

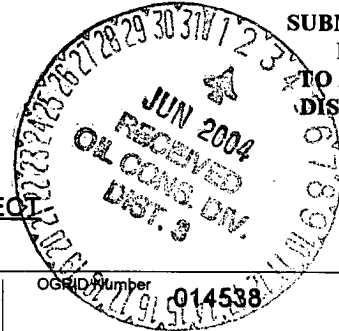
New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

**APPLICATION FOR
WELL WORKOVER PROJECT**



**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

I. Operator and Well

| | | | | | | | |
|--|----------------------|-------------------------|---------------------|---------------------------------|---------------------------------|---------------------------------|--|
| Operator name address Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499 | | | | | OGRID Number 014538 | | |
| Contact Party Leslie D. White | | | | | Phone 505/326-9700 | | |
| Property Name HANCOCK B | | | | Well Number 5 | | API Number 3004513065 | |
| UL M | Section 31 | Township 28 N | Range 9 W | Feet From The 830 FSL | Feet From The 950 FWL | County SAN JUAN | |

II. Workover

| | | |
|---|--|--|
| Date Workover Commence 10/21/2003 | | Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA |
| Date Workover Completed: 10/29/2003 | | |

- 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 <u>New Mexico</u>) | | |
| County of <u>San Juan</u>) ss. | | |
| <u>Leslie D. White</u> , being first duly sworn, upon oath states: | | |
| 1. I am the Operator, or authorized representative of the Operator, of the above-referenced 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 <u>Leslie D. White</u> | | Title <u>Sr. Accountant</u> Date <u>6-1-04</u> |
| SUBSCRIBED AND SWORN TO before me this <u>1st</u> day of <u>June</u> , <u>2004</u> . | | |
| My Commission expires: | | Notary Public |
| <u>September 15, 2004</u> | | <u>Nancy Oltsmanns</u> |

FOR OIL CONSERVATION DIVISION USE ONLY:

IV. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a 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 10/29, 03.

| | | |
|-------------------------------|-------------------------------|------|
| Signature District Supervisor | SUPERVISOR DISTRICT #3 | Date |
|-------------------------------|-------------------------------|------|

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

HANCOCK B 5

3004513065

71599

82329

REG_DTL_DT GAS_PROD GAS_PROD

| | | |
|-----------|------|------|
| 01-Oct-02 | 1986 | |
| 01-Nov-02 | 1984 | |
| 01-Dec-02 | 1553 | |
| 01-Jan-03 | 1439 | |
| 01-Feb-03 | 2049 | |
| 01-Mar-03 | 3021 | |
| 01-Apr-03 | 2705 | |
| 01-May-03 | 2345 | |
| 01-Jun-03 | 1523 | |
| 01-Jul-03 | 729 | |
| 01-Aug-03 | 898 | |
| 01-Sep-03 | 410 | |
| 01-Oct-03 | 255 | |
| 01-Nov-03 | 1746 | 1747 |
| 01-Dec-03 | 3781 | 3781 |
| 01-Jan-04 | 3060 | 3060 |

Operations Summary Report

Legal Well Name: HANCOCK B #5
 Common Well Name: HANCOCK B #5
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 04/30/1962
 Start: 10/21/2003 End: 10/29/2003
 Rig Release: 10/29/2003 Group:
 Rig Number: 449

