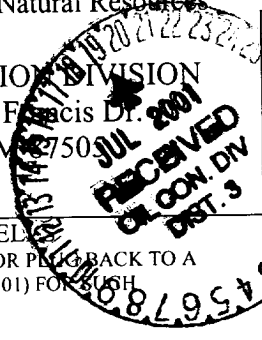


Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505



WELL API NO.	30-045-23724
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
Lease Name or Unit Agreement Name:	Chavez Gas Com D
8. Well No.	1E
9. Pool name or Wildcat	Blanco Mesaverde

SUNDRY NOTICES AND REPORTS ON WELLS  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Amoco Production Company** Attn: **Mary Corley**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253**

4. Well Location  
 Unit Letter J 1560 feet from the South line and 1760 feet from the East line  
 Section 03 Township 29N Range 09W NMPM San Juan County  
 10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5672'

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <b>Abandon PC &amp; Re-enter the Mesaverde</b> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  
**Amoco Production Company request permission to plug and abandon the Pictured Cliffs Pool, drill out 2 cement plugs, and recomplete the subject well into the Mesaverde as per the attached procedure.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 07/11/2001  
 Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)  
 Original Signed by STEVEN N. HAYDEN DEPUTY OIL & GAS INSPECTOR, DIST. 3  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL 13 2001  
 Conditions of approval, if any:

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

District II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-23724		<sup>2</sup> Pool Code 72319		<sup>3</sup> Pool Name Blanco Mesaverde	
<sup>4</sup> Property Code 000370		<sup>5</sup> Property Name Chavez Gas Com D			<sup>6</sup> Well Number 1E
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name Amoco Production Company			<sup>9</sup> Elevation 5672'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit J	03	29N	09W		1560'	South	1760'	East	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 323.4	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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

<p>16</p>	<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>Mary Corley</i></p> <p>Printed Name: Mary Corley</p> <p>Title: Sr. Regulatory Analyst</p> <p>Date: 06/14/2001</p>
	<p><sup>18</sup> 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 belief.</p> <p>On File</p> <p>Date of Survey:</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Fred B Kerr Jr 3950</p> <p>Certificate Number</p>

## Chavez Gas Com D #1E Recompletion Procedure

---

### Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well.
4. Nipple down WH. NU BOPs.
5. TOH and LD 2-3/8" production tubing currently set at 2361'.
6. PU 2-3/8" workstring and drill collars.
7. TIH with 2-3/8" workstring to 2400'. Spot 15 bbls of cement. POOH to 2000' and squeeze Pictured Cliffs perforations (2315' - 2392'). TOH.
8. TIH with 2-3/8" workstring, drill collars, and 7" mill. Drill cement to 2425'. Pressure test casing and squeeze job to 500 psi.
10. Drill cement plug (2430' - 2480') and 7" CIBP set at 2480'. TOH. LD 7" mill.
11. PU 4-1/2" mill. TIH with 2-3/8" workstring, drill collars, and 4-1/2" mill. Drill cement plug (3780' - 3830') and CIBP set at 3830'. TOH and LD drill collars and 4-1/2" mill.
12. RIH with 4-1/2" casing scraper to 5100'. Load hole with 2% KCL. Pressure test casing to 500 psi. TOH and LD 2-3/8" workstring.  
*Note: No CBL will be run for this recompletion. A CBL was run during the plugging operations in 1994 and indicated a cement top behind the 4-1/2" casing at 2670'.*
13. RIH with 3-1/8" casing guns. Perforate Lower Menefee/Point Lookout formation.  
4485', 4500', 4515', 4560', 4575', 4585', 4595', 4605', 4622', 4630', 4650', 4655', 4665', 4680', 4695', 4725', 4750', 4780', 4805', 4820', 4848', 4865', 4880', 4913', 4930'
14. PU 2500' 3-1/2" frac string, 7 joints 2-3/8" tubing, and a 4-1/2" packer. TIH and set 4-1/2" packer at 2710'.
15. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
16. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Flush frac with foam.
17. Flowback frac immediately.
18. Release packer and TOH with frac string and packer.
19. RUWL unit. RIH and set CIBP between Menefee and Cliffhouse at 4375'.
20. RIH with 3-1/8" casing guns. Perforate Cliffhouse/Menefee formation.  
3920', 3932', 3943', 3949', 3970', 3979', 3990', 4005', 4020', 4030', 4050', 4055', 4070', 4078', 4085', 4240', 4250', 4260', 4325', 4336', 4348',

