

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

Form C-103  
Revised March 25, 1999

WELL API NO. <b>30-045-30572</b>
5. Indicate Type of Lease STATE      FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name:  <b>Elliott Gas Com H</b>
8. Well No. <b>1M</b>
9. Pool name or Wildcat
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5872'</b>

**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 **BHL**  
*Surf. 2200/N 9801E*  
Unit Letter **I**      **2200** feet from the **South** line and **800** feet from the **East** line  
*Surf. H*  
Section **26**      Township **30N**      Range **09W**      NMPM      **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**5872'**

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 checked="" 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>Amend Drilling Program</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 recompilation.

On February 22, 2001, Amoco Production Company filed an application for permit to drill the subject well. Approval was granted on February 26, 2001. Amoco respectfully request permission to amend our drilling and casing program as per the attached Drilling and Cementing Program.

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 **06/11/2001**  
Type or print name **Mary Corley**      Telephone No. **281-366-4491**  
(This space for State use)  
**Original Signed by STEVEN M. HAYDEN**      **DEPUTY OIL & GAS INSPECTOR, DIST. IV**      **JUN 21 2001**  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of approval, if any:

**IAMOCO PRODUCTION COMPANY  
DRILLING AND COMPLETION PROGRAM**

**Prospect Name:** Elliott Gas Com H  
**Lease:** ELLIOTT GAS COM H  
**County:** San Juan  
**State:** New Mexico  
**Date:** June 11, 2001

**Well No:** 1M  
**Surface Location:** 26-30N-9W, 2200 FNL, 980 FEL  
**Bottom Hole Loc.:** 26-30N-9W, 2200 FSL, 800 FEL  
**Field:** Blanco Mesaverde/Basin Dakota

**OBJECTIVE:** Drill 400' below the base of the Greenhorn Limestone, set 4" Liner across Dakota, Stimulate LS, CH, MF, PL and DK intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 5872		Estimated KB: 5886	
Rotary	0 - TD	MARKER		SUBSEA	MEAS. DEPTH
<b>LOG PROGRAM</b>		Ojo Alamo		4547	1388
<b>TYPE</b>	<b>DEPTH INVERAL</b>	Fruitland Coal	*	3847	2139
<u>OPEN HOLE</u>		Pictured Cliffs	*	3314	2710
GR-Induction	TD to 5 1/2" shoe	Lewis Shale	#	3234	2797
Density/Neutron	TD to 5 1/2" shoe	Cliff House	#	1587	4457
Sonic	TD to 5 1/2" shoe	Menefee Shale	#	1514	4529
<u>CASED HOLE</u>		Point Lookout	#	1111	4933
GR-CCL-TDT	TDT - PBTD-7 5/8" shoe	Mancos		952	5091
	GR-CCL - PBTD-0'	Greenhorn		-932	6975
CBL	Top of 4" - 50' above 7 5/8 "shoe	Bentonite Marker		-988	7031
<b>REMARKS:</b>		Two Wells	#	-1035	7078
- Please report any flares (magnitude & duration).		Dakota MB	#	-1180	7223
		Burro Canyon	*	-1347	7390
		Morrison	*	-1397	
		<b>TOTAL DEPTH</b>		<b>-1438</b>	<b>7431</b>
		# Probable completion interval * Possible Pay			
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		10 feet	Production hole	Geolograph	0-TD
<b>REMARKS:</b>					

MUD PROGRAM:							
Approx. Interval			Type Mud	Weight, #/gal	Vis, sec/qt	W/L cc's/30 min	Other Specification
0	-	200	Spud	8.6-9.2		<6	
200	-	3063	Water/LSND	8.6-9.2			
3063	-	7390	Gas/Air/Mist	Volume sufficient to maintain a stable and clean wellbore			
7390		7431	LSND	9.0-9.2		<6	

**REMARKS:**  
(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.  
(2) Due to the increased thickness of the Dakota, mud up at the Burro Canyon

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)						
Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	200	9 5/8"	H-40 ST&C	32#	12.25"	1
Intermediate 1	3063	7"	J/K-55 ST&C	20#	8.75"	1,2
Production (liner)	7431	4 1/2"	J-55	11.6#	6.25"	3