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|------------|---------------|-------|------|----------|--------|---|
| 10/22/2003 | 10:00 - 13:30 | 3.50 | MIMO | a | MIRU | ROAD RIG FROM REID COM # 706 TO HANCOCK B #5 , WATER TRUCK GOT HUNG UP ON HILL ON WAY TO LOC IN FRONT OF RIG |
| | 13:30 - 14:30 | 1.00 | RURD | a | MIRU | SPOT IN RIG RAMP , PUT RIG ON RAMP , STAND UP DERRICK . |
| | 14:30 - 16:00 | 1.50 | RURD | a | MIRU | SPOT IN & RU REST OF EQUIP , LAY FLOWLINES . CSG HAD 130 PSI , TBG HAD 80 PSI , BH WAS DEAD . |
| | 16:00 - 18:00 | 2.00 | NUND | a | MIRU | CHANGE OUT 3 LOCKDOWN PINS & CSG VALVES , ND TREE , NU BOP . SDFD . |
| 10/23/2003 | 06:00 - 07:00 | 1.00 | SAFE | a | OBJECT | TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON WEARING PPE , RIG CREW , AIR HANDS , CONSULTANT WERE PRESENT . |
| | 07:00 - 11:00 | 4.00 | TRIP | a | OBJECT | TOOH W/ TBG , TALLY SAME . |
| | 11:00 - 13:00 | 2.00 | TRIP | a | OBJECT | TIH W/ 4 1/2" RBP & SET @ 4520'. |
| | 13:00 - 13:30 | 0.50 | PUMP | a | OBJECT | LOAD HOLE & CIRCULATE HOLE CLEAN . |
| | 13:30 - 15:30 | 2.00 | TRIP | a | OBJECT | TOOH W/ RETRIEVING HEAD . |
| | 15:30 - 17:00 | 1.50 | CASE | a | OBJECT | RU WIRELINE , RIH W/ GR/CCL/CBL , LOG FROM 4500' TO 2000' , POOH , RD WL . |
| | 17:00 - 19:00 | 2.00 | TRIP | a | OBJECT | TIH W/ RH , LATCH & UNSET RBP . |
| | 19:00 - 19:30 | 0.50 | SHDN | a | OBJECT | SHUT & LOCK PIPE RAMS , MU & SHUT TIW , PU TOOLS & LOC , DRAIN UP EQUIP , SDFD . |
| 10/24/2003 | 06:00 - 07:00 | 1.00 | SAFE | a | OBJECT | NOTE : SENT LOGS TO OFFICE . TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON TESTING CSG , RIG CREW , AIR HAND , PKR HAND , WIRELINE HANDS , CONSULTANT WERE PRESENT . |
| | 07:00 - 09:00 | 2.00 | TRIP | a | OBJECT | TOOH W/ RBP . |
| | 09:00 - 09:30 | 0.50 | CASE | a | OBJECT | RU WIRELINE , RIH & SET 4 1/2" CIBP @ 3640'. |
| | 09:30 - 11:00 | 1.50 | TRIP | a | OBJECT | TIH W/ 4 1/2" PKR . |
| | 11:00 - 13:00 | 2.00 | PRES | a | OBJECT | SET PKR @ 2859' , TRY TO TEST CSG , NO TEST , SET PKR @ 3600' , TEST CSG & CIBP TO 3000 PSI , TESTED GOOD , SET PKR @ 2889' , TEST CSG , NO TEST , SET PKR @ 2919' , TEST CSG , NO TEST , INJ RATE OF .5 BPM @ 1500 PSI , ISIP OF 500 PSI , SET PKR @ 2500' , TEST ANNULUS TO 500 PSI , TESTED GOOD . |
| | 13:00 - 14:00 | 1.00 | TRIP | a | OBJECT | TOOH W/ PKR . |
| | 14:00 - 14:30 | 0.50 | PERF | a | OBJECT | RIH W/ 3 1/8" HSC CSG GUN LOADED W/ OWEN 302 10 GM CHARGES , PERF CHACRA FOM 3588' TO 3038' , W/ 1 SPF , FOR A TOTAL OF 25 HOLES , POOH , RD WIRELINE . |
| | 14:30 - 16:30 | 2.00 | TRIP | a | OBJECT | RIH W/ 4 1/2" TENSION PKR & 2 7/8" FRAC STRING , SET PKR @ 2950' , MU FRAC MANDREL , FRAC VALVE & FRAC - Y . PUT 500 PSI ON ANNULUS . |
| | 16:30 - 17:45 | 1.25 | RURD | a | OBJECT | SPOT IN FRAC EQUIP & PUMPLINE , HOLD SAFETY MEETING ON FRACING , FRAC CREW , RIG CREW , PKR HAND , FRAC CONSULTANT , CONSULTANT WERE PRESENT , PRESS TEST LINES TO 7500 PSI , TESTED GOOD . |
| | 17:45 - 19:00 | 1.25 | FRAC | a | OBJECT | FOAM FRAC CHACRA W/ 20# LINEAR GEL 75% N2 FOAM , FORMATION BREAKDOWN @1537 PSI @ 4 BPM , EST INJ RATE OF 8 BPM @ 1778 PSI , ISIP 480 PSI , BULLHEAD 750 GALS OF 15% HCL IN FRONT OF FRAC , FRAC LOAD 603 BBLS , 6 BBLS OF FLUSH , TOTAL LOAD OF 609 BBLS , TOTAL N2 1,139,500 SCF , MAX PSI 6020 , MIN 3377 , AVG PSI 5037 , MAX RATE 45 BPM , MIN 35 , AVG RATE 43 BPM , 200,000# 20/40 ARIZONA SAND , ISIP 1240 PSI . |
| | 19:00 - 20:00 | 1.00 | RURD | a | OBJECT | RD FRAC LINE , RU FLOWLINE & PRESS TEST LINE W/ WELL |