21. PU 2500' 3-1/2" frac string, 7 joints 2-3/8" tubing, and a 4-1/2" packer. TIH and set 4-1/2" packer at 2710'.
22. RU frac equipment. Use 2% KCL/N<sub>2</sub> foam in fracture stimulation.
23. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Flush frac with foam.
24. Flowback frac immediately.
25. Release packer and TOH and LD frac string and packer.
26. PU 2-3/8" production tubing. TIH with tubing and bit. Cleanout fill and drill bridge plug set at 4375'. Cleanout fill to 5100'. Blow well dry at 5100'.
27. Land 2-3/8" production tubing at 4850'.
28. ND BOP's. NU WH. Test well for air. Return well to production.

# Chavez Gas Com D #1E

Sec 3, T29N, R9W

GL: 5672'

### History:

Completed in 12/79  
Lower Dakota plugged in 9/93  
Recompleted to PC in 10/94

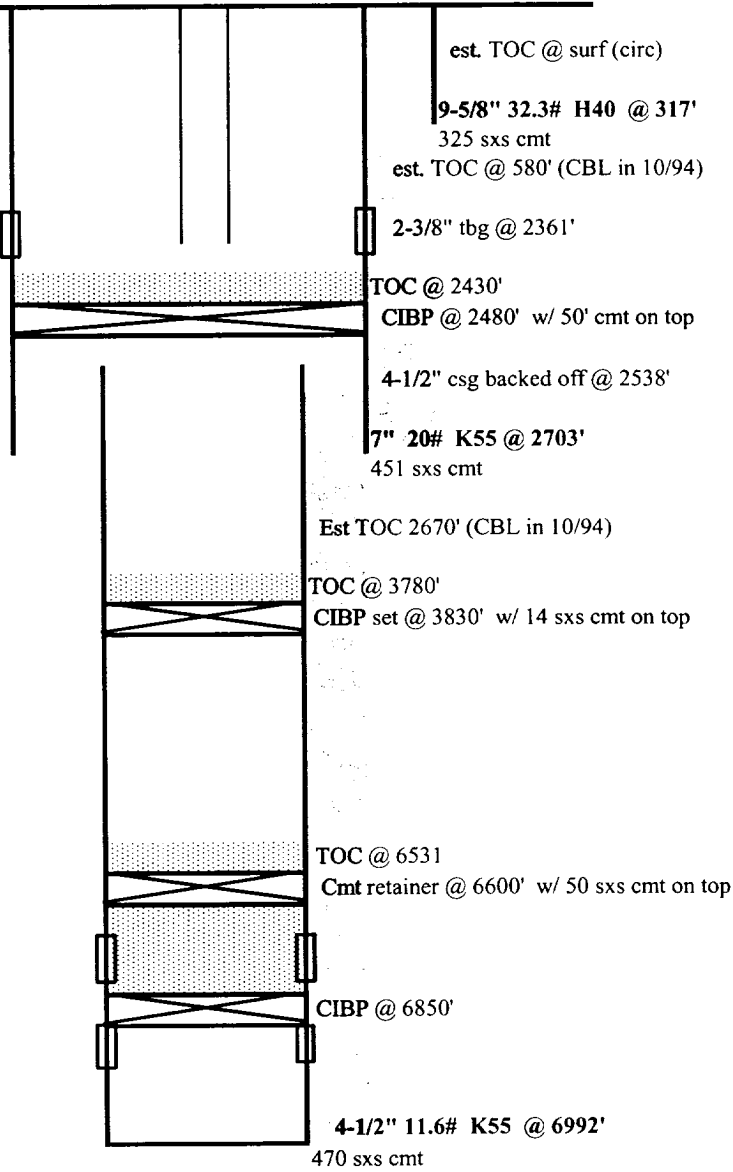
### Pictured Cliffs Perfs

2315 - 2392' 2 spf

Dakota P&A w/ 50 sxs in 10/94

### Original Dakota Perforations

6671 - 6796' 2 spf  
6864 - 6961' 2 spf



PBTD: 6971'

