Form 3160-4
(August 1999)

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. NMSF -79691

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: AMOCO PRODUCTION COMPANY
Contact: MARY CORLEY
E-Mail: corleyml@bp.com

8. Lease Name and Well No. GELBKE COM 1

3. Address: P.O. BOX 3092, HOUSTON, TX 77253
3a. Phone No. (include area code) Ph: 281.366.4491

9. API Well No. 30-045-20157

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NWSW Lot L 1710FSL 1155FWL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey or Area Sec 11 T31N R11W Mer NMP

12. County or Parish SAN JUAN
13. State NM

14. Date Spudded 11/08/1967
15. Date T.D. Reached 11/18/1967
16. Date Completed ☐ D & A ☐ Ready to Prod. 09/25/2001
17. Elevations (DF, KB, RT, GL)* 6105 KB

18. Total Depth: MD 7397 TVD
19. Plug Back T.D.: MD 7390 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
15.000	9.625	32.0	0	175		150		0	
8.750	7.000	20.0	0	3000		350			
6.250	4.500	11.0	0	7396		450			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7285							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	4292	5330	5060 TO 5330	3.080	34	
B)				4695 TO 4980	3.080	32	
C)				4292 TO 4592	3.080	38	
D)							

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

Depth Interval	Amount and Type of Material
5060 TO 5330	80,000# OF 16/30 BRADY SAND & 70% FOAM
4695 TO 4980	80,000# OF 16/30 BRADY SAND & 70% FOAM
4292 TO 4592	80,000# OF 16/30 BRADY SAND & 70% FOAM

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
10/24/2001	09/24/2001	12	→	1.0	725.0	1.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
		210.0	→					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
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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

ELECTRONIC SUBMISSION #7789 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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NOV 2001

ACCEPTED FOR RECORD
NOV 16 2001
FARMINGTON FIELD OFFICE

NMOCD

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.)*
SOLD

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
MESAVERDE	4292	5330		MESAVERDE	4505
				MANCOS	5510
				GALLUP	6410
				GREENHORN	7062
				GRANEROS	7118
				DAKOTA	7171

32. Additional remarks (include plugging procedure):
Well is now commingling production downhole from the Dakota and Mesaverde Formations.
Please see attached daily summary of subsequent operations.

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 #7789 Verified by the BLM Well Information System.
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 10/15/2001 ()

Name *(please print)* MARY CORLEY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 10/09/2001

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 fradulent statements or representations as to any matter within its jurisdiction.

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GELBKE COM 1
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
10/09/2001

09/12/2001 MIRUSU @ 09:30 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG. SDFN.

09/13/2001 TIH & set a CIBP @ 5475'. Load hole w/2% KcL water. Pressure tested CSG to 2500#. Held OK. RU & run CBL. Had good bond. RU & Perf Point Lookout: 3 1/8 inch diameter

Upper Point Lookout Perforations, 1 spf, 120° phasing (12 shots/ 12 holes):
5060', 5067', 6075', 5088', 5095', 5100', 5109', 5111', 5120', 5122', 5132', 5135'

Lower Point Lookout Perforations, 2 spf, 120° phasing (11 shots/ 22 holes):
5153', 5175', 5197', 5220', 5236', 5243', 5264', 5275', 5292', 5309', 5330'

09/17/2001 RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam. RU & TIH w/CIBP & set @ 5000'. RU & Perf Menefee: 3 1/8 inch diameter

Menefee Perforations, 2 spf, 120° phasing (16 shots/ 32 holes):
4695', 4713', 4758', 4775', 4782', 4851', 4858', 4863', 4886', 4895', 4910', 4916', 4929', 4946', 4973', 4980'

RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam. & TIH w/CIBP & set @ 4625'. RU & Perf Cliffhouse & Lower Lewis: 3 1/8 inch diameter

Lower Lewis Perforations, 2 spf, 120° phasing (13 shots/26 holes):
4292', 4300', 4331', 4338', 4352', 4380', 4398', 4418', 4425', 4433', 4450', 4460', 4478'

Cliffhouse Perforations, 1 spf, 120° phasing (12 shots/12 holes):
4510', 4515', 4525', 4533', 4540', 4546', 4552', 4565', 4570', 4579', 4585', 4592'

RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam. RU & Flow back well thru $\frac{1}{4}$" choke all night.

09/18/2001 Flowback well thru $\frac{1}{4}$" choke. @ 12:00 hrs upsized to $\frac{1}{2}$" choke. After 1 hrs upsized to $\frac{3}{4}$" choke & flowback. @ 17:30 hrs SDFN.

09/19/2001 TIH & tag fill @ 4520'. Circ hole clean to top of CIBP set @ 4625'. DO CIBP. TIH & tag fill @ 4930'. C/O to top of CIBP set @ 5000'. PU above perfs & flow back well on $\frac{3}{4}$" choke overnight.

09/20/2001 TIH & tag CIBP @ 5000'. DO CIBP. Circ hole clean to CIBP set @ 5475'. DO CIBP & circ hole clean. To PBTD @ 7390'. PU above perfs & flow back.

09/21/2001 TIH & tagged 8' of fill. Circ hole clean. PU above perfs and flow back. TIH & found 0 fill. PU above perfs & flow back overnight.

09/24/2001 TIH & found 0 fill. PU above perfs & flow test well 12 hrs. thru ¾" choke. 725 MCF Gas, Trace WTR, Trace oil. TIH W/2 3/8" production TBG @ land 7285'. ND BOP's & NUWH. Pull TBG plug. RDSU @ 17:30 hrs.

09/25/2001 RDMOSU. Rig Release @ 07:00 hrs.