Operations Summary Report

Legal Well Name: HANCOCK B #5
 Common Well Name: HANCOCK B #5
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 10/21/2003
 Rig Release: 10/29/2003
 Rig Number: 449

Spud Date: 04/30/1962
 End: 10/29/2003
 Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|------------|---|--|--|---|---|---|
| 10/24/2003 | 19:00 - 20:00 20:00 - 06:00 | 1.00 10.00 | RURD FLOW | a a | OBJECT CLEAN | PRESS, TESTED GOOD. FLOW FRAC BACK THRU CHOKE MANIFOLD. 16/64" CHOKE, MAKING HEAVY MIST, LIGHT SAND @ 1100 PSI. 21:00 10/64" CHOKE, MAKING HEAVY MIST, LIGHT SAND @ 1100 PSI. 23:00, 12/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 1050 PSI. 01:00, 14/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 1050 PSI 03:00, 16/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 1000 PSI 05:00, 18/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 1000 PSI 06:00, 20/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 950 PSI. FLOW FRAC BACK THRU CHOKE MANIFOLD ON 20/64" CHOKE MAKING HEAVY MIST, LIGHT SAND @ 700 PSI 09:00, 22/64" CHOKE, MAKING HEAVY MIST, LIGHT SAND @ 500 PSI. 12:00, 24/64" CHOKE, MAKING HEAVY MIST, LIGHT SAND @ 325 PSI. 15:00, 32/64" CHOKE, MAKING HEAVY TO MODERATE MIST, LIGHT SAND @ 325 PSI. 18:00, 48/64" CHOKE, MAKING MODERATE MIST, LIGHT SAND @ 130 psi. 22:00, FULL 2", MAKING LIGHT MIST, NO SAND @ 50 PSI. TRAV TO LOC, START RIG, HOLD SAFETY MEETING ON LAYING DOWN TBG, RIG CREW, AIR HAND, CONSULTANT WERE PRESENT. |
| 10/25/2003 | 06:00 - 06:00 | 24.00 | FLOW | a | CLEAN | KILL WELL W/ 20 BBLs OF 2%, ND FRAC VALVE & FRAC MANDERL, UNSET PKR, POOH W/ FRAC STRING & PKR. TIH W/ 3 7/8" JUNK MILL, TAG UP @ 3540', CIBP & 3640', HAD 100' OF FILL. CO TO TOP OF CIBP W/ AIR MIST. BLOW W/ AIR MIST, MAKING 8 TO 12 BPH OF H2O, 1 TO 3 CUPS OF SAND. |
| 10/26/2003 | 06:00 - 07:00 07:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 06:00 | 1.00 2.00 1.00 1.00 19.00 | SAFE TRIP TRIP COUT BLOW | a a a a a | OBJECT OBJECT OBJECT CLEAN CLEAN | FLOW WELL NATURAL, MAKING 8 BPH OF H2O, 1 TO 2 CUPS OF SAND. BLOW W/ 1 TO 1 AIR MIST, MAKING 8 TO 10 BPH OF H2O, 1 TO 2 CUPS OF SAND. FLOW WELL NATURAL, MAKING 6 TO 8 BPH OF H2O, 1 TO 2 CUPS OF SAND. BLOW W/ 1 TO 1 AIR MIST, MAKING 6 TO 10 BPH OF H2O, 1 TO 2 CUPS OF SAND. FLOW WELL NATURAL, MAKING 6 TO 8 BPH OF H2O, 1 TO 2 CUPS OF SAND. BLOW W/ 1 TO 1 AIR MIST, MAKING 6 TO 8 BPH OF H2O, 1 TO 2 CUPS OF SAND. FLOW WELL NATURAL, MAKING 6 TO 8 BPH OF H2O, 1 CUP OF SAND. BLOW W/ 1 TO 1 AIR MIST, MAKING 6 TO 8 BPH OF H2O, 1 CUP OF SAND. FLOW WELL NATURAL, MAKING 6 TO 8 BPH OF H2O, 1 CUP OF SAND. TRAV TO LOC, START RIG, HOLD SAFETY MEETING ON STAYING |
| 10/27/2003 | 06:00 - 08:00 08:00 - 10:00 10:00 - 14:00 14:00 - 16:00 16:00 - 20:00 20:00 - 22:00 22:00 - 02:00 02:00 - 04:00 04:00 - 06:00 | 2.00 2.00 4.00 2.00 4.00 2.00 4.00 2.00 2.00 | FLOW BLOW FLOW BLOW FLOW BLOW FLOW BLOW FLOW | a a a a a a a a a | CLEAN CLEAN CLEAN CLEAN CLEAN CLEAN CLEAN CLEAN CLEAN | |
| 10/28/2003 | 06:00 - 07:00 | 1.00 | SAFE | a | OBJECT | |

