DISTRICT I

P.O. Box 1980, hobbs, NM 88240

State of New Mexico

Form C-107-A New 3-12-96

DISTRICT II

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

APPROVAL PROCESS: ___X Administrative ____ Hearing

811 South First St., Artesia, NM 88210 DISTRICT III

20/0 South Pacheco Santa Fe New Mexico 87505-6429

1000 Rio Brazos Rd., Aztec, NM 87410

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE YES

| CAULKINS OIL COMPANY | - | P.O. BOX 340, BLOOMFIELD, NM 87413 | | | |
|--|---|---|---|--|--|
| BREECH | 377 | M - SEC. 23-26N-7W | RIO ARRIBA | | |
| LEASE | WELL NO. | | Spacing Unit Lease types: (check 1 or More) | | |
| OGRID NO. 003824 Prope | erty Code <u>2454</u> API NO. <u>30-039</u> | 9-25690 Federal <u>X</u> | , State, (and/or) Fee | | |
| The following facts are submitted in support of downhole commingling: | Upper Zone | Intermediate Zone | Lower Zone | | |
| 1. Pool Name and Pool Code | Pictured Cliffs Commingle Order R-5648 | Mesa Verde Commingle Order Gallup DHC-2031 | Dakota Commingle Order DHC-2031 | | |
| 2. Top and Bottom of Pay Section (Perforations) | 2986' to 3060' | MV 4654' to 5372' Gallup 6455' to 6892' | 7328' to 7499' | | |
| 3. Type of production (Oil or Gas) | Gas DECENT | Gas and Condensate | Gas and Condensate | | |
| 4. Method of Production (Flowing or Artificial Lift) | Flowing UN JUN 3 U | 399 ** Flowing | Flowing | | |
| 5. Bottomhole Pressure Zones - Artificial Lift: Estimated Current | a. (Current) ONL CORRIO Solo Solo Solo Solo Solo Solo Solo Sol | a. Commingled | a884# | | |
| Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original | (Original) b. 864 Estimated | b. MV 1210 Estimated Gallup 1466 Measured | b. 2452 Measured | | |
| Oil Gravity (° API) or Gas BTU Content | 1168 BTU | 1187 BTU | 1187 BTU | | |
| 7. Producing or Shut-In | Shut-in | Shut-in | Shut-in | | |
| Production Marginal? (yes or no) | Yes | Yes | Yes | | |
| * If Shut-In, give date and oil/gas/water rates of last production | Date: Nov 98 April 99 Avg | Date: Nov 98 – April 99 Avg | Date: Nov 98 – April 99 Avg | | |
| Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data | Rates: Oil Gas Water 0 59 1.5 | Oil Gas Water Rates: MV .21 45 .6 Gall .42 60 .8 | Rates: Oil Gas Water 2.07 144 .2 | | |
| | Date: | Date: | Date: | | |
| * If Producing, give date and oil/gas/water rates of recent test (within 60 days) | Rates: | Rates: | Rates: | | |
| 8. Fixed Percentage Allocation Formula - % for each zone | Oil Gas 19 % | MV 7 Gas 14 Gal 16 % 20 % | Oil Gas 47 % | | |
| 9. If allocation formula is based up with supporting data and/or exp | pon something other than current or pa plaining method and providing rte proje | est production, or is based upon some of ections or other required data. | ther method, submit attichments | | |
| 10. Are all working, overriding, and | d royalty interests identical in all comm | ningled zones? X Ye | s No | | |
| If not, have all working, overric | ling, and royalty interests been notified | d by certified mail? X Ye | s No | | |
| Have all offset operators been g | given written notice of the proposed do | wnhole commingling? X Ye | s No | | |
| | | Is compatible, will the formations not by X Yes No (If No, attach ex | | | |
| 12. Are all produced fluids from all | | ach other? X Yes N | | | |
| 13. Will the value of production be | , , , | Yes X No (If Yes, attack | - | | |
| If this well is on, or communitied Management has been notified | zed with, state or federal lands, either t in writing of this application. | he Commissioner or Public Lands or the X_Yes No | ne United States Bureau of Land | | |
| 15. NMOCD Reference Cases of R | ule 303© Exceptions: ORD | DER NO(S). <u>DHC-1920, R-10963, I</u> | R-10239 | | |
| Production cu For zones with Data to suppo Notification li Notification li | h zone to be commingled sowing its sprve for each zone for at least one year. In no production history, estimated progret allocation method or formula. It is of all offset operators. It is to f working, overriding, and royalty all statements, data, or documents requi | (If not available, attach explanation.) duction rates and supporting data. interests for uncommon interest cases. | | | |
| I hereby certify that the info | rmation above is true and com | plete to the best of by knowled | dge and belief. | | |
| SIGNATURE Robert I | Teraver TITLE SU | PERINTENDENT DATE Jur | ie 28, 1999 | | |
| TYPE OR PRINT NAME | ROBERT L. VEROUER | | NE NO. (505) 632-1·544 | | |

