAL SHALE							
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. Formation Top Bottom Descriptions, Contents, etc. Name	Production Method						
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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. Formation Top Bottom Descriptions, Contents, etc. Name FRUITLAND COAL PICTURED CLIFFS 1365 1429 OPEN HOLE SHALE	·········						
FRUITLAND COAL 1354 1368 PICTURED CLIFFS 1365 1429 OPEN HOLE COAL SHALE	· · · · · · · · · · · · · · · · · · ·						
FRUITLAND COAL 1354 1368 PICTURED CLIFFS 1365 1429 OPEN HOLE COAL SHALE	Top Meas. Depth						
	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 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:	Survey						
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 Churry Hlave Title AUTHORIZED REPRESENTATIVE							
Signature (Electronic Submission) Date 01/18/2002	Date <u>01/18/2002</u>						
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 ager of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	псу						

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 ½ "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 5-½" 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.