BURLINGTON RESOURCES O&G CO

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Operations Summary Report

Legal Well Name: HANCOCK B #5
 Common Well Name: HANCOCK B #5
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 10/21/2003
 Rig Release: 10/29/2003
 Spud Date: 04/30/1962
 End: 10/29/2003
 Group:
 Rig Number: 449

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|------------|---------------|-------|------|----------|--------|--|
| 10/28/2003 | 06:00 - 07:00 | 1.00 | SAFE | a | OBJECT | AWAY FROM AIR LINES WHILE CO , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT . |
| | 07:00 - 07:15 | 0.25 | TRIP | a | OBJECT | SHORT TIH , TAG UP @ 3600' , CIBP @ 3640' , HAD 40' OF FILL . |
| | 07:15 - 11:00 | 3.75 | BLOW | a | CLEAN | CO TO TOP OF CIBP W/ AIR MIST , MAKING 3 BPH OF H2O , 1/2 TO 3 CUPS OF SAND . |
| | 11:00 - 14:00 | 3.00 | FLOW | a | CLEAN | PULL UP FLOW WELL NATURAL , MAKING 4 TO 6 BPH OF H2O , 1 TO 2 CUPS OF SAND . |
| | 14:00 - 15:00 | 1.00 | BLOW | a | CLEAN | CHECK FILL , TAG UP @ 3630' , HAD 10' OF FILL , CO W/ 1 TO 1 AIR MIST , MAKING 3 TO 4 BPH OF H2O , 1/2 CUP OF SAND . |
| | 15:00 - 18:00 | 3.00 | FLOW | a | CLEAN | FLOW WELL NATURAL , MAKING 4 TO 6 BPH OF H2O , 1/2 TO 2 CUPS OF SAND . |
| | 18:00 - 19:00 | 1.00 | BLOW | a | CLEAN | BLOW W/ 1 TO 1 AIR MIST , MAKING 3 TO 4 BPH OF H2O , 1/2 CUP OF SAND . |
| | 19:00 - 01:00 | 6.00 | FLOW | a | CLEAN | FLOW WELL NATURAL , MAKING 4 TO 6 BPH OF H2O , 1/2 TO 1 CUP OF SAND . |
| | 01:00 - 02:00 | 1.00 | BLOW | a | CLEAN | BLOW W/ 1 TO 1 AIR MIST , MAKING 3 TO 4 BPH OF H2O , 1/2 CUP OF SAND . |
| | 02:00 - 06:00 | 4.00 | FLOW | a | CLEAN | FLOW WELL NATURAL , MAKING 4 TO 6 BPH OF H2O , 1/2 TO 1 CUP OF SAND , HAVE 25' FLAME . |
| 10/29/2003 | 06:00 - 07:00 | 1.00 | SAFE | a | OBJECT | TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON PINCH POINTS , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT . |
| | 07:00 - 07:15 | 0.25 | TRIP | a | OBJECT | SHORT TIH , TAG UP @ 3638' , CIBP @ 3640' , HAD 2' OF FILL . |
| | 07:15 - 08:00 | 0.75 | MILL | a | CLEAN | CO TO TOP OF CIBP W/ AIR MIST EST 14 BPH MIST RATE , MILL OUT CIBP . |
| | 08:00 - 09:00 | 1.00 | TRIP | a | OBJECT | TIH W/ MILL , CHASE JUNK TO PBTD @ 6954' . |
| | 09:00 - 11:00 | 2.00 | TRIP | a | OBJECT | TOOH W/ MILL . |
| | 11:00 - 13:00 | 2.00 | TRIP | a | OBJECT | TIH W/ EXC , TAG UP @ 6944' , HAD 10' OF FILL . |
| | 13:00 - 15:00 | 2.00 | BLOW | a | CLEAN | CO TO PBTD W/ 1 TO 1 AIR MIST , MAKING 3 BPH OF H2O , 1/2 TO 1/4 CUP OF SAND . |
