

**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

1. 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 A					Well Number 6E		API Number 30-045-25228		
UL I	Section 33	Township 29N	Range 08W	Feet From The 1415	North/South Line South	Feet From The 885	East/West Line West	County San Juan	

II. Workover

Date Workover Commenced: 07/10/2001	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 07/20/2001	

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 Disena
Notary Public, State of Texas
My Commission Expires
September 20, 2005


My Commission expires _____ Notary Public Patricia Bogg Disena

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

07-24, 2001

Signature District Supervisor 	OCD District A71ec <u>III</u>	Date 6-24-2002
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

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.
NMSF078049

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 type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMSF078049	
2. Name of Operator AMOCO PRODUCTION COMPANY		8. Lease Name and Well No. HUGHES A 6E	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-25228-00-C2	
3a. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 1415FSL 0885FWL 36.67920 N Lat, 107.68677 W Lon At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 33 T29N R8W Mer NMP	
14. Date Spudded 07/18/1982		15. Date T.D. Reached 07/25/1982	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 07/20/2001		17. Elevations (DF, KB, RT, GL)* 6315 GL	
18. Total Depth: MD 7340 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) 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Casing Top*	Amount Pulled
12.250	9.675	36.000		386					
8.750	7.000	23.000		3458					
6.000	4.500	11.000	3271	7340					

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	7147							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE			4444 TO 5344	3.130	64	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
4444 TO 4752	80,000 LBS 16/30 BRADY SAND & 70% FOAM & N2
4957 TO 5344	80,000 LBS 16/30 BRADY SAND & 70% FOAM & N2(2)

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/18/2001	07/18/2001	12	→	1.0	650.0	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	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 #5902 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

OPERATOR

ACCEPTED FOR
AUG 13 2001

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
DAKOTA MESAVERDE	4444	5344		DAKOTA OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS MESAVERDE CLIFF HOUSE MENELEE POINT LOOKOUT MANCOS GALLUP	1850 2002 2604 2872 2924 4430 4576 5112 5470 6412

32. Additional remarks (include plugging procedure):

Production is now commingled downhole within the Blanco Mesaverde and the Basin Dakota Pools.

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 #5902 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.
Sent to the Farmington. Committed to AFMSS for processing by Geneva McDougall on 07/25/2001 (01GXM0103SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature _____

Date 07/23/2001

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.

*** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

HUGHES A 6E
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
07/23/2001

07/10/2001 MIRUSU @ 07:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG. TIH & set a CIBP @ 5500'. Load hole w/2% KcL water. Pressure tested CSG to 2500#. Held Ok. RU & run CB log. Had good bond. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee perforations, 2 JSPF, 120° phasing (3 shots/ 6 holes):

4957', 4979', 4983'

Upper Point Lookout Perforations, 1 JSPF, 120° phasing (14 shots/ 14 holes):

5050', 5054', 5057', 5064', 5074', 5079', 5087', 5100', 5107', 5114', 5118', 5128', 5140', 5144'

Lower Point Lookout Perforations, 2 JSPF, 120° phasing (10 shots/ 20 holes)

5162', 5182', 5221', 5238', 5256', 5264', 5268', 5294', 5336', 5344'

07/11/2001 RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 4880'. RU & Perf Cliffhouse & Menefee: 3.125 inch diameter

Cliffhouse perforations, 1 JSPF 120° phasing (18 shots/ 18 holes):

4444', 4451', 4465', 4471', 4476', 4483', 4490', 4500', 4507', 4514', 4522', 4526', 4542', 4546', 4550', 4556', 4567', 4572'

Upper Menefee perforations, 2 JSPF, 120° phasing (8 shots/ 16 holes):

4599', 4620', 4640', 4678', 4714', 4722', 4748', 4752'

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

07/12/2001 Flowback well thru $\frac{1}{4}$ " choke. At 08:00 hrs upsized to $\frac{1}{2}$ " choke. @ 13:00 hrs Upsized to $\frac{3}{4}$ " choke & flowback overnight.

07/13/2001 TIH & tag fill @ 4581'. Circ hole clean to top of CIBP set @ 4880'. DO CIBP. TIH & tag fill @ 5400'. Circ hole clean to top of CIBP set @ 5500'. PU above liner top & flowed back well thru $\frac{3}{4}$ " choke.

07/16/2001 TIH & tagged fill @ 4560'. Circ hole clean to top of CIBP set @ 5500'. Attempt to DO CIBP. TOH & SDFN.

07/17/2001 TIH & tagged fill @ 5489' Circ hole clean to top of fish @ 5498'. Tag fish & TOH. SDFN.

07/18/2001 TIH & mill up junk & milled out CIBP. TIH & circ clean to PBTD @ 7320'. PU above TOL & flow test well 12 hrs. thru $\frac{1}{4}$ " choke. 650 MCF Gas, Trace WTR, Trace oil.

07/19/2001 TIH & circ clean to PBTD. TOH. TIH W/production TBG @ land 7147'. ND BOP's & NUWH. Pull TBG plug.

07/20/2001 RDMOSU. Rig Release @ 08:00 hrs.

Well: HUGHES A No.: 006E
 Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-25228
 Township: 29.0N Range: 08W
 Section: 33 Unit: L
 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	0	0	0	0	6249	728413
February	0	0	0	0	6249	728413
March	0	0	0	0	6249	728413
April	0	0	0	0	6249	728413
May	0	0	0	0	6249	728413
June	1	7734	0	21	6250	736147
July	70	6560	0	31	6320	742707
August	32	4468	0	31	6352	747175
September	19	3663	0	30	6371	750838
October	22	1594	0	31	6393	752432
November	13	1890	0	30	6406	754322
December	3	2888	0	31	6409	757210
Total	160	28797	0	205		

Year: 2001

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	28	3567	0	31	6437	760777
February	12	2675	0	28	6449	763452
March	12	1905	0	31	6461	765357
April	8	2016	0	28	6469	767373
May	20	1829	0	31	6489	769202
June	8	492	0	30	6497	769694
July	0	1447	0	9	6497	771141
August	7	3714	42	31	6504	774855
September	28	3571	16	30	6532	778426
October	7	3524	34	30	6539	781950
November	28	3210	8	30	6567	785160
December	18	3257	41	31	6585	788417
Total	176	31207	141	340		

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	6585	788417
February	0	0	0	0	6585	788417
March	0	0	0	0	6585	788417
April	0	0	0	0	6585	788417
May	0	0	0	0	6585	788417
June	0	0	0	0	6585	788417
July	1	3753	0	9	6586	792170
August	21	10388	118	31	6607	802558
September	64	8350	39	30	6671	810908
October	16	8379	81	30	6687	819287
November	58	6640	17	30	6745	825927
December	34	6336	79	31	6779	832263
Total	194	43846	334	161		

Well: HUGHES A No.: 006E
 Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-25228
 Township: 29.0N Range: 08W
 Section: 33 Unit: L
 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	0	0	0	0	6779	832263
February	0	2660	39	28	6779	834923
March	0	0	0	0	6779	834923
April	0	0	0	0	6779	834923
May	0	0	0	0	6779	834923
June	0	0	0	0	6779	834923
July	0	0	0	0	6779	834923
August	0	0	0	0	6779	834923
September	0	0	0	0	6779	834923
October	0	0	0	0	6779	834923
November	0	0	0	0	6779	834923
December	0	0	0	0	6779	834923
Total	0	2660	39	28		

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	6779	834923
February	1	4929	71	28	6780	839852
Total	1	4929	71	28		