

(August 1999)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry		5. Lease Serial No. SE - 079947	
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. Rest.		6. If Indian, Allottee or Tribe Name	
Other		7. Unit or CA Agreement Name and No.	
2. Name of Operator AMOCO PRODUCTION COMPANY		8. Lease Name and Well No. HELEN JACKSON 1E	
3. Address P.O. BOX 3092 HOUSTON TX 77079		9. API Well No. 3004524940	
3a. Phone No. (include area code) 281.366.4491		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1630FEL 1650FNL At top prod. interval reported below At total depth		11. Sec., T., R., M., on Block and Survey or Area SWNE 34 29N 9W NMP	
14. Date Spudded 04/20/1981		15. Date T.D. Reached 05/01/1981	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/27/2000		17. Elevations (DF, RKB, RT, GL)* GL 5716	
18. Total Depth: MD 6661 TVD		19. Plug Back T.D.: MD 6649 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) (None specified)	
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 report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			

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)	Cement Top*	Amount Pulled
12.250	9.625	36.000		241		250			
8.750	7.000	23.000		3499		700			
6.250	4.500	11.000	3350	6660		430			

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	6450							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	3993	4506	3993 TO 4506		46	
B)						
C)						
D)						

27. Acid Fracture Treatment, Cement Squeeze, Etc.

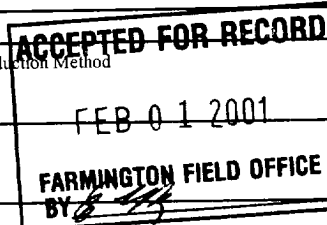
Depth Interval	Amount and Type of Material
3993 TO 4506	80,000 16/30 ARIZONA SAND & 70% Q FOAM

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
12/20/2000	12/20/2000	12	—	1.0	225.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 195.0	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
			—						
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 #2250 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
MESAVERDE	3993	4506		NACIMENTO OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS GALLUP DAKOTA	800 1165 1805 1979 2101 3778 3894 4308 4609 5506 6440

32. Additional remarks (include plugging procedure):

Well downhole commingled with Easin Dakota formation. DHC R-11363. For details of recompletion and downhole activity please see attached Subsequent Report.

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 #2250 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.

Sent to the Farmington Field Office. Committed to AFMSS for processing by Maurice Johnson on 12/27/2000

Name(please print) MARY CORLEY Title SUBMITTING CONTACT

Signature _____ Date 01/04/2001

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.

HELEN JACKSON 1E
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
01/03/2001

12/11/2000 MIRUSU @ 18:00 hrs. NDWH & NU BOP's. TOH W/TBG. SDFN.

12/13/2000 TIH & set a CIBP @ 4650'. Load hole w/2% KcL water. Pressure Test CSG to 500#. Held Ok. RU & Perf Point Lookout & Menefee: 340 inch diameter

Menefee & Point Lookout perforations, 2 spf, 120° phasing (23 shots/ 46 holes):
3993', 4004', 4010', 4150', 4158', 4182', 4205', 4224', 4291', 4305', 4324',
4334', 4362', 4390', 4400', 4414', 4420', 4434', 4442', 4456', 4475', 4493',
4506'

12/14/2000 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & Flow back well thru $\frac{1}{2}$ " choke all night.

12/15/2000 Upsized choke to $\frac{1}{2}$ " & Flowed back well to pit 9.50 hrs. SIFN.

12/19/2000 RU & TIH & tag fill @ 4258'. Circ clean to top of CIBP set @ 4650'. PU above TOL & flow well to pit 9.50 hrs. SDFN.

12/20/2000 TIH to top of CIBP set @ 4650'. DO CIBP. TIH & C/O to PBTD @ 6649'. PU above perfs & flowed tested well overnight (12 hrs.) thru $\frac{1}{2}$ " choke - 225 MCF Gas, Trace WTR, Trace Oil.

12/21/2000 TIH & tag 3' of fill. Circ clean to PBTD. PU above perfs & put well to natural flow 8 hrs. TOH & SDFN.

12/27/2000 TIH W/2 3/8" Prod TBG & Land @ 6450'. ND BOP's & NUWH. Pull TBG plug. RDMOSU. Rig Release @ 13:00 hrs.