### 4-1/2" Cement Job Notes:

- no cementing detail in well file
- CBL in '94 showed TOC @ 2670'

updated: 8/23/99 jad

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

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

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-23724</b>		<sup>2</sup> Pool Code <b>72319</b>		<sup>3</sup> Pool Name <b>Blanco Mesaverde</b>	
<sup>4</sup> Property Code <b>000370</b>		<sup>5</sup> Property Name <b>Chavez Gas Com D</b>			<sup>6</sup> Well Number <b>1E</b>
<sup>7</sup> OGRID No. <b>000778</b>		<sup>8</sup> Operator Name <b>Amoco Production Company</b>			<sup>9</sup> Elevation <b>5672'</b>

<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit J	03	29N	09W		1560'	South	1760'	East	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>323.4</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

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

<div data-bbox="211 1159 544 1478" data-label="Image"> </div>	<div data-bbox="1047 968 1518 1457" data-label="Form"> <p><b><sup>17</sup> OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mary Corley</i> Signature <b>Mary Corley</b></p> <p>Printed Name <b>Mary Corley</b></p> <p>Title <b>Sr. Regulatory Analyst</b></p> <p>Date <b>06/14/2001</b></p> </div>
	<div data-bbox="568 968 1039 1917" data-label="Diagram"> </div>

waiting for C103  
to recomplete to  
BMV

7-3-1

A handwritten signature in black ink, consisting of a stylized, cursive name that is difficult to decipher but appears to start with a large 'J' or 'K'.

## Chavez Gas Com D #1E Recompletion Procedure

---

### Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well.
4. Nipple down WH. NU BOPs.
5. TOH and LD 2-3/8" production tubing currently set at 2361'.
6. PU 2-3/8" workstring and drill collars.
7. TIH with 2-3/8" workstring to 2400'. Spot 15 bbls of cement. POOH to 2000' and squeeze Pictured Cliffs perforations (2315' - 2392'). TOH.
8. TIH with 2-3/8" workstring, drill collars, and 7" mill. Drill cement to 2425'. Pressure test casing and squeeze job to 500 psi.
10. Drill cement plug (2430' - 2480') and 7" CIBP set at 2480'. TOH. LD 7" mill.
11. PU 4-1/2" mill. TIH with 2-3/8" workstring, drill collars, and 4-1/2" mill. Drill cement plug (3780' - 3830') and CIBP set at 3830'. TOH and LD drill collars and 4-1/2" mill.
12. RIH with 4-1/2" casing scraper to 5100'. Load hole with 2% KCL. Pressure test casing to 500 psi. TOH and LD 2-3/8" workstring.  
*Note: No CBL will be run for this recompletion. A CBL was run during the plugging operations in 1994 and indicated a cement top behind the 4-1/2" casing at 2670'.*
13. RIH with 3-1/8" casing guns. Perforate Lower Menefee/Point Lookout formation.  
4485', 4500', 4515', 4560', 4575', 4585', 4595', 4605', 4622', 4630', 4650', 4655', 4665', 4680', 4695', 4725', 4750', 4780', 4805', 4820', 4848', 4865', 4880', 4913', 4930'
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22. RU frac equipment. Use 2% KCL/N<sub>2</sub> foam in fracture stimulation.
23. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Flush frac with foam.
24. Flowback frac immediately.
25. Release packer and TOH and LD frac string and packer.
26. PU 2-3/8" production tubing. TIH with tubing and bit. Cleanout fill and drill bridge plug set at 4375'. Cleanout fill to 5100'. Blow well dry at 5100'.
27. Land 2-3/8" production tubing at 4850'.
28. ND BOP's. NU WH. Test well for air. Return well to production.

