

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
 Santa Fe, NM 87505

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO. 30-025-06016
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 14896
7. Lease Name or Unit Agreement Name Bertie Whitmire
8. Well No. 6
9. Pool name or Wildcat Monument Abo; SE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
 OIL WELL GAS WELL DRY OTHER _____

b. Type of Completion:
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR OTHER _____

2. Name of Operator
Arch Petroleum Inc.

3. Address of Operator
300 N. Marienfeld, Suite 600 Midland, Texas 79701

4. Well Location
 Unit Letter B : 990 Feet From The North Line and 2310 Feet From The East Line
 Section 8 Township 20S Range 37E NMPM Lea County

10. Date Spudded 06/08/99

11. Date T.D. Reached 06/14/99

12. Date Compl. (Ready to Prod.) 06/21/99

13. Elevations (DF & RKB, RT, GR, etc.) 3555' GR

14. Elev. Casinghead

15. Total Depth 7500

16. Plug Back T.D. 7418

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
7097-7023' Monument Abo

20. Was Directional Survey Made No

21. Type Electric and Other Logs Run GR, CNL

22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	469	17-1/2	475 sx	
9-5/8	36#	2900	12-1/4	1700 sx	
7	20 & 23	5712	8-3/4	428	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2	4959	7500	270	

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	7027	7027

26. Perforation record (interval, size, and number)
7097-7273' 1 SPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7097-7273'	2000 gals 15% NEFE

PRODUCTION

28. Date First Production 06/22/99

Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing

Well Status (Prod. or Shut-in) Producing

Date of Test 06/24/99

Hours Tested 24

Choke Size 22/64

Prod'n For Test Period

Oil - BbL. 189

Gas - MCF 466

Water - BbL. 20

Gas - Oil Ratio 2466

Flow Tubing Press. 175

Casing Pressure

Calculated 24-Hour Rate

Oil - BbL.

Gas - MCF

Water - BbL.

Oil Gravity - API - (Corr.) 36.4

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

Test Witnessed By

30. List Attachments
Logs, Inclination Survey

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 Robin S. McCarley Printed Name Robin S. McCarley Title Prod. Tech. Date 08/09/99

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 specific 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 state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

- T. Anhy _____
- T. Salt _____
- B. Salt _____
- T. Yates _____
- T. 7 Rivers _____
- T. Queen _____
- T. Grayburg _____
- T. San Andres _____
- T. Glorieta _____
- T. Paddock _____
- T. Blinbry _____
- T. Tubb _____ 6396.0
- T. Drinkard _____ 6537.0
- T. Abo _____ 6882.0
- T. Wolfcamp _____
- T. Penn _____
- T. Cisco (Bough C) _____
- T. Canyon _____
- T. Strawn _____
- T. Atoka _____
- T. Miss _____
- T. Devonian _____
- T. Silurian _____
- T. Montoya _____
- T. Simpson _____
- T. McKee _____
- T. Ellenburger _____
- T. Gr. Wash _____
- T. Delaware Sand _____
- T. Bone Springs _____
- T. _____
- T. _____
- T. _____
- T. _____

Northwestern New Mexico

- T. Ojo Alamo _____
- T. Kirtland-Fruitland _____
- T. Pictured Cliffs _____
- T. Cliff House _____
- T. Menefee _____
- T. Point Lookout _____
- T. Mancos _____
- T. Gallup _____
- Base Greenhorn _____
- T. Dakota _____
- T. Morrison _____
- T. Todilto _____
- T. Entrada _____
- T. Wingate _____
- T. Chinle _____
- T. Permian _____
- T. Penn. "A" _____
- T. Penn. "B" _____
- T. Penn. "C" _____
- T. Penn. "D" _____
- T. Leadville _____
- T. Madison _____
- T. Elbert _____
- T. McCracken _____
- T. Ignacio Otzte _____
- T. Granite _____
- T. _____
- T. _____
- T. _____
- T. _____
- T. _____
- T. _____
- T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 6396 to 6537
 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
5721.0	6396.0		Dolomite				
6396.0	6537.0		Sand, Dolomite				
6537.0	6882.0		Dolomite				
6882.0	7500.0		Shale, Dolomite, & Lime				