**REMARKS:**  
(1) Circulate Cement to Surface  
(2) Set casing 100' into Lewis Shale  
(3) Bring Cement 100' above 7" shoe

**CORING PROGRAM:**  
None

**COMPLETION PROGRAM:**  
Rigless, 4-6 Stage Limited Entry Hydraulic Frac

**GENERAL REMARKS:**  
Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: \_\_\_\_\_ Logging program reviewed by: N/A

<b>PREPARED BY:</b>	<b>APPROVED:</b>	<b>DATE:</b>
KAS/KAT		May 24, 2001
		Version 2.0

Form 46 12-00 KAT

## Amoco Production Company BOP Pressure Testing Requirements

Well Name: Elliott Gas Com H  
County: San Juan

1M  
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1339		
Fruitland Coal	2040		
PC	2572		
Lewis Shale	2652		
Cliff House	4300	500	0
Menefee Shale	4372		
Point Lookout	4776	600	0
Mancos	4934		
Dakota	6921	2600	1514

\*\* Note: Determined using the following formula:  $ABHP - (.22 \times TVD) = ASP$

Requested BOP Pressure Test Exception: 3000 psi

Well Name:	Elliot Gas Com H	Field:	Blanco Mesaverde / Basin Dakota
Location:	26-30N-9W, 2200 FNL, 980 FEL	API No.	
County:	San Juan	Well Flac	
State:	New Mexico	Formation:	Dakota MesaVerde
		KB Elev (est)	5886
		GL Elev. (est)	5872

#### Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	200	12.25	9.625	ST&C	Surface	NA	
Intermediate	3063	8.75	7	LT&C	Surface	NA	
Production -	7431	6.25	4.5	?	2963	NA	

#### Casing Properties:

(No Safety Factor Included)								
Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface		9.625	32 H-40	3370	1400	254	0.0787	8.845
Intermediate		7	20 K-55	3740	2270	234	0.0405	6.456
Production -		4.5	11.6 J-55	5350	4960	154	0.0155	3.875

#### Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prio Cementing:
			PV <20
			YP <10
			Fluid Los: <15
0 - SCP	Water/Spud	8.6-9.2	
SCP - ICP	Water/LSND	8.6-9.2	
ICP - ICP2	Gas/Air Mist	NA	
ICP2 - TD	LSND	8.6 - 9.2	

#### Cementing Program:

	Surface	Intermediate	Production
Excess %, Bit	100%	80	10
Excess %, Caliper	NA	NA	30
BHST (est deg. F)	60	120	160
Pipe Movement	NA	Rotate/Reciprocate	Rotate/Reciprocate
Rate, Max (bpm)	7	4	2
Rate Recommended (bpm)	6	4	2
Pressure, Max (psi)	200	2000	2000
Shoe Joint	40	80	40
Batch Mix	NA	NA	NA
Circulating prior cmtn (hr)	0.5	1.5	2
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1,6,7	1,6,8	2,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

#### Notes:

\*Do not wash up on top of plug. Wash lines before displacing production cement job to minimize drillout.  
 \*\*\* Run TMD cased hole logs to identify pay; Perforating and CH logs can be run rigless.

#### Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	108 sx Class G Cement		125 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		
	0.25 #/sk Cellophane Flake (lost circulation additive)		0.3132 cuft/ft OH
	0.1% D46 antifoam		100 % excess
Slurry Properties:	Density (lb/gal)	Yield (ft <sup>3</sup> /sk)	Water (gal/sk)

# Cementing Program

Slurry 1                      15.8                      1.16                      4.95

Casing Equipment:            9-5/8", 8R, ST&C  
                                      1 Guide Shoe  
                                      1 Top Wooden Plug  
                                      1 Autofill insert float valve  
                                      4 Centralizers  
                                      1 Stop Ring  
                                      1 Thread Lock Compound

## Intermediate:

Fresh Water                      20 bbl                      fresh water

Lead		232 sx Class "G" Cement	674 cuft
Slurry 1		+ 3% D79 extender	
TOC@Surface		+ 2% S1 Calcium Chloride	
		+1/4 #/sk. Cellophane Flake	
		+ 0.1% D46 antifoam'	
Tail		107 sx 50/50 Class "G"/Poz	135 cuft
Slurry 2		+ 2% gel (extender)	
		0.1% D46 antifoam	0.1503 cuft/ft OH
500 ft fill		+1/4 #/sk. Cellophane Flake	0.1746 cuft/ft csg ann
		+ 2% CaCl2 (accelerator)	80 % excess

Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft3/sk)	(gal/sk)
Slurry 1	11.4	2.9	17.77
Slurry 2	13.5	1.27	5.72

Casing Equipment:            7", 8R, ST&C

1 Float Shoe (autofill with minimal LCM in mud)  
 1 Float Collar (autofill with minimal LCM in mud)  
 1 Stop Ring  
 10 Centralizers (one in middle of first joint, then every third collar)  
 2 Fluidmaster vane centralizers @ base of Ojo  
 7 Centralizers one every 4th joint from Ojo to base of surface casing  
 1 Top Rubber Plug  
 1 Thread Lock Compound

## Production:

Fresh Water                      10 bbl                      CW100

Lead		133 LiteCrete D961 / D124 / D154	285 cuft
Slurry 1		+ 0.03 gps D47 antifoam	
TOC@Surface		+ 0.5% D112 fluid loss	
		+ 0.11% D65 TIC	
Tail		144 sx 50/50 Class "G"/Poz	208 cuft
Slurry 2		+ 5% D20 gel (extender)	+ 5 #/sk D24 gilsonite
1840 ft fill		+ 0.1% D46 antifoam	+ 0.15% D65 TIC
		+ 1/4 #/sk. Cellophane Flake	+ 0.1% D800 retarder
		+ 0.25% D167 Fluid Loss	
			0.1026 cuft/ft OH
Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft3/sk)	(gal/sk)
			10 % excess
			0.1169 cuft/ft csg ann

# Cementing Program

Slurry 1	9.5	2.14	6.38	
Slurry 2	13	1.44	6.5	Top of Mancos
				5091
Casing Equipment:	4-1/2", 8R, ST&C			
	1 Float Shoe (autofill with minimal LCM in mud)			
	1 Float Collar (autofill with minimal LCM in mud)			
	1 Stop Ring			
	39 Centralizers (every third joint)			
	1 Top Rubber Plug			
	1 Thread Lock Compound			

## Note:

1. The job should be pumped at 2-3 bpm max rate. Do not exceed 3 bpm on displacement
2. Wash pump and lines before displacement. Slow to 1 bpm for the last 30 bbl of displacement.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

August 1, 2001

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**Amoco Production Company**  
**San Juan Business Unit**  
**501 West Lake Park Boulevard**  
**Houston, Texas 77079-3092**

**Attention: Mary Corley**



**Re:** Elliott Gas Com. Well No. 1-M (API No. 30-045-30572) to be drilled from a surface location 2200 feet from the North line and 980 feet from the East line (Unit H) of Section 26, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico, to a bottomhole location within the Basin-Dakota Pool 2200 feet from the South line and 800 feet from the East line (Unit I) of Section 26.

Dear Ms. Corley:

On April 23, 2001, I sent a letter requesting additional information to support Amoco Production Company's application dated March 19, 2001 (*Division application reference No. pKRV0-108249673*). To date I have not received a reply. This bureau has recently enacted a policy whereby any incomplete administrative filing older than 30 days is to be withdrawn and returned. This new policy, as I understand will, better serve our customers and help assure a quicker turn around time by this bureau on administrative filings.

In order to fully comply with this policy, I am withdrawing your application and returning it to you at this time. Thank you for your understanding and cooperation.

Sincerely

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: **New Mexico Oil Conservation Division – Aztec**  
**U. S. Bureau of Land Management - Farmington**  
**William F. Carr, Legal Counsel for Amoco Production Company - Santa Fe**



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

April 23, 2001

**Lori Wrotenberg**  
Director  
Oil Conservation Division

**Amoco Production Company**  
**San Juan Business Unit**  
**501 West Lake Park Boulevard**  
**Houston, Texas 77079-3092**

**Attention: Mary Corley**

**Re:** Elliott Gas Com. Well No. 1-M (API No. 30-045-30572) to be drilled from a surface location 2200 feet from the North line and 980 feet from the East line (Unit H) of Section 26, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico, to a bottomhole location within the Basin-Dakota Pool 2200 feet from the South line and 800 feet from the East line (Unit I) of Section 26.