# Chavez Gas Com D #1E

Sec 3, T29N, R9W

GL: 5672'

History:

Completed in 12/79  
 Lower Dakota plugged in 9/93  
 Recompleted to PC in 10/94

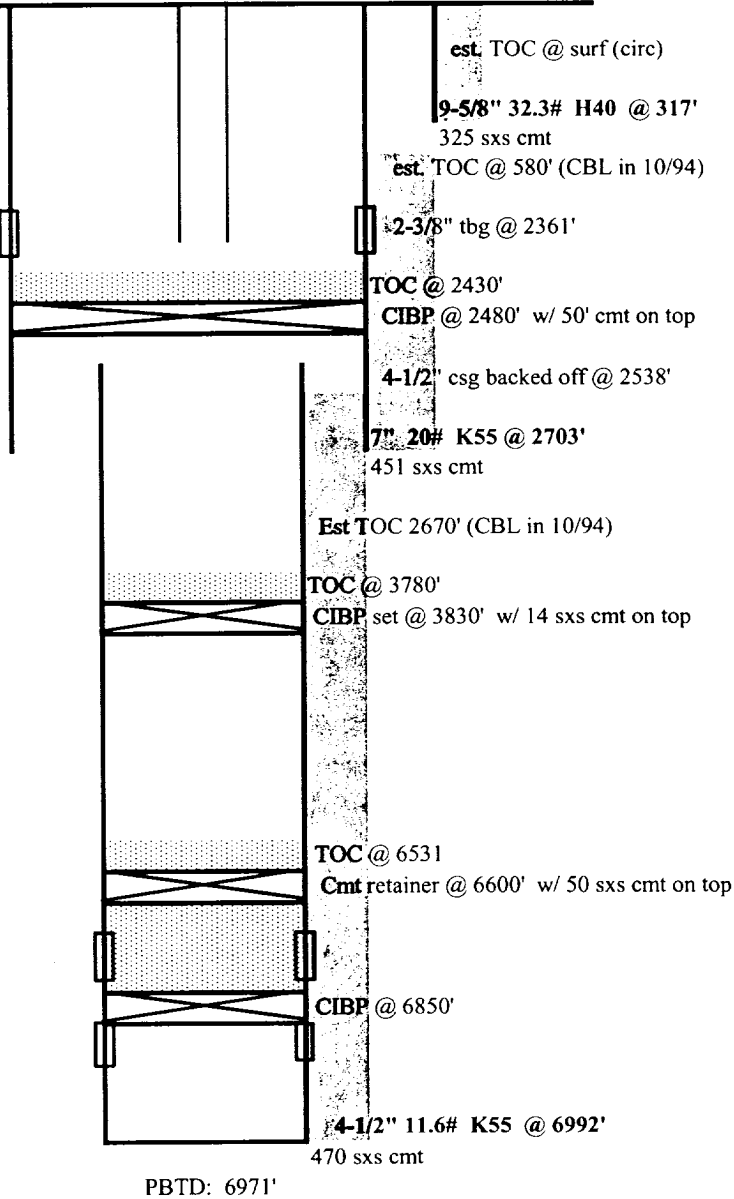
Pictured Cliffs Perfs

2315 - 2392' 2 spf

Dakota P&A w/ 50 sxs in 10/94

Original Dakota Perforations

6671 - 6796' 2 spf  
 6864 - 6961' 2 spf



**4-1/2" Cement Job Notes:**  
 - no cementing detail in well file  
 - CBL in '94 showed TOC @ 2670'

updated: 8/23/99 jad

Submit To Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
 District I  
 1625 N. French Dr., Hobbs, NM 87240  
 District II  
 811 South First, Artesia, NM 87210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 1220 South St. Francis Drive  
 Santa Fe, NM 87505