District I PO Box 1980, Hobbs, NM 88241-1980 State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised October 18, 1994

District II 811 South First, Artesia, NM 88210 OIL CONSERVATION DIVISION ECEIVED Instructions on back
2040 South Pacheco State Lease - 4 Copies
Santa Fe. NM 87505

Submit to Appropriate District Office
State Lease - 3 Copies

District III

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

0 ALIC 24 PM 1:01

| District IV 2040 South Pache | eco, Santa Fe | | | | | | | AUG 24 PM | | AMENDED REP |
|---------------------------------|------------------------|-----------|---------------|---------|----------------------|----------------------|------------------|---------------|--------------------|--|
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| | API Numb | | | | | | | | | |
| | -039-250 | 590 | | 724 | | <u> </u> | | H BLANCO P | ICTURED (| |
| ⁴ Property 245 | | | | | | Property Name BREECH | | | | ' Well Number 377 |
| OGRID | | | | | | Operator Name S// | | | | |
| 0038 | | | | | - | ins Oil Company 6917 | | | | |
| | | 1 | | | 10 Sur | face | Location | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | | | North/South line | Feet from the | East/West line | County |
| M | 23 | 26N | 7W | | 1165 | 5' | South | 1025' | West | Rio Arrib |
| | | | 11 B | ottom | Hole Locat | ion I | f Different Fro | m Surface | | 9 |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from t | | North/South line | Feet from the | East/West line | |
| Dedicated Acre | es ¹³ Joint | or Infill | Consolidation | Code | 15 Order No. | | | | <u> </u> | -8 - |
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| | | | | | מים פ | 6.0 | ora, Duc | Signature | 2/ 2/ 0 | - year |
| | | | | | طالا(ة) | · ** | TETTO B | Printed Nar | ne Rober | t L. Verquer |
| | | | | | | | | Title | Super 8-21-98 | intendent |
| | | | | | | | | Date | | |
| | İ | | | | | | | "SUR | VEYOR C | ERTIFICATIO |
| | | | | | | | | I hereby cert | ify that the well | location shown on this |
| | | | | | | | | | | of actual surveys made same is true and corre |
| | | | | | | | | | y knowledge and | |
| | | | | | | | | Date of Surve | | |
| | | | | 1 | | | | Signature and | Seal of Profess | ional Surveyor: |
| 1025' | •◎ | | | | | | | | | |
| 1165 | | | | | | | | | Certificat | te Number |

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

Form C-102 Revised October 18, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fcc Lease - 3 Copies

| District IV | | | | | | | | | • |
|-----------------|-----------------------|--------------|---------------|-----------------------|---------------|------------------|-------------------|----------------|---------------|
| 2040 South Paci | icco, Santa F | e, NM 87505 | | | | | | □ A | MENDED REPORT |
| | | 7 | WELL I | LOCATIO | ON AND AC | REAGE DED | ICATION PL | AT — | |
| | ¹ API Numb | ж | | ² Pool Coo | de | | ¹ Pool | Name | |
| 3 | 0-039-25 | 690 | ŀ | 71599 | BASIN DAKOTA | | | | |
| 4 Propert | y Code | T | | | 5 Propert | y Name | | | Well Number |
| 245 | i4 | 1 | BREECH | | | | | | 377 |
| 7 OGRI | D No. | | Operator Name | | | | | | ' Elevation |
| 0038 | 24 | | | | | 6917 GR | | | |
| | | | | | 10 Surface | e Location | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| M | 23 | 26N | 7W | | 1165' | South | 1025' | West | Rio Arriba |
| | • | | 11 | Bottom H | ole Location | If Different Fro | om Surface | · | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Act | res 13 Joint | or Infill 14 | Consolidatio | n Code 15 O | Order No. | | | | <u> </u> |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD LINIT HAS REEN APPROVED BY THE DIVISION