| | 15:00 - 18:00 | 3.00 | FLOW | a | CLEAN | FLOW WELL NATURAL , MAKING 5 TO 6 BPH OF H2O , 1/2 TO 1/4 CUP OF SAND . |
| | 18:00 - 19:00 | 1.00 | BLOW | a | CLEAN | BLOW W/ 1 TO 1 AIR MIST , MAKING 3 BPH OF H2O , 1/8 TO 1/4 CUP OF SAND . |
| | 19:00 - 00:00 | 5.00 | FLOW | a | CLEAN | FLOW WELL NATURAL , MAKING 5 TO 6 BPH OF H2O , 1/8 TO 1/4 CUP OF SAND . |
| 10/30/2003 | 00:00 - 01:00 | 1.00 | BLOW | a | CLEAN | BLOW W/ 1 TO 1 AIR MIST , MAKING 3 BPH OF H2O , 1/8 TO 1/4 CUP OF SAND . |
| | 01:00 - 06:00 | 5.00 | FLOW | a | CLEAN | FLOW WELL NATURAL , MAKING 3 TO 5 BPH OF H2O , 2 TABLESPOONS TO 1/8 CUP OF SAND . |
| | 06:00 - 07:00 | 1.00 | SAFE | a | OBJECT | TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON RD RIG & EQUIP , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT . |
| | 07:00 - 07:15 | 0.25 | TRIP | a | OBJECT | SHORT TIH , TAG UP @ 6950' , HAD 4' OF FILL . |
| | 07:15 - 08:00 | 0.75 | BLOW | a | CLEAN | CO TO PBTD W/ AIR MIST , MAKING 2 BPH OF H2O , TRACE OF SAND . |
| | 08:00 - 08:30 | 0.50 | BRCH | a | OBJECT | BROACH TBG TO SEAT NIPPLE . |
| | 08:30 - 09:00 | 0.50 | NUND | a | OBJECT | LAND TBG @ 6921.61' W/ 224 JTS OF 2.375" , 4.7# , J-55 , EUE , 8 RD TBG W/ 1.78" ID SEAT NIPPLE SET @ 6890.59' , W/ KB INCLUDED , ND BOP , NU TREE . |
| | 09:00 - 10:00 | 1.00 | PRES | a | OBJECT | PRESS TEST TBG TO 500 PSI , TESTED GOOD , PUMP OFF EXC @ 800 PSI , REV UP TBG . |
| | 10:00 - 11:00 | 1.00 | RURD | a | RDMO | RD RIG & EQUIP , MOL TO ZACHRY # 29 . |
| | | | | | | NOTE TRY TO TAKE PITOT , TSTM . SUMMARY , MOL , RU RIG & EQUIP , TOOH W/ TBG , TIH W/ RBP , |

Operations Summary Report

Legal Well Name: HANCOCK B #5
Common Well Name: HANCOCK B #5
Event Name: CAP WORKOVER
Contractor Name: AZTEC WELL SERVICE
Rig Name: AZTEC

Start: 10/21/2003
Rig Release: 10/29/2003
Rig Number: 449

Spud Date: 04/30/1962
End: 10/29/2003
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|------------|---------------|-------|------|----------|-------|---|
| 10/30/2003 | 10:00 - 11:00 | 1.00 | RURD | a | RDMO | LOG CHACRA , TIH W/ PKR TEST CSG , TOO H W/ PKR , TOO H W/ RBP , RIH SET CIBP , RIH PERF CHACRA , RIH W/ FRAC STRING & PKR , FOAM FRAC CHACRA , FLOW FRAC BACK , POOH W/ FS & PKR , TIH W/ MILL , CO CHACRA , MO CIBP , CO TO PBTD , TOO H , TIH W/ EXC , BROACH & LAND TBG , ND BOP , NU TREE , PUMP OFF EXC , REV UP TBG , RD RIG & EQUIP , MOL . NOTE SENT 2 7/8" FRAC STRING BACK TO TUBOSCOPE ON M&R TRUCKING . |