						WELL API NO. <b>30-045-23724</b>		
						5. Indicate Type of Lease STATE FEE <input checked="" type="checkbox"/>		
						State Oil & Gas Lease No.		
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>								
1a. Type of Well: OIL WELL GAS WELL <input checked="" type="checkbox"/> DRY OTHER _____						7. Lease Name or Unit Agreement Name  <b>Chavez Gas Com D</b>		
b. Type of Completion: NEW WELL WORK OVER PLUG BACK DIFF. RESVR <input checked="" type="checkbox"/> OTHER _____						8. Well No.  <b>1E</b>		
2. Name of Operator <b>BP America Production Company</b>						9. Pool name or Wildcat <b>Blanco Mesaverde</b>		
3. Address of Operator <b>P.O. Box 3092 Houston, TX 77253 Attn: Mary Corley</b>								
4. Well Location Unit Letter <b>J</b> : <b>1560</b> Feet From The <b>South</b> Line and <b>1760</b> Feet From The <b>East</b> Line Section <b>03</b> Township <b>29N</b> Range <b>09W</b> NMPM <b>San Juan</b> County								
10. Date Spudded <b>10/05/1979</b>		11. Date T.D. Reached <b>10/17/1979</b>		12. Date Compl. (Ready to Prod.) <b>03/27/2002</b>		13. Elevations (DF& RKB, RT, GR, etc.) <b>5672' 6L</b>	14. Elev. Casinghead	
15. Total Depth <b>6992'</b>		16. Plug Back T.D. <b>5300'</b>		17. If Multiple Compl. How Many Zones? _____		18. Intervals Rotary Tools Drilled By <b>XX</b>	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name <b>3920' - 4930' Blanco Mesaverde</b>						20. Was Directional Survey Made <b>NO</b>		
21. Type Electric and Other Logs Run <b>GR</b>						22. Was Well Cored <b>NO</b>		
23. <b>CASING RECORD (Report all strings set in well)</b>								
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>9 5/8"</b>		<b>32.3#</b>		<b>317'</b>		<b>12 1/4"</b>	<b>325 SXS</b>	
<b>7"</b>		<b>20#</b>		<b>2703'</b>		<b>8 1/2"</b>	<b>450 SXS</b>	
<b>4 1/2"</b>		<b>11.6#</b>		<b>6992'</b>		<b>6 1/2"</b>	<b>470 SXS</b>	
24. <b>LINER RECORD</b>								
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. <b>TUBING RECORD</b>			
					SIZE	DEPTH SET	PACKER SET	
					<b>2 3/8"</b>	<b>4800'</b>		
26. Perforation record (interval, size, and number) <b>PLEASE SEE ATTACHED SUBSEQUENT REPORT FOR PERFORATION DETAILS</b>						27. <b>ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>		
						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
						<b>3920' - 4348'</b>	<b>90498# 16/40 Brady Sand, 70% Foam, N2</b>	
						<b>4485' - 4930'</b>	<b>86000# 16/40 Brady Sand, 70% Foam, N2</b>	
28. <b>PRODUCTION</b>								
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) <b>Flowing</b>			Well Status ( <i>Prod. or Shut-in</i> ) <b>Producing</b>			
Date of Test <b>03/26/2002</b>	Hours Tested <b>12</b>	Choke Size <b>1/4"</b>	Prod'n For Test Period	Oil - Bbl <b>Trace</b>	Gas - MCF <b>560</b>	Water - Bbl. <b>Trace</b>	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure <b>230#</b>	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )		
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )						Test Witnessed By		
30. List Attachments								
31. <i>I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief</i>								
Signature <i>Mary Corley</i>		Printed Name <b>Mary Corley</b>		Title <b>Sr. Regulatory Analyst</b>		Date <b>04/09/2002</b>		

# 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 special 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 <u>943'</u>	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>1275'</u>	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>2155'</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>3820'</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee <u>3090'</u>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>4700'</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>6620'</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	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. 3, from.....to.....
No. 2, 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

From	To	Thickness In Feet	Lithology

CHAVEZ GAS COM D 1E  
RECOMPLETION SUBSEQUENT REPORT  
04/09/2002

02/25/2002 MIRUSU @ 06:30 hrs. NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG.

02/26/2002 RU, TIH & set a PKR 5' above CMT plug in CSG & pressure test plug to 1000#. Held OK. PU & set PKR above top perf @ 2315' & pressure test CSG to 1000#. Held Ok.

02/27/2002 TIH & set PKR @ 2152'. Loaded backside w/2% Kcl WTR. Pressure tested to 1000#. Held OK. RU & SQZ'd off Cliffhouse perfs from 2315' to 2392'. Well went on vacuum. SDFN.

