

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF - 078046

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator AMOCO PRODUCTION COMPANY			Contact: MARY CORLEY E-Mail: corleyml@bbl.com		
3. Address P.O. BOX 3092 HOUSTON, TX 77253			3a. Phone No. (include area code) Ph: 281.366.4491 F: 281.366.0700		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 1/4 N 1070FSL 1710FWL At top prod interval reported below At total depth			8. Lease Name and Well No. HUGHES 5E		
14. Date Spudded 01/17/1982			15. Date T.D. Reached 01/25/1982		
16. Date Completed ☐ D & A ☐ Ready to Prod 08/15/2001			9. API Well No. 30-045-25188		
18. Total Depth: MD 7650 TVD			19. Plug Back T.D.: MD TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR			11. Sec., T., R., M., or Block and Survey or Area Sec 20 T29N R8W Mer NMP		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			12. County or Parish SAN JUAN		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 6458 GL		

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	9.625	36.000		296		225			
8.750	7.000	23.000		3670		400			
6.250	4.500	11.000	3496	7650		500			

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	7341							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ME SAVERDE	4658	5454	4658 TO 5454	3.130	73	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5206 TO 5454	80,000LBS 16/30 ARIZONA SAND & 70% FOAM & N2
4658 TO 5117	80,000LBS 16/30 ARIZONA SAND & 70% FOAM & N2(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
08/10/2001	08/10/2001	12	→	1.0	950.0	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	
		220.0	→					PGW	

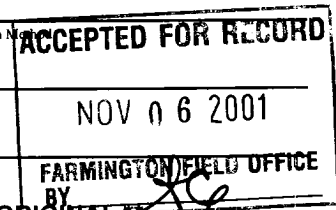
28a. Production - Interval B

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 #6479 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



HUGHES 5E
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
07/23/2001

08/02/2001 MIRUSU @ 12:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG.

08/06/2001 TIH & set a CIBP @ 5600'. Load hole w/2% KcL water. Pressure tested CSG to 2500#. Held Ok. RU & run GR log. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee perforations, 2 spf, 120° phasing (2 shots/ 4 holes):

5206', 5214'

Upper Point Lookout Perforations, 1 spf, 120° phasing (13 shots/ 13 holes):

5252', 5258', 5262', 5272', 5282', 5288', 5292', 5300', 5304', 5308', 5315', 5325', 5331'

Lower Point Lookout Perforations, 2 spf, 120° phasing (12 shots/ 24 holes):

5346', 5351', 5360', 5367', 5380', 5390', 5396', 5409', 5430', 5442', 5450', 5454'

08/07/2001 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 5140'. RU & Perf Cliffhouse & Upper Menefee: 3.125 inch diameter

Cliffhouse Perforations, 1 spf, 120° phasing (18 shots/ 18 holes):

4658', 4663', 4688', 4694', 4707', 4713', 4719', 4735', 4740', 4746', 4753', 4768', 4773', 4776', 4781', 4791', 4798', 4802'

Menefee Perforations, 2 spf, 120° phasing (12 shots/ 24 holes):

4820', 4839', 4905', 4912', 4960', 4995', 5002', 5030', 5065', 5096', 5110', 5117'

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

08/08/2001 Flowback well thru $\frac{1}{4}$ " choke. At 07:30 hrs upsized to $\frac{1}{2}$ " choke. @ 14:00 hrs Upsized to $\frac{3}{4}$ " choke & flowback overnight.

08/09/2001 TIH & tag fill @ 5100'. Circ hole clean to top of CIBP set @ 5140'. DO CIBP. TIH & circ clean to top of CIBP set @ 5600'. PU above TOL & flowed back well thru $\frac{3}{4}$ " choke.

08/10/2001 TIH & tagged fill @ 5590'. Circ hole clean to top of CIBP set @ 5600'. DO CIBP. Circ hole clean to PBTD @ 7638' PU above TOL flow test well 12 hrs. thru $\frac{3}{4}$ " choke. 950 MCF Gas, Trace WTR, Trace oil.

08/13/2001 TIH & circ clean to PBTD. PU above TOL & flow back thru 3" lines. TIH & found 0 fill. PU above TOL & SDFN.

08/14/2001 TIH & check for fill, found 0 fill. TOH. TIH W/production TBG @ land 7341'. ND BOP's & NUWH. Pull TBG plug.

08/15/2001 RDMOSU. Rig Release @ 12:00 hrs.