

District I - (505) 393-6161

P. O. Box 1980
Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First
Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Revised 06/99

Submit Original
Plus 2 Copies
to appropriate
District Office

RECEIVED
NOV 30 1999

OIL CON. DIV.
DIST. 3

**APPLICATION FOR
WELL WORKOVER PROJECT**

I. Operator and Well

| | | | | | | | | |
|---|----------------------|-------------------------|----------------------|------------------------------|--------------------------------|-----------------------------------|------------------------------|---------------------------|
| Operator name and address Burlington Resources Oil and Gas P.O. Box 4289 Farmington, NM 87499 | | | | | | OGRID Number 014538 | | |
| Contact Party Peggy Cole | | | | | | Phone (505) 326-9700 | | |
| Property Name HARDIE D | | | | Well Number 2 | | API Number 300450742400 | | |
| UL K | Section 14 | Township 028N | Range 008W | Feet From The 1650 | North/South Line FSL | Feet From The 1650 | East/West Line FWL | County SAN JUAN |

II. Workover

| | |
|---|---|
| Date Workover Commenced 4/17/99 | Previous Producing Pool(s) (Prior to Workover) BLANCO MESAVERDE |
| Date Workover Completed 4/22/99 | |

III. Attach a description of the Workover Procedures performed to increase production

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT

State of New Mexico)
) ss.
County of San Juan)

Peggy Cole, being first duly sworn, upon oath states:

1. I am the operator, or authorized representative of the Operator, of the above-reference Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Peggy Cole Title Reg. Administrator Date 11-18-99

SUBSCRIBED AND SWORN TO before me this 18 day of Nov., 1999

My Commission expires: 6/11/03 Mae Benallyn
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-reference well is designated a Well Workover Project and the Division hereby verifies the data shows positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 4/22/99

| | | |
|--|---------------------------------|--------------------------------|
| Signature District Supervisor <u>SS. S</u> | OCD District <u>3</u> | Date <u>12/28/99</u> |
|--|---------------------------------|--------------------------------|

VII. OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT

Sundry Notices and Reports on Wells

59 APR 26 PM 3:02

1. Type of Well
GAS

070 FARMINGTON, NM

5. Lease Number
SF-078390A
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

2. Name of Operator

FARMINGTON
SOURCES

OIL & GAS COMPANY

Address & Phone No. of Operator

P O Box 4289, Farmington, NM 87499 (505) 326-9700

Location of Well, Footage, Sec., T, R, M

1650' FSL, 1650' FWL, Sec. 14, T-28-N, R-8-W, NMPM

8. Well Name & Number
Hardie D #2
9. API Well No.
30-045-07424
10. Field and Pool
Blanco Mesaverde
11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

| | | |
|---|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input checked="" type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Other - Pay add | |

13. Describe Proposed or Completed Operations

4-17-99 MIRU. TIH, tag up @ 5251'. TOOH w/165 jts 2 3/8" tbg. TIH w/CIBP, set @ 5092'. TOOH. TIH w/4 1/2" FB pkr, set @ 5050'. PT CIBP, failed. Reset pkr @ 5060' & 5070'. PT CIBP @ both pkr settings, failed. TOOH w/pkr. TIH, ran CBL-CCL-GR @ 4700-5080'. TOOH. TIH w/CIBP, set @ 5080'. TIH w/4 1/2" pkr, set @ 5070'. PT CIBP to 3600 psi, OK. Pump 250 gal 15% HCl across Menefee interval. Reran CBL-CCL-GR @ 4110-5080', good bond across logged interval. SD for Sunday.

4-19-99 TIH, perf Menefee w/1 SPF @ 4737, 4745, 4747, 4760, 4766, 4777, 4782, 4793, 4794, 4802, 4818, 4820, 4914, 4916, 4920, 4922, 4972, 4974, 4977, 5012, 5014, 5028, 5030, 5038, 5040' w/25 0.29" diameter holes total. Frac Menefee w/918 bbl 30# linear gel, 58,500# 20/40 Arizona sd. SI for gel break. CO after frac.

4-20-99 Release pkrs, TOOH. TIH w/3 7/8" mill to 5027'. Blow well & CO to CIBP @ 5080'. Mill out CIBP @ 5080'. Blow well & CO to CIBP @ 5092'.

4-21-99 Mill CIBP @ 5092'. Blow well & CO to PBTD.

4-22-99 Blow well & CO. TOOH. TIH w/165 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 5215'. ND BOP. NU WH. RD. Rig released.

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title Regulatory Administrator Date 4/23/99

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any statement or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

APR 30 1999

OPERATOR

FARMINGTON FIELD OFFICE
BY [Signature]

OIL CONSERVATION DIVISION

| COMP | NAME | TOW | ID | USER | XREF | DISP | MO | GRS | GAS |
|--------|------|---------|--------|------|------|----------|----|----------|-----|
| HARDIE | D 2 | 5059001 | 50590A | | | 11/30/98 | | 2428.86 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 12/31/98 | | 2417.63 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 1/31/99 | | 1953.92 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 2/28/99 | | 1868.97 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 3/31/99 | | 2005.88 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 4/30/99 | | 2196.51 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 5/31/99 | | 3971.027 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 6/30/99 | | 8735.49 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 7/31/99 | | 6875.8 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 8/31/99 | | 5672.17 | |
| HARDIE | D 2 | 5059001 | 50590A | | | 9/30/99 | | 5415 | |

| MAST | DI | NO | PROD | DISP | Volume |
|------|--------|--------|------|---------|--------|
| 11 | 50590A | 199711 | 00 | 1508.77 | |
| 11 | 50590A | 199712 | 00 | 1431.33 | |
| 11 | 50590A | 199801 | 00 | 1774.45 | |
| 11 | 50590A | 199802 | 00 | 695.075 | |
| 11 | 50590A | 199803 | 00 | 1941.11 | |
| 11 | 50590A | 199804 | 00 | 1516.62 | |
| 11 | 50590A | 199805 | 00 | 1415.64 | |
| 11 | 50590A | 199806 | 00 | 1249.96 | |
| 11 | 50590A | 199807 | 00 | 1422.50 | |
| 11 | 50590A | 199808 | 00 | 1921.51 | |
| 11 | 50590A | 199809 | 00 | 2292.08 | |
| 11 | 50590A | 199810 | 00 | 3394.99 | |