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|-------|------------|----------------------|--|--|
| 16 | | | 1 | 17 OPERATOR CERTIFICATION |
| | | | | I hereby certify that the information contained herein is true |
| | | · | | and complete to the best of my knowledge and belief |
| | | <u>ରାଞ୍</u> ରି | 10 10 10 J | Robert I Verguer |
| | | 107 701 | COAR DIVIS | Signature |
| | | | (3(0))\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Printed Name Robert L. Verquer |
| | | (D)1717 | ENISTIO . | Title Superintendent |
| | | | | Date June 25, 1998 |
| | | | | ¹⁸ SURVEYOR CERTIFICATION |
| | | | | I hereby certify that the well location shown on this plat was |
| , | | | | plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the |
| | | | · | best of my knowledge and belief. |
| | | | | Date of Survey |
| | | | | Signature and Seal of Professional Surveyor: |
| 1025' | | | | |
| | | | | |
| 1165' | | | | |
| | | | | |
| | | | | Cartificate Number |
| | | · | | Communic Humber |

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

12 Dedicated Acres

160

13 Joint or Infill

14 Consolidation Code

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505 Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

■ AMENDED REPORT

| WFI | T | OC. | ATIO | N ANI |) ACRE | AGE | DEDI | CATIC | NPI. | AT |
|------|---|--------|----------------|-------------|--------|-------------|------|---------------------------|----------|----|
| 77 1 | | \sim | $\Delta I I V$ | 7.4 V.7 4.7 | | ΔUL | レレレ | $\mathbf{C}_{\mathbf{I}}$ | /1 Y L L | |

| 3 | ¹ API Numb 0-039-256 | | | ² Pool Coo 93235 | 1 | ³ Pool Name ICE CANYON; GALLUP (G) | | | | | |
|---------------------------|-------------------------|-----------------|------------------------------------|-----------------------------------|---------------|---|---------------------|------------------------|-----------------------|--|--|
| ⁴ Propert | | | | ⁵ Property Name BREECH | | | | | Well Number | | |
| ⁷ OGRI 0038 | | | Operator Name Caulkins Oil Company | | | | | | 'Elevation 6917 GR | | |
| | | | | | 10 Surface | Location | | | | | |
| UL or lot no. | Section 23 | Township 26N | Range 7W | Lot Idn | Feet from the | North/South line South | Feet from the 1025' | East/West line WeSt | County Rio Arriba | | |
| | >, | | ¹¹ E | ottom H | ole Location | If Different Fro | m Surface | | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

15 Order No.

| | | DAICO CIVII HAS DEL | | |
|---------|---|---------------------|------------------|--|
| 16 | | | | 17 OPERATOR CERTIFICATION |
| | | | | I hereby certify that the information contained herein is true |
| | | | - 6 1 1 1 A | and complete to the best of my knowledge and belief |
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| | | 10 Jan . | o Ma | Robert L Verguer |
| | | 60 | PUSO TORS | Signature |
| è | | OUT OF | 0 1939 0 1939 | Printed Name Robert L. Verquer |
| | | 1000 | | A Fined Politics |
| | | | | Title Superintendent |
| ; | | | | Date June 25, 1998 |
| | | | | 18 SURVEYOR CERTIFICATION |
| | | | | I hereby certify that the well location shown on this plat was |
| | | | | plotted from field notes of actual surveys made by me or under |
| | | | | my supervision, and that the same is true and correct to the |
| | | | | best of my knowledge and belief. |
| | · | | | Date of Survey |
| | | | | Signature and Scal of Professional Surveyor: |
| 1025' Ø | | | | |
| | | | | |
| | | | | |
| 1165' | | | | |
| | • | | | |
| | | | | Certificate Number |

District I

PO Box 1980, Hobbs, NM 88241-1980

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811 South First, Artesis, NM 88210

District III

1000 Rlo Brazos Rd., Aztec, NM 87410

District IV

320

2040 South Pacheco, Santa Fe. NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505 Form C-102 Revised October 18, 1994 Instructions on back

