

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.
30-025-35090

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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
P. O. Box 10340, Midland, TX 79702-7340

7. Lease Name or Unit Agreement Name

Henson

8. Well No.
1

9. Pool name or Wildcat
Wantz Abo

4. Well Location
SUR Unit Letter G : 2097 Feet From The North Line and 1750 Feet From The East Line
BHL G 2090 N 9 1716 E
Section 5 Township 22 Range 37 NMPM Lea County

| | | | | |
|------------------------------|-----------------------------------|--|--|------------------------------|
| 10. Date Spudded 11/23/00 | 11. Date T.D. Reached 12/10/00 | 12. Date Compl. (Ready to Prod.) 01/07/01 | 13. Elevations (DF & RKB, RT, GR, etc.) 3436 GR | 14. Elev. Casinghead 3437 |
|------------------------------|-----------------------------------|--|--|------------------------------|

| | | | |
|-------------------------|-----------------------------------|--|--|
| 15. Total Depth 7838 | 16. Plug Back T.D. CIBP @ 7275 | 17. If Multiple Compl. How Many Zones? | 18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools |
|-------------------------|-----------------------------------|--|--|

19. Producing Interval(s), of this completion - Top, Bottom, Name
Abo 6758'-7088" (OA)

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
DIFL, CN/ZDL/ML, DAL, CBL

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 | 536 | 17-1/2 | 610 sks - circ 115 sks | |
| 8-5/8 | 32 | 3520 | 11 | 975 sks - circ 98 sks | |
| 5-1/2 | 15.5 & 17 | 7838 | 7-7/8 | 1150 sks - TOC @ 640' | |
| | | | | | |
| | | | | | |

| 24. LINER RECORD | | | | 25. TUBING RECORD | | |
|------------------|-----|--------|--------------|-------------------|-------|-----------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET |
| | | | | | 2-7/8 | 7096 |
| | | | | | | |

| | | |
|--|---|--|
| 26. Perforation record (interval, size, and number) 7315-18, 7324-26, 7341-43 (2 spf) 6758-64, 6770-74, 6784-90, 7052-54, 7058-60, 7086-88 (2 spf) | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
| | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| | 7315-43 (OA) | Acadz w/ 500 gals 15% acid |
| | 6758-7088 | Reacadz w/ 2000 gals 20% HCL acid Acadz w/ 2500 gals 20% HCL acid |

28. PRODUCTION

| | | | | | | | |
|-----------------------------------|------------------------|--|------------------------|-------------------|---------------------|---|---------------------------|
| Date First Production 01/07/01 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing | | | | Well Status (Prod. or Shut-in) Producing | |
| Date of Test 01/08/01 | Hours Tested 24 | Choke Size 24/64 | Prod'n For Test Period | Oil - BbL. 320 | Gas - MCF 385 | Water - BbL. 113 | Gas - Oil Ratio 1203:1 |
| Flow Tubing Press. 385 | Casing Pressure 650 | Calculated 24-Hour Rate | Oil - BbL. 320 | Gas - MCF 385 | Water - BbL. 113 | Oil Gravity - API - (Corr.) 42.2 | |

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

Test Witnessed By
Marcus Roberson

30. List Attachments
C-104, C-102, Directional Survey, Logs

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 Cathy Tomberlin Printed Name Cathy Tomberlin Title Operation Tech Date 01/16/01

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

Northwestern New Mexico

| | | | |
|--------------------------|-------------------------|-----------------------------|------------------------|
| T. Anhy _____ | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt _____ | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates _____ | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen _____ 3350.0 | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ | T. Simpson _____ 7789.0 | T. Gallup _____ | T. Ignacio Otzte _____ |
| T. Glorieta _____ 5090.0 | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ 6055.0 | T. Delaware Sand _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Bone Springs _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ 6758.0 | 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 |
|------|----|----------------------|-----------|
| | | | |