

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

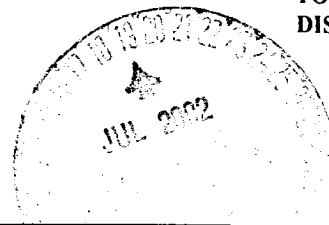
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

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

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT



I. Operator and Well

Operator name & address BP America Production Company P.O. Box 3092 Attn: Mary Corley Houston, TX 77253						OGRID Number 000778		
Contact Party Mary Corley						Phone 281-366-4491		
Property Name Hughes				Well Number 3E		API Number 30-045-24999		
UL A	Section 20	Township 29N	Range 08W	Feet From The 985	North/South Line North	Feet From The 1000	East/West Line East	County San Juan

II. Workover

Date Workover Commenced: 08/15/2001	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 08/31/2001	

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:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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 July 09, 2002

SUBSCRIBED AND SWORN TO before me this 09 day of July, 2002.

My Commission expires:  Patricia Bogg Disiena
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 8-31, 2001.

Signature District Supervisor <u>Charlie Turner</u>	OCD District <u>AZTEC III</u>	Date <u>7-19-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF - 078046

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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. Rcvr. 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: hlavac@bp.com		8. Lease Name and Well No. HUGHES 3E	
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. 30-045-24999	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE Lot A 985FNL 1000FEL 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 20 T29N R8W Mer NMP	
						12. County or Parish SAN JUAN	13. State NM
						17. Elevations (DF, KB, RT, GL)* 6555 GL	
14. Date Spudded 06/06/1981		15. Date T.D. Reached 06/13/1981		16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 08/31/2001			
18. Total Depth: MD TVD 7765		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)				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)

[illegible]

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	7682							



25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4779	5526	4779 TO 5526	3.130	106	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5404 TO 5526	80,000 LBS 16/30 BRADY SAND, 70% FOAM & N2
5054 TO 5305	80,000 LBS 16/30 BRADY SAND, 70% FOAM & N2(2)
4779 TO 4991	80,000 LBS 16/30 BRADY SAND, 70% FOAM & N2(3)

28. Production - Interval A

Date First Produced 08/29/2001	Test Date 08/29/2001	Hours Tested 12	Test Production 	Oil BBL 1.0	Gas MCF 1373.0	Water BBL 1.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 3/4	Tbg. Press. Flwg. SI	Csg. Press. 175.0	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status 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	<div> <div>ACCEPTED FOR FILING</div> <div>SEP 19 2001</div> <div>FARMINGTON FIELD OFFICE</div> </div>
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
SEP 19 2001
FARMINGTON FIELD OFFICE
BY *[Signature]*

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

ELECTRONIC SUBMISSION #6938 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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OPERATION

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	4779	5526		CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS GALLUP GRANEROS DAKOTA	4780 4891 5400 5540 6050 7437 7475

32. Additional remarks (include plugging procedure):

Well is producing and comingling production downhole with the Dakota.

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 #6938 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.
Sent to the Farmington. Committed to AFMSS for processing by Maurice Johnson on 09/06/2001 ()

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature _____

Date 09/04/2001

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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HUGHES 3E
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
09/04/2001

08/15/2001 MIRUSU @ 09:30 hrs. NDWH & NU BOP's. Unseat TBG hanger. SDFN.

08/16/2001 TIH & TOH W/TBG. TIH & set a CIBP @ 5650'. Load hole w/2% KcL water. Pressure Test CSG to 2500#. RU & Perf Point Lookout: 3.125 inch diameter

Point Lookout Perforations, 2 spf, 120° phasing (15 shots/ 30 holes):

5404', 5411', 5422', 5427', 5436', 5443', 5450', 5462', 5470',
5477', 5492', 5498', 5505', 5512', 5526'

08/20/2001 RU & Frac w/80,000# of 16/30 BradySand, 70% Foam & N2. RU & TIH w/CIBP & set @ 5340'. RU & Perf Menefee: 3.125 inch diameter

Menefee Perforations, 2 spf, 120° phasing (18 shots/ 36 holes):

5054', 5062', 5069', 5084', 5105', 5116', 5146', 5152', 5160', 5190',
5208', 5238', 5249', 5266', 5274', 5279', 5284', 5305'

08/23/2001 RU & Frac w/80,000# of 16/30 Brady Sand, 70% Foam & N2. RU & TIH w/CIBP & set @ 5000'. RU & Perf Cliffhouse: 3.125 inch diameter

Cliffhouse Perforations, 2 spf, 120° phasing (20 shots/ 40 holes):

4779', 4786', 4792', 4798', 4805', 4816', 4830', 4834', 4843', 4850',
4856', 4873', 4878', 4900', 4913', 4942', 4950', 4975', 4984', 4991'

RU & Frac w/80,000# of 16/30 Brady Sand, 70% Foam & N2. RU & Flow back well thru $\frac{1}{4}$ " choke all night.