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| 2040 South Pac | neco, Santa F | c, INM 8/505 | | | | | | | J AMENDED REPOR |
|-------------------|--------------------|----------------------------|----------------------|----------------------|---------------|------------------|---------------|----------------|-----------------|
| | | 7 | WELL I | OCATIO | ON AND AC | REAGE DEDI | ICATION PL | AT | _ |
| | API Numb | er | | ² Pool Co | le | | 1 Pool | Name | |
| 3 | 30-039-25690 72319 | | | BLANCO MESA VERDE | | | | E | |
| 4 Propert | y Code | 1 | | | 5 Propert | ly Name | | | Well Number |
| 245 | 54 | İ | BREECH | | | | | 377 | |
| ⁷ OGRI | D No. | ³ Operator Name | | | | | | * Elevation | |
| 0038 | 324 | | Caulkins Oil Company | | | | | 6917 GR | |
| | | • | | | 10 Surface | e Location | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West li | ne County |
| M | 23 | 26N | 7W | | 1165' | South | 1025' | We | st Rio Arriba |
| | • | • | ¹¹ H | Bottom H | ole Location | If Different Fro | om Surface | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West li | ne County |
| | <u> </u> | <u>.l.</u> | | 1 | <u> </u> | | | | |
| 12 Dedicated Ac | res 13 Joint | or Infill 14 | Consolidation | n Code 15 C | rder No. | | | | |

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| ''''''''''''''''''''''''''''''''''''' | · i · · · · · · · · · · · · · · · · · · |
|--|---|
| | OPERATOR CERTIFICATION |
| | I hereby certify that the information contained herein is true |
| | and complete to the best of my knowledge and belief |
| A Provide Land | |
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| U 19 19 19 19 19 19 19 19 19 19 19 19 19 | m, +10/ |
| II/I Thy 3 p 1990 | Robert L Verguer |
| Wild Page | Signature |
| ONIL GOLDS | Printed Name Robert L. Verquer |
| Dist. 3 | Transco France |
| | Title Superintendent |
| | Date June 25, 1998 |
| <u> </u> | 7 |
| | ¹⁸ SURVEYOR CERTIFICATION |
| | I hereby certify that the well location shown on this plat was |
| | plotted from field notes of actual surveys made by me or unde my supervision, and that the same is true and correct to the |
| | best of my knowledge and belief. |
| | Date of Survey |
| | Signature and Scal of Professional Surveyor: |
| | Signature and Scar of Professional Surveyor. |
| | |
| | |
| | |
| | |
| | Certificate Number |
| | OIL GON. DIV |

5. Lease **UNITED STATES** NMNM-03733 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELLS 7. Unit Agreement Name (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals) 8. Well Name and No. 1. Oil Well [] Gas Well [] Other [] GAS WELL BREECH 377 2. Name of Operator 9. API Well No. Caulkins Oil Company 30-039-25(90-00C1 3. Address of Operator: 10. Field and Pool, Exploratory Area (505) 632-1544 **P.O. Box 340, Bloomfield, NM 87413** DAKOTA. ICE CANYON; GALLUP, MESA VERDE, PICTURED CLIFFS, CHACRA 4. Location of Well (Footage, Sec., Twp., Rge.) 11. Country or Parish, State 1165' F/S 1025' F/W SEC. 23-26N-7W Rio Arriba Co., New Mexico 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent [] Abandonment [] Change of Plans []Recompletion [] New Construction [X] Subsequent Report [] Plugging Back Non-Routine Fracturing [] Casing Repair [] Water Shut-Off [] Final Abandonment Notice [] Altering Casing [] Conversion to Injection [X] Other P&A Chacra/Commingle [] Dispose Water 17. Describe Proposed or Completed Operations: 5-14-99 Rigged up. T.O.H. with 1 1/4" Pictured Cliffs – Chacra production tubing. Released packer and T.O.H. with 2 1/16" Dakota – Gallup – Mesa Verde production tubing. No holes found visually in either string, but both tubing strings were corroded from top of packer at 3955' to approximately 3000' indicating tubing submerged in water. 5-17-99 T.I.H. with 2 3/8" work string, retrievable bridge plug and packer searching for hole in casing. Casing pressure tested to 2000# above Pictured Cliffs to surface and above Chacra to base of Pictured Cliffs – held OK. Set retrievable bridge plug below Chacra perforations at 3922' and packer above Chacra perforations at 3832'. Swabbed well to test Chacra perforations. Following 18 swab runs, fluid level staying at 2200' with no indication of gas. Swabbing test indicated Chacra zone was giving up too much water to produce and should be plugged and abandoned. Approval to P&A zone was obtained verbally from both federal and state agencies. (continued on page 2) NOTE: The format is issued in lieu of U.S. BLM Form 3160-5 18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT SIGNED: TITLE: Superintendent DATE: June 28, 1999 ROBERT L. VERQUER APPROVED BY: TITLE: DATE: CONDITIONS OF APPROVAL, IF ANY