02/28/2002 RU & Pressure test CSG to 500#. Held OK. Released PKT & TOH. TIH & tag CMT @ 2290'. DO CMT to 2355'. Lost circ. Well went on vacuum. Did pump injection test - pumped 2.5 BBLS/Min. @ 300#. TOH. TIH W/PKR & SDFN.

03/01/2002 TIH w/PKR & set @ 2152'. Loaded backside & pressure tested to 500#. Held OK. RU & CMT SQZ Pictured Cliffs perfs second time. Had a 1200# SQZ. SDFN.

03/04/2002 Released PKR & TOH. TIH & tag CMT @ 2259' DO CMT to 2350'. SDFN.

03/05/2002 TIH & tag CMT @ 2350'. DO CMT to 2412'. Pressure tested CSG to 500#. Held OK. Circ down to top of CIBP set @ 2480'. TOH. TIH & DO CIBP. TOH & SDFN.

03/06/2002 TIH & tag remains of CIBP on top of liner. Mill up & chased to top of CIBP set @ 3830'. Milled out CIBP & C/O to 5400'. Pu 30' & SDFN.

03/07/2002 TOH & SDFN.

03/08/2002 RU & run GR log. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee perforations, 2 spf (3 shots/ 6 holes):

4485', 4500', 4515'

Upper Point Lookout perforations, 1 spf (12 shots/ 12 holes):

4560', 4575', 4585', 4595', 4605', 4622', 4630', 4650', 4655', 4665', 4680', 4695'

Lower Point Lookout perforations, 2 spf (10 shots/ 20 holes):

4725', 4750', 4780', 4805', 4820', 4848', 4865', 4880', 4913', 4930'

03/11/2002 TIH to TOL & SDFN.

03/12/2002 RU & Frac w/86,000# of 16/30 Brady Sand & 70% Foam & N2. RU & flow back thru  $\frac{1}{4}$ " choke over night.

03/13/2002 Upsized choke to  $\frac{1}{2}$ " @ 06.00 hrs. @ 10.00 hrs upsized choke to  $\frac{3}{4}$ " & flowed back overnight.

03/14/2002 Unseat PKR & TOH. RU wireline & SDFN.

03/15/2002 RU, TIH w/CIBP & set @ 4375'. RU & Perf Cliffhouse & Menefee: 3.125 inch diameter

Cliffhouse perforations, 1 spf (15 shots/15 holes):

3920', 3932', 3943', 3949', 3970', 3979', 3990', 4005', 4020', 4030', 4050',  
4055', 4070', 4078', 4085'

Menefee perforations, 2 spf (6 shots/ 12 holes):

4240', 4250', 4260', 4325', 4336', 4348',

03/18/2002 RU, TIH & set PKR @ 2599'. SDFN

03/19/2002 RU & Frac w/90,498# of 16/30 Brady Sand & 70% Foam & N<sub>2</sub>. RU & Flow back well thru  $\frac{1}{4}$ " choke all night.

03/20/2002 Flowback well thru  $\frac{1}{4}$ " choke. @ 09:00 hrs upsized to  $\frac{1}{2}$ " choke. @ 15:00 hrs Upsized to  $\frac{3}{4}$ " choke & flowback overnight.

03/21/2002 TIH & TOH W/PKR. SDFN.

03/22/2002 Flowback well thru 3" lines. Heavy sand & WTR. Flowed back over weekend.

03/25/2002 TIH & tag fill @ 4305'. Circ hole clean to top of CIBP set @ 4375'. DO CIBP & circ hole clean. PU above TOL & flowed well overnight thru  $\frac{3}{4}$ " choke.

03/26/2002 TIH & tagged part of CIBP @ 4840'. Milled and pushed plug down to 5300'. New PBTD @ 5300'. PU above perms & flow test well 12 hrs. thru  $\frac{3}{4}$ " choke. 560 MCF Gas, Trace WTR, Trace oil.

03/27/2002 TOH. TIH W/ 2 3/8" production TBG & land @ 4800'. ND BOP's & NUWH. Pull TBG plug. RDSU

03/28/2002 MOSU. Rig Release @ 08:00 hrs.