

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Departme

Form C-104
Revised February 10, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Instruction on back
Submit to Appropriate District Office
5 Copies

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address ARCH PETROLEUM INC. 10 DESTA DRIVE, STE. 420E, MIDLAND TX 79705		² OGRID Number 000962
⁴ API Number 30 - 025-12147	⁵ Pool Name PADDOCK SOUTH	³ Reason for Filing Code CO - EFFECTIVE 2-1-96
⁷ Property Code 014901	⁸ Property Name HIGGINS	⁶ Pool Code 49400 ⁹ Well Number 2

II. ¹⁰ Surface Location

UI or Lot. No. I	Section 29	Township 22S	Range 38E	Lot Idn.	Feet from the 1980	North/South Line SOUTH	Feet from the 330	East/West Line EAST	County LEA
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¹¹ Bottom Hole Location

UI or Lot. No.	Section	Township	Range	Lot Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code P	¹³ Producing Code P	Method	¹⁴ Gas Date	Connection	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 015694	¹⁹ Transporter Name and Address NAVAJO REFINING CO. PL DIVISION DR. 159, ARTESIA, NM 88210	²⁰ POD 721210	²¹ O/G O	²² POD ULSTR Location and Description
			G	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length 24 HRS.	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Bobbie Brooks*

Printed Name:
BOBBIE BROOKS

Title:
PRODUCTION ANALYST

Date:
JANUARY 24, 1996

Phone:
915-685-1961

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY
GARY WINK
FIELD REP. II

Title:

Approved Date:

JAN 29 1996

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED
"AMENDED REPORT" AT THE TOP OF THIS DOCUMENT

- Report all gas volumes at 15.025 PSIA at 60°.
Report all oil volumes to the nearest whole barrel.
- A request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests conducted in accordance with Rule 111.
- All sections of this form must be filled out for allowable requests on new and recompleted wells.
- Fill out only sections I, II, III, IV, and the operator certifications for changes of operator, property name, well number, transporter, or other such changes.
- A separate C-104 must be filled for each pool in a multiple completion.
- Improperly filled out or incomplete forms may be returned to operators unapproved.
- Operator's name and address
- Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- Reason for filling code from the following table:
- | | |
|----|---|
| NW | New Well |
| RC | Recompletion |
| CH | Change of Operator |
| AO | Add oil/condensate transporter |
| CO | Change oil/condensate transporter |
| AG | Add gas transporter |
| CG | Change gas transporter |
| RT | Request for test allowable (include volume requested) |
- If for any other reason write that reason in this box.
4. The API number of this well
5. The name of the pool for this completion
6. The pool code for this pool
7. The property code for this completion
8. The property name (well name) for this completion
9. The well number for this completion
10. The surface location of this completion NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or lot no." box. Otherwise use the OCD unit letter.
11. The bottom hole location of this completion
12. Lease code from the following table:
- | | |
|---|--------------------|
| F | Federal |
| S | State |
| P | Fee |
| J | Jicarilla |
| N | Navajo |
| U | Ute Mountain Ute |
| I | Other Indian Tribe |
13. The producing method code from the following table:
- | | |
|---|----------------------------------|
| F | Flowing |
| P | Pumping or other artificial lift |
14. MO/D&A/R that this completion was first connected to a gas transporter
15. The permit number from the District approved C-129 for this completion
16. MO/D&A/R of the C-129 approval for this completion
17. MO/D&A/R of the expiration of C-129 approval for this completion
18. The gas or oil transporter's OGRID number
19. Name and address of the transporter of the product
20. The number assigned to the POD from which this product will be transported by this transporter. If this is a new well office will assign a number and write it here.
21. Product code from the following table:
- | | |
|---|-----|
| G | Gas |
| O | Oil |

22. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A", "Jones CPD", etc.)
23. The POD number of the storage from which water is moved from this property. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.
24. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A Water Tank", "Jones CPD Water Tank", etc.)
25. MO/D&A/R drilling commenced
26. MO/D&A/R this completion was ready to produce
27. Total vertical depth of the well
28. Plugback vertical depth
29. Top and bottom perforation in this completion or casing shoe and TD if openhole
30. Inside diameter of the well bore
31. Outside diameter of the casing and tubing
32. Depth of casing and tubing. If a casing liner show top and bottom.
33. Number of sacks of cement used per casing string
- The following test data is for an oil well it must be from a test conducted only after the total volume of load oil is recovered.
34. MO/D&A/R that new oil was first produced
35. MO/D&A/R that gas was first produced into a pipeline
36. MO/D&A/R that the following test was completed
37. Length in hours of the test
38. Flowing tubing pressure - oil wells
39. Shut-in tubing pressure - gas wells
40. Flowing casing pressure - oil wells
41. Shut-in casing pressure - gas wells
42. Diameter of the choke used in the test
43. Barrels of oil produced during the test
44. Barrels of water produced during the test
45. MCF of gas produced during the test
46. Gas well calculated absolute open flow in MCF/D
47. The method used to test the well:
- | | |
|---|----------|
| F | Flowing |
| P | Pumping |
| S | Swabbing |
- If other method please write it in.
48. The signature, printed name, and title of the person authorized to make this report, the date this report was signed, and the telephone number to call for questions about this report
49. The previous operator's name, the signature, printed name, and title of the previous operator's representative authorized to verify that the previous operator no longer operates this completion, and the date this report was signed by that person