Caulkins Oil Company BLM Sundry Notice Breech 377 June 25, 1999 Page 2

5-18-99 Pulled 2 stands, reset packer at 3706'.

Cemented Chacra perforations 3865' - 3885' through 2 3/8'' tubing with 100 sacks (116 cu. ft.) class "H" plus 2% CaCl displaced with 15.5 bbls H_2O .

Attempted to squeeze perforations for 2 hours with no success.

Cleared tubing, pulled 1 stand, reset packer at 3642'.

Cemented perforations with 50 sacks (58 cu. ft.) class "H" plus 2% CaCl displaced with 15 bbls H₂O.

Squeezed perforations, shut-in tubing with 600 psi.

Shut-in 16 hours, waiting on cement.

5-19-99 Released pressure from tubing.

Released packer and T.O.H. T.I.H. with tubing and 4 3/4" bit.

Tagged cement at 3751'.

Drilled out 237' of cement to 3988'.

NOTE: Drilling hard cement at 3988', retrievable bridge plug was set at 3922'. During above cementing job retrievable bridge plug slid down hole to undetermined point.

Well producing a lot of water.

5-20-99 T.O.H. with tubing and bit.

T.I.H. with retrievable bridge plug and packer testing casing to isolate water source.

5-21-99 Tests indicated that Chacra perforations were still leaking.

Set packer at 3166' below Pictured Cliffs perforations, 2986' to 3060'.

Established injection rate, 1 bbl per minute at 600#.

Cemented hole with 50 sacks (58 cu. ft.) class "H" plus 2% CaCl.

During displacement formation squeezed to 3500# with 6.5 bbls of cement inside of tubing.

Released packer and T.O.H.

5-24-99 T.I.H. with tubing and 4 3/4" bit.

Tagged cement at 2849' above Pictured Cliffs perforations, 2986' to 3060'.

Drilling cement from 2849' to 3220', fell through.

5-25-99 Continued in hole with tubing and bit. Tagged cement at 3988'.

Drilled through cement at 4243'.

Continued in hole, tagged cement at 4539'.

Drilled down and found top of retrievable bridge plug at 4659'.

Mesa Verde perforations, 4647' to 5534'.

T.O.H. with bit.

Caulkins Oil Company BLM Sundry Notice Breech 377 June 25, 1999 Page 3

5-26-99 Multiple runs with washover shoes and fishing tools.

thru Latched onto plug at 4687'.

5-28-99 T.O.H. with retrievable bridge plug.

6-1-99 Approval to commingle Pictured Cliffs with Dakota – Gallup – Mesa Verde was obtained verbally from both BLM and Aztec Oil conservation Division, following required stabilized shut-in and potential test on Pictured Cliffs formation.

T.I.H. with retrievable bridge plug and packer. Tested cemented Chacra perforations with 2000# - held

OK.

Set retrievable bridge plug 3424' and packer at 2921'.

Acidized and balled off Pictured Cliffs perforations with 500 gallons 15% acid.

Knocked balls out of perforations.

Pumped 500 gallons 15% acid with 64,000 MSCF/N₂.

Average treating pressure 1300#. I. S.D.P. 1050#. Flowed back N₂ and acid.

Shut well in for 3 days. Shut-in pressure 530#.

3 hour calculated potential test 439 MCF/D. T.O.H. with packer and retrievable bridge plug.

6-9-99 Drilled out cement over Mesa Verde perforations from 4687' to 5398'.

thru Continued in hole with tubing. Cleaned out to 7535' below Dakota perforations.

6-15-99 T.O.H. with bit.

6-16-99 T.I.H. with retrievable bridge plug and packer.

Set retrievable bridge plug at 5720'. Set packer at 4433'.

Acidized and balled off Mesa Verde perforations with 1000 gallons 15% acid and 85,000 MSCF/N₂.

Flowed back N₂ and acid.

