

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 - 078095

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator AMOCO PRODUCTION COMPANY			8. Lease Name and Well No. CASE LS 9		
3. Address P.O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-10879		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW Lot K 1680FSL 1520FWL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
14. Date Spudded 07/29/2001			15. Date T.D. Reached 08/10/2001		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/28/2001			17. Elevations (DF, KB, RT, GL)* 6147 GL		
18. Total Depth: MD 7480 TVD 7466			19. Plug Back T.D.: MD 7335 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
13.000	10.750 H-40	33.0	0	298		220		0	
11.000	7.625 J-55	26.0	0	2902		240	290	1100	
8.750	5.500 J-55	17.0	0	7084		470	420		
6.250	4.500 J-55	11.0	6996	7460		50			

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	7169							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4880	5312	4880 TO 4943	3.080	8	
B)			4995 TO 5135	3.080	12	
C)			5152 TO 5312	3.080	20	
D)						

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

Depth Interval	Amount and Type of Material
4880 TO 5312	81,000# OF 16/30 ARIZONA 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
09/25/2001	01/25/2001	12	→	1.0	448.0	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	
3/4		180.0	→					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	
			→						

ACCEPTED FOR RECORD
NOV 07 2001
FARMINGTON FIELD OFFICE
BY

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

ELECTRONIC SUBMISSION #7768 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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	4880	5312		CLIFFHOUSE MENEFE POINT LOOKOUT MANCOS GALLUP	4468 4588 4989 5167 6392

32. Additional remarks (include plugging procedure):

Subject well is now commingling production downhole in the Basin Dakota and Blanco Mesaverde Formations. Please see attached for daily sundry 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 #7768 Verified by the BLM Well Information System.
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 10/09/2001 ()

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 10/08/2001

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

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CASE LS 9
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
10/08/2001

09/18/2001 MIRUSU @ 12:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG. SDFN.

09/19/2001 TIH & set a CIBP @ 5450'. Load hole w/2% KcL water. Pressure tested CSG to 2500#. Held OK. RU & ran CBL. Found good CMT bond. RU & Perf Point Lookout & Lower Menefee: 3 1/8 inch diameter

Lower Menefee perforations, 2 spf, 120° phasing (4 shots/ 8 holes):
4880', 4900', 4932', 4943'

Upper Point Lookout Perforations, 1 spf, 120° phasing (12 shots/ 12 holes):
4995', 5005', 5015', 5032', 5045', 5060', 5065', 5078', 5092', 5108', 5122', 5135'

Lower Point Lookout Perforations, 2 spf, 120° phasing (10 shots/ 20 holes):
5152', 5172', 5192', 5206', 5230', 5250', 5262', 5285', 5290', 5312'

09/20/2001 RU & Frac w/81,000# of 16/30 Arizona Sand & 70% Foam. RU & Flow back well thru 1/4" choke all night.

09/21/2001 Flowback well thru 1/4" choke. Upsized to 3/4" choke @ 12:00 hrs. Flow back 3 hrs.

09/24/2001 Flow back well on 3/4" choke overnight.

09/25/2001 TIH & tag fill @ 5400'. Circ hole clean to top of CIBP set @ 5450'. DO CIBP & circ hole clean to 6996'. PU above perfs & flow test well 12 hrs. thru 3/4" choke. 448 MCF Gas, Trace WTR, Trace oil.

09/26/2001 TIH & DO remains of CIBP. C/O to 7335' PBTD. PU above TOL & SDFN.

09/27/2001 TOH. & SDFN

09/28/2001 TIH W/2 3/8" production TBG @ land 7169'. ND BOP's & NUWH. Pull TBG plug. RDSU.

10/01/2001 Rig Release @ 07:00 hrs.