

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Submit to
Appropriate
District Office
State Lease - 6DISTRICT I
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-045-30307

Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Barnes

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐GAS WELL ☒DRY ☐OTHER ☐

b. Type of

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF RESVR ☐OTHER ☐

2. Name of Operator

Amoco Production Company

Attention

Melissa Velasco

8. Well No.

4B

3. Address of Operator

Post Office Box 3092 Houston, Texas 77253-3092 (281) 366-2548

9. Pool name or Wildcat

Blanco Mesaverde

4. Well Location

Unit Letter E : 1900' Feet From The NORTH Line and 810' Feet From The West LineSection 26Township 32NRange 11W

NMPM

SAN JUAN

County

10. Date Spudded

08-11-00

11. Date T.D. Reached

08-20-00

12. Date Compl. (Ready to Prod.)

09-26-00

13. Elevations (DF & RKB, RT, GR, etc.)

6545'

14. Elev. Casinghead

15. Total Depth

5984'

16. Plug Back T.D.

5971'

17. If Multiple Compl. How

Many Zones?

18. Intervals Drilled By

Rotary Tools

YES

Cable Tools

NO

19. Producing Interval(s), of this completion - Top, Bottom, Name

4801' - 5864'

Blanco Mesaverde

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

TDT

22. Was Well Cored

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8" J-55	32.3#	147'	13 1/2"	150 SXS CLS B to SURF	
7" J55 N80	20# 23#	2777'	8 3/4"	455 SXSCLS B to SURF	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	2626'	5425'	300 SXS	

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	5623'	

26. Perforation record (interval, size, and number)

- 5538' - 5864' 2 JSPF, 0.330 inch diameter, total 50 shots
- 5096' - 5470' 2 JSPF, 0.330 inch diameter, total 50 shots
- 4801' - 5053' 2 JSPF, 0.330 inch diameter, total 46 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4801' - 5053'	98,000# 16/30 Arizona Sand & Slickwater
5096' - 5470'	98,000# 16/30 Arizona Sand & Slickwater
5538' - 5864'	80,000# 16/30 Arizona Sand & Slickwater

28.

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 23 Sep 2000	Hours Tested 12	Choke Size 3/4"	Prod'n For Test Period	Oil - Bbl. TRACE	Gas - MCF 1700	Water - Bbl. TRACE
Flow Tubing Press.	Casing Pressure 225#	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

To Be Sold

Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Melissa VelascoPrinted
Name

Melissa Velasco

Title

Permitting Assistant

Date

09-28-200

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 2020	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 2212	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3280	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 5093	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5195	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5426	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 5880	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.....
 No. 2, from to feet.....
 No. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

COMPLETION SUBSEQUENT REPORT

Barnes LS 4B

9/28/00

08/22/00 RU run TDT Logs.

09/12/00 MIRUSU & Perf 1st stage - Point Lookout formation as follows w/2 JSPF, 0.330 inch diameter, total shots 50:

5538'	5576'	5630'	5716'	5807'
5543'	5590'	5652'	5750'	5819'
5556'	5596'	5658'	5768'	5828'
5559'	5605'	5680'	5785'	5846'
5570'	5613'	5694'	5800'	5864'

09/13/00 RU & Frac 1st Stage 5538' - 5864' pumped w/500 Gal of 15% HCL Acid, 98,000# of 16/30 Arizona Sand & Slickwater. RU & set CIBP.

RU & Perf 2nd Stage - Cliffhouse Formation @ the following intervals w/2 JSPF, 0.330 inch diameter, total shots 50:

5096'	5142'	5190'	5342'	5442'
5114'	5150'	5280'	5378'	5448'
5119'	5160'	5291'	5385'	5458'
5128'	5170'	5324'	5390'	5464'
5135'	5180'	5333'	5436'	5470'

RU & Frac 2nd Stage 5096' - 5470' pumped w/500 Gal of 15% HCL Acid, 98,000# of 16/30 Arizona Sand & Slickwater. RU & set CIBP.

RU & Perf 3rd Stage - Lewis Shale Formation @ the following intervals w/2 JSPF, 0.330 inch diameter, total shots 46:

4801'	4873'	4917'	4988'	5043'
4809'	4886'	4924'	4996'	5047'
4826'	4894'	4945'	5016'	5053'
4850'	4903'	4953'	5022'	
4859'	4908'	4967'	5036'	

RU & Frac 3rd Stage 4801' - 5053' pumped w/500 Gal of 15% HCL Acid, 80,000# of 16/30 Arizona Sand & Slickwater.

09/15/00 RU & ND Frac Valve & NU BOP. TIH PU Mill & TBG.

09/18/00 TIH & tag fill @ 4788'. C/O Sand fill to 4977'. TOH above liner & SDFN.

COMPLETION SUBSEQUENT REPORT

Barnes LS 4B

9/28/00

09/19/00 TIH & C/O fill to CIBP. Mill up CIBP. TIH & tag fill @ 5381'. C/O fill to 5507'. TOH above liner & RU to flow well. Flow well to pit full open.

09/20/00 Flow well full open. TIH & C/O to CIBP @ 5497'. Mill out CIBP @ 5497'. TIH & C/O to 5671'. TOH above liner. RU & flow well to pit.

09/21/00 Flow well w/ $\frac{3}{4}$ " choke to pit. TIH & C/O fill & soft CMT to hard PBD of 5971'. TOH above liner & RU to flow. Flow well to pit on $\frac{3}{4}$ " choke.

09/22/00 Flow well overnight w/watchman. TIH & tag 91' of fill. C/O to PBD & PU & Flow.

09/26/00 Flow well w/watchman. RU & land TBG @ 5623', ND BOP & NU WH. RU B/R & Pull TBG Plug.

RDMOSU. Rig Released @ 15:00 hrs.