6-17-99 T.O.H. with retrievable bridge plug and packer.

T.I.H. with 2 3/8" production tubing to 7514'.

Flowed well over night with air package.

6-18-99 Landed 2 3/8" production tubing at 7451'.

Swabbed well in. Now flowing to clean up.

Commingling application attached.

LAST 6-MONTHS PRODUCTION FOR BREECH 377

DAKOTA

| MONTH | GAS | OIL | DAYS | GAS DPA | OIL DPA |
|-------|--------|-----|------|---------|---------|
| 11/98 | 536 | 10 | 2 | 268 | 5.000 |
| 12/98 | 4,318 | 83 | 22 | 196 | 3.773 |
| 01/99 | 3,992 | 62 | 31 | 129 | 2.000 |
| 02/99 | 3,621 | 50 | 28 | 129 | 1.786 |
| 03/99 | 4,152 | 56 | 30 | 138 | 1.867 |
| 04/99 | 4,021 | 36 | 30 | 134 | 1.200 |
| | 20,640 | 297 | | 144 | 2.077 |

MESA VERDE

| MONTH | GAS | OIL | DAYS | GAS DPA | OIL DPA |
|-------|-------|-----|------|---------|---------|
| 11/98 | 166 | 3 | 2 | 83 | 1.500 |
| 12/98 | 1,340 | 8 | 22 | 61 | 0.364 |
| 01/99 | 1,239 | 5 | 31 | 40 | 0.161 |
| 02/99 | 1,124 | 5 | 28 | 40 | 0.179 |
| 03/99 | 1,289 | 5 | 30 | 43 | 0.167 |
| 04/99 | 1,248 | 3 | 30 | 42 | 0.100 |
| | 6,406 | 29 | | 45 | 0.203 |

GALLUP

| MONTH | GAS | OIL | DAYS | GAS DPA | OIL DPA |
|-------|-------|-----|------|---------|---------|
| 11/98 | 222 | 0 | 2 | 111 | 0.000 |
| 12/98 | 1,787 | 17 | 22 | 81 | 0.773 |
| 01/99 | 1,652 | 13 | 31 | 53 | 0.419 |
| 02/99 | 1,498 | 10 | 28 | 54 | 0.357 |
| 03/99 | 1,718 | 12 | 30 | 57 | 0.400 |
| 04/99 | 1,664 | 8 | 30 | 55 | 0.267 |
| | 8,541 | 60 | | 60 | 0.420 |

PICTURED CLIFFS

| MONTH | GAS | OIL | DAYS | GAS DPA | OIL DPA |
|-------|-------|-----|------|---------|---------|
| 11/98 | 1,510 | | 4 | 378 | |
| 12/98 | 5,042 | | 31 | 163 | |
| 01/99 | 1,292 | | 31 | 42 | *** |
| 02/99 | 428 | | 28 | 15 | |
| 03/99 | 235 | | 31 | 8 | |
| 04/99 | 152 | | 22 | 7 | |
| | 8,659 | | | 59 | |

CAULKINS OIL COMPANY

P. O. BOX 340 BLOOMFIELD, NEW MEXICO 87413 PHONE: 505-632-1544 FAX 505-632-1471

June 28, 1999

The following list is all the offset operators to Caulkins Oil Company well Breech 377, section 23, township 26N, range 7W

Burlington Resources P.O. Box 4289 Farmington, NM 87499

Central Resources, Inc. 1776 Lincoln St. Suite 1010 Denver, CO 80202

Chateau Oil & Gas 5802 U.S. Hwy 64 Farmington, NM 87402

Conoco, Inc. 3315 Bloomfield Highway Farmington, NM 87401

Dugan Production Corp. 709 E. Murray Drive Box 420 Farmington, NM 87401

Little Oil & Gas, Inc. P.O. Box 1258 Farmington, NM 87499 Louis Dreyfus Natural Gas Company 1400 Quail Springs Corporate Park Suite 600 Oklahoma City, OK 73134

Taurus Exploraation USA, Inc. 2198 Bloomfield Highway Farmington, NM 87402

Turner Production Company C/O Little Oil & Gas, Inc. P.O. Box 1258 Farmington, NM 87499

Universal Resource Corp. 1331 17th St. Suite 300 Denver, CO 80202

Unocal 1004 Big Spring Midland, TX 79702