Dear Ms. Corley:

I assume there are geological as well as topographical reasons why Amoco is directionally drilling this well as proposed. To supplement your request could you please state these reasons in a letter with the appropriate attachments prepared by a geologist and/or reservoir engineer. In this instance it would also help if you could send a proposed directional drilling schematic. Thanks.

Sincerely

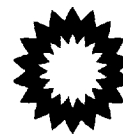
Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Aztec  
U. S. Bureau of Land Management - Farmington  
William F. Carr, Legal Counsel for Amoco Production Company - Santa Fe



108249673 NSL 4/11/01

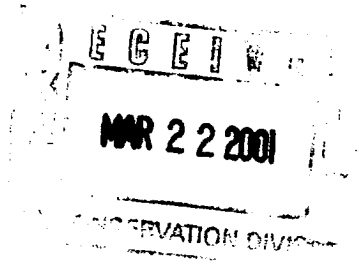
bp



**San Juan Business Unit**  
**Amoco Production Company**  
A Part of the BP Amoco Group  
501 WestLake Park Blvd.  
Houston, TX 77079-3092  
Phone: 281-366-4491

March 19, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, NM 87505



**Application For Non-Standard Well Location**  
**Elliott Gas Com Well No. 1M (30-045-30572)**  
**SHL: 2200' FNL, 980' FEL, Section 26-T30N-R09W**  
**BHL: 2200' FSL, 800' FEL, Section 26-T30N-R09W**  
**Basin Dakota Gas Pool**  
**San Juan County, New Mexico**

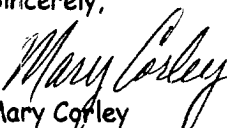
Amoco Production Company hereby requests administrative approval for an non-standard well location for the Elliott Gas Com well no. 1M to be drilled and completed in both the Basin Dakota and the Blanco Mesaverde Gas Pools and downhole commingled. The subject well will require a non-standard location exception for the Basin Dakota completion as the proposed bottom hole location does not conform to the Dakota location requirements that stipulate that a well be located no closer than 660' to any outer boundary of the quarter section on which the well is located. The proposed bottom hole location is 440' from the north quarter section line as shown on the attached Form C-102.

We respectfully request than administrative approval be granted for this Dakota location as stated above our intention is to completed in both the Dakota and Mesaverde Pools and downhole commingle. Application will be made to commingle the Mesaverde and Dakota via a separate application. The well is outside the well location window for the Dakota by being too close to the interior quarter section line thereby crowding our own spacing unit. Amoco is the only affected party. By completing the well at the proposed bottom hole location it conforms to Mesaverde spacing requirements, prevents waste in the Mesaverde, minimizes interference with other Mesaverde wells and allows maximum drainage and recovery of the Mesaverde resource.

Also attached for your reference is a 9 Section plat with the subject well and surrounding wells identified, a portion of a topographic map with the well identified, and a map indicating directions to the well location.

your attention to this matter is greatly appreciated. Should you have any questions concerning this application please do not hesitate to call me at 281-366-4491.

Sincerely,

  
Mary Corley  
Sr. Regulatory Analyst

cc: Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KK, Artesia, NM 87211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code <b>71599 &amp; 72319</b>		3 Pool Name <b>Basin Dakota &amp; Blanco Mesaverde</b>		
4 Property Code <b>000448</b>		5 Property Name <b>Elliott Gas Com H</b>			6 Well Number <b>1M</b>	
7 OGRID No. <b>000778</b>		8 Operator Name <b>AMOCO PRODUCTION COMPANY</b>			9 Elevation <b>5872</b>	

10 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>H</b>	<b>26</b>	<b>30 N</b>	<b>9 W</b>		<b>2200</b>	<b>NORTH</b>	<b>980</b>	<b>EAST</b>	<b>SAN JUAN</b>

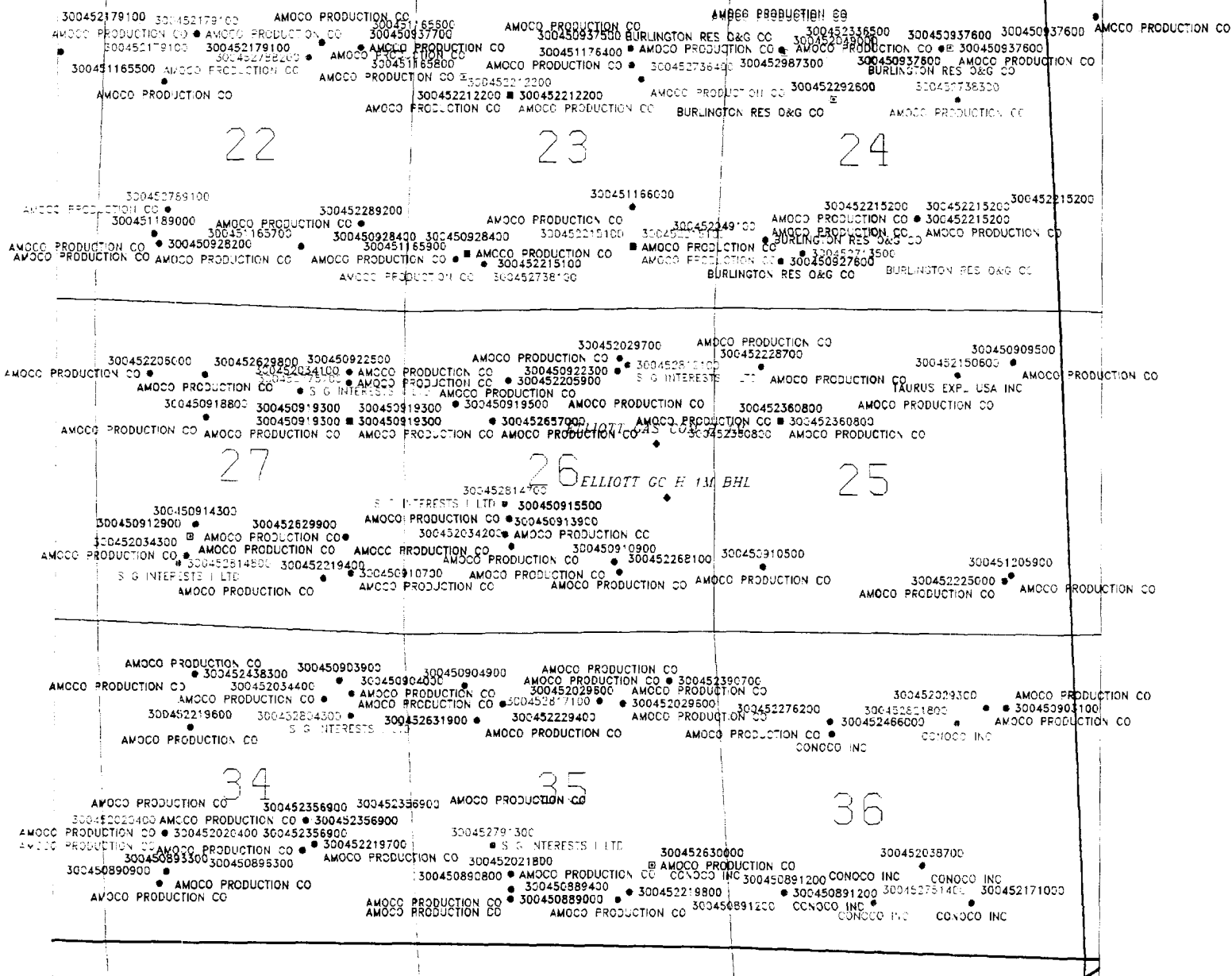
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>I</b>	<b>26</b>	<b>30 N</b>	<b>9 W</b>		<b>2200</b>	<b>SOUTH</b>	<b>800</b>	<b>EAST</b>	<b>SAN JUAN</b>

12 Dedicated Acres <b>320.00</b>	13 Joint or Infill	14 Consolidation Code	15 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

	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: <i>Mary Corley</i> Printed Name: <b>Mary Corley</b> Title: <b>Sr. Regulatory Analyst</b> Date: <b>02/22/2001</b>
	<b>18 SURVEYOR CERTIFICATION</b> 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.  Date of Survey: <b>January 5, 2001</b> Signature and Seal of Professional Surveyor: Certificate Number: <b>7016</b>



# Amoco Production Company

HOUSTON, TEXAS