08/24/2001 Flowback well thru $\frac{1}{4}$ " choke. After 2 hrs upsized to $\frac{1}{2}$ " choke. Upsized to $\frac{3}{4}$ " choke & flowback overnight.

08/27/2001 TIH & tag fill @ 4901'. Circ hole clean to top of CIBP set @ 5000'. DO CIBP. TIH & tag fill @ 5320'. PU above TOL & flowback well on $\frac{1}{4}$ " choke to test tank.

08/28/2001 TIH & tag fill @ 5030'. Circ hole clean to top of CIBP set @ 5340'. DO CIBP. TIH & tag fill @ 5580'. Circ hole clean to 5650'. PU above TOL & flow back well on $\frac{3}{4}$ " choke overnight.

08/29/2001 Flow test well 12 hrs. thru $\frac{3}{4}$ " choke. 1373 MCF Gas, Trace WTR, Trace oil. TIH & tag fill @ 5620' C/O to 5650'. Flow back well to test tank. TIH & found 0 fill. PU above TOL & flowback well thru $\frac{3}{4}$ " choke.

08/30/2001 TIH & DO CIBP @ 5650'. TIH & tagged PBD @ 7747'. Circ hole clean. PU above TOL, secure well & SDFN.

08/31/2001 TIH W/production TBG @ land 7682'. ND BOP's & NUWH. Pull TBG plug. RDMOSU. Rig Release @ 17:00 hrs.

Well: HUGHES No.: 003E
 Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-24999
 Township: 29.0N Range: 08W
 Section: 20 Unit: A
 Land Type: F County: San Juan

Year: 2000

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Prod Accum.	Oil Accum.	Gas(MCF)
January	6	3808	0	31	2220	1165064
February	4	3283	0	29	2224	1168347
March	12	3533	0	31	2236	1171880
April	2	3396	0	30	2238	1175276
May	4	3521	0	31	2242	1178797
June	5	2980	0	25	2247	1181777
July	5	3555	0	31	2252	1185332
August	3	3479	0	31	2255	1188811
September	4	3322	0	30	2259	1192133
October	6	3418	0	31	2265	1195551
November	8	2841	0	30	2273	1198392
December	0	117	0	5	2273	1198509
Total	59	37253	0	335		

Year: 2001

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Prod Accum.	Oil Accum.	Gas(MCF)
January	0	2039	0	9	2273	1200548
February	12	4680	0	28	2285	1205228
March	6	4086	0	31	2291	1209314
April	7	3596	0	28	2298	1212910
May	7	3122	0	31	2305	1216032
June	3	2168	0	30	2308	1218200
July	5	2314	80	16	2313	1220514
August	2	2916	0	14	2315	1223430
September	1	2771	44	27	2316	1226201
October	10	3040	32	31	2326	1229241
November	7	2976	0	30	2333	1232217
December	1	3072	8	31	2334	1235289
Total	61	36780	164	306		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Prod Accum.	Oil Accum.	Gas(MCF)
January	0	0	0	0	2334	1235289
February	0	0	0	0	2334	1235289
March	0	0	0	0	2334	1235289
April	0	0	0	0	2334	1235289
May	0	0	0	0	2334	1235289
June	0	0	0	0	2334	1235289
July	0	0	0	0	2334	1235289
August	0	0	0	0	2334	1235289
September	1	9755	156	27	2335	1245044
October	41	12314	128	31	2376	1257358
November	26	11412	0	30	2402	1268770
December	1	8005	22	31	2403	1276775
Total	69	41486	306	119		

Well: HUGHES No.: 003E
 Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-24999
 Township: 29.0N Range: 08W
 Section: 20 Unit: A
 Land Type: F County: San Juan

Year: 2002

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	4	2022	7	31	2407	1278797
February	19	2547	33	28	2426	1281344
March	10	2637	16	31	2436	1283981
April	0	0	0	0	2436	1283981
May	0	0	0	0	2436	1283981
June	0	0	0	0	2436	1283981
July	0	0	0	0	2436	1283981
August	0	0	0	0	2436	1283981
September	0	0	0	0	2436	1283981
October	0	0	0	0	2436	1283981
November	0	0	0	0	2436	1283981
December	0	0	0	0	2436	1283981
Total	33	7206	56	90		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	13	6575	23	31	2449	1290556
February	56	7608	97	28	2505	1298164
March	29	7651	45	31	2534	1305815
Total	98	21834	165	90		