District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

Form C-140
Revised 06/99

SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

JUN 2002

APPLICATION FOR WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address								OGRID Number
BP America Production Company P.O. Box 3092 Attn: Mary Corley Houston, TX 77253								000778
Contact Party								Phone
Mary Corley								281-366-4491
Property Name						Well Number		API Number
~~Hughes A~~ Riddle Com						#E 7		30-045-25154
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
K	08	28N	08W	1700	South	1750	West	San Juan

II. Workover

Date Workover Commenced:	Previous Producing Pool(s) (Prior to Workover):
06/27/2001	Basin Dakota
Date Workover Completed:	
07/09/2001	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of Texas)
) ss.
County of Harris)

Mary Corley, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Mary Corley Title Senior Regulatory Analyst Date June 19, 2002

SUBSCRIBED AND SWORN TO before me this 19 day of June, 2002.

Patricia Bogg Disiena
Notary Public, State of Texas
My Commission Expires
September 20, 2005

My Commission expires: Notary Public Patricia Bogg Disiena

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 07-09-2001.

Signature District Supervisor	OCD District	Date
Charlie Perrin	Aztec III	06-24-2002

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Well: RIDDLE COM No.: 7
Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-25154
Township: 28.0N Range: 08W
Section: 8 Unit: 3
Land Type: F County: San Juan

Year: 2000
Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL	Days Prodı	Accum. Oil	Accum. Gas(MCF)
January	2	1812	0	31	368	180174
February	0	1712	0	29	368	181886
March	0	1940	0	31	368	183826
April	0	1908	40	30	368	185734
May	0	1989	35	31	368	187723
June	0	1561	0	25	368	189284
July	0	1654	0	31	368	190938
August	3	1275	0	31	371	192213
September	2	2087	0	30	373	194300
October	0	1800	0	31	373	196100
November	1	1785	20	30	374	197885
December	4	1505	0	31	378	199390
Total	12	21028	95	361		

Year: 2001
Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL	Days Prodı	Accum. Oil	Accum. Gas(MCF)
January	3	1899	0	31	381	201289
February	3	2128	0	28	384	203417
March	6	2252	30	31	390	205669
April	6	1736	0	29	396	207405
May	0	941	160	5	396	208346
June	0	1753	0	0	396	210099
July	0	1407	20	23	396	211506
August	6	1972	16	31	402	213478
September	8	1803	12	30	410	215281
October	3	1757	13	31	413	217038
November	3	1244	22	30	416	218282
December	6	1164	3	31	422	219446
Total	44	20056	276	300		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL	Days Prodı	Accum. Oil	Accum. Gas(MCF)
January	0	0	0	0	422	219446
February	0	0	0	0	422	219446
March	0	0	0	0	422	219446
April	0	0	0	0	422	219446
May	0	0	0	0	422	219446
June	0	0	0	0	422	219446
July	0	7248	105	23	422	226694
August	26	8611	69	31	448	235305
September	33	7572	48	30	481	242877
October	11	6494	47	31	492	249371
November	17	6627	23	30	509	255998
December	32	6296	17	31	541	262294
Total	119	42848	309	176		

Well: RIDDLE COM No.: 7
Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-25154
Township: 28.0N Range: 08W
Section: 8 Unit: 3
Land Type: F County: San Juan

Year: 2002
Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL	Days Prodı	Accum. Oil	Accum. Gas(MCF)
January	3	1100	6	31	544	263394
February	3	1038	0	28	547	264432
March	0	0	0	0	547	264432
April	0	0	0	0	547	264432
May	0	0	0	0	547	264432
June	0	0	0	0	547	264432
July	0	0	0	0	547	264432
August	0	0	0	0	547	264432
September	0	0	0	0	547	264432
October	0	0	0	0	547	264432
November	0	0	0	0	547	264432
December	0	0	0	0	547	264432
Total	6	2138	6	59		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL	Days Prodı	Accum. Oil	Accum. Gas(MCF)
January	17	6047	34	31	564	270479
February	13	5376	0	28	577	275855
Total	30	11423	34	59		

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. NMNM - 05671

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.: RIDDLE COM 7

3. Address: P.O. BOX 3092, HOUSTON, TX 77253
3a. Phone No. (include area code): Ph: 281.366.4491 Fx: 281.366.0700

9. API Well No.: 30-045-25154

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NESW Lot K 1700FSL 1750FWL
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 8 T28N R8W Mer NMP

12. County or Parish: SAN JUAN
13. State: NM

14. Date Spudded: 07/02/1981
15. Date T.D. Reached: 07/09/1981
16. Date Completed: ☐ D & A ☐ Ready to Prod. 07/06/2001
17. Elevations (DF, KB, RT, GL)*: 5872 GL

18. Total Depth: MD 6855 TVD
19. Plug Back T.D.: MD TVD
20. Depth Bridge Plug Set: MD TVD

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

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)	Casing Top*	Amount Pulled
12.250	9.625	36.000		284		250		0	
8.750	7.000	23.000		2890		400		0	
6.250	4.500	11.000	2698	6855		465			

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	6600							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	3956	4892	3956 TO 4892		81	
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
4446 TO 4892	80,000 LBS 16/30 BRADY SAND & 70% FOAM
3956 TO 4315	80,000 LBS 16/30 BRADY SAND & 70% FOAM(2)

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
07/03/2001	07/03/2001	12	→	1.0	200.0	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		190.0	→					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
AUG 0 8 2001
FARMINGTON FIELD OFFICE
BY MW

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #5661 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

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.)*
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	3956	4892		CLIFFHOUSE	3956
				MENEFEE	4145
				POINT LOOKOUT	4515
				MANCOS	4555
				GALLUP	5741
				GRANEROUS	6555
				DAKOTA	6603

32. Additional remarks (include plugging procedure):
Well is now producing from both the Dakota and Mesaverde Pools with production commingled downhole.

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 #5661 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.
Sent to the Farmington. Committed to AFMSS for processing by Lucy Bee on 07/18/2001 ()

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

Signature _____ Date 07/13/2001

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

RIDDLE COM 7
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
07/09/2001

06/27/2001 MIRUSU @ 07:30 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG. TIH & set a CIBP @ 5050'. Load hole w/2% KcL water. Pressure tested to 2500#. Held OK. RU & ran GR Log. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee, 2 JSPF, 120° phasing (2 shots/ 4 holes):
4446', 4459'

Upper Point Lookout, 1 spf, 120° phasing (13 shots/13 holes):
4520', 4524', 4529', 4540', 4544', 4550', 4565', 4572', 4576', 4588', 4600', 4604', 4612'

Lower Point Lookout, 2 JSPF, 120° phasing (12 shots/24 holes):
4627', 4644', 4656', 4666', 4689', 4708', 4730', 4750', 4806', 4837', 4868', 4892'

06/28/2001 RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam. RU & TIH w/CIBP & set @ 4350'. RU & Perf Cliffhouse: 3.125 inch diameter

Cliffhouse/ Menefee perforations, 2 JSPF, 120° phasing (20 shots/ 40 holes):
3956', 3969', 3977', 3994', 4010', 4015', 4020', 4046', 4059', 4076', 4100', 4120', 4137', 4193', 4218', 4242', 4282', 4290', 4302', 4315'

RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam. RU & Flow back well thru ¼" choke all night.

06/29/2001 Flowback well thru ¼" choke. Upsized to ½" choke. After 4 hrs. upsized to ¾" . Shut well in.

07/02/2001 TIH & tag fill @ 4270'. Circ hole clean to top of CIBP set @ 4350'. DO CIBP. TIH & tagged fill @ 4920'. C/O to 5000'. PU above TOL & SDFN.

07/03/2001 TIH & tag fill @ 5030. Circ hole clean to top of CIBP set @ 5050'. DO CIBP. TIH & tag fill @ 6777'. RU & circ clean to PBTD @ 6855'. PU above TOL & flow test well 12 hrs. thru ¾" choke. 200 MCF Gas, Trace WTR, Trace oil.

07/04/2001 TIH & tagged fill @ 6835'. Circ clean to PBTD. PU above TOL & flowed well thru ¾" choke. TIH & found 0 fill. PU above TOL & SDFN.

07/05/2001 TIH & tagged fill @ 6825'. Circ clean to PBTD. PU above TOL & flowed well thru ¾" choke.

07/06/2001 TIH W/production TBG @ land 6600'. ND BOP's & NUWH. Pull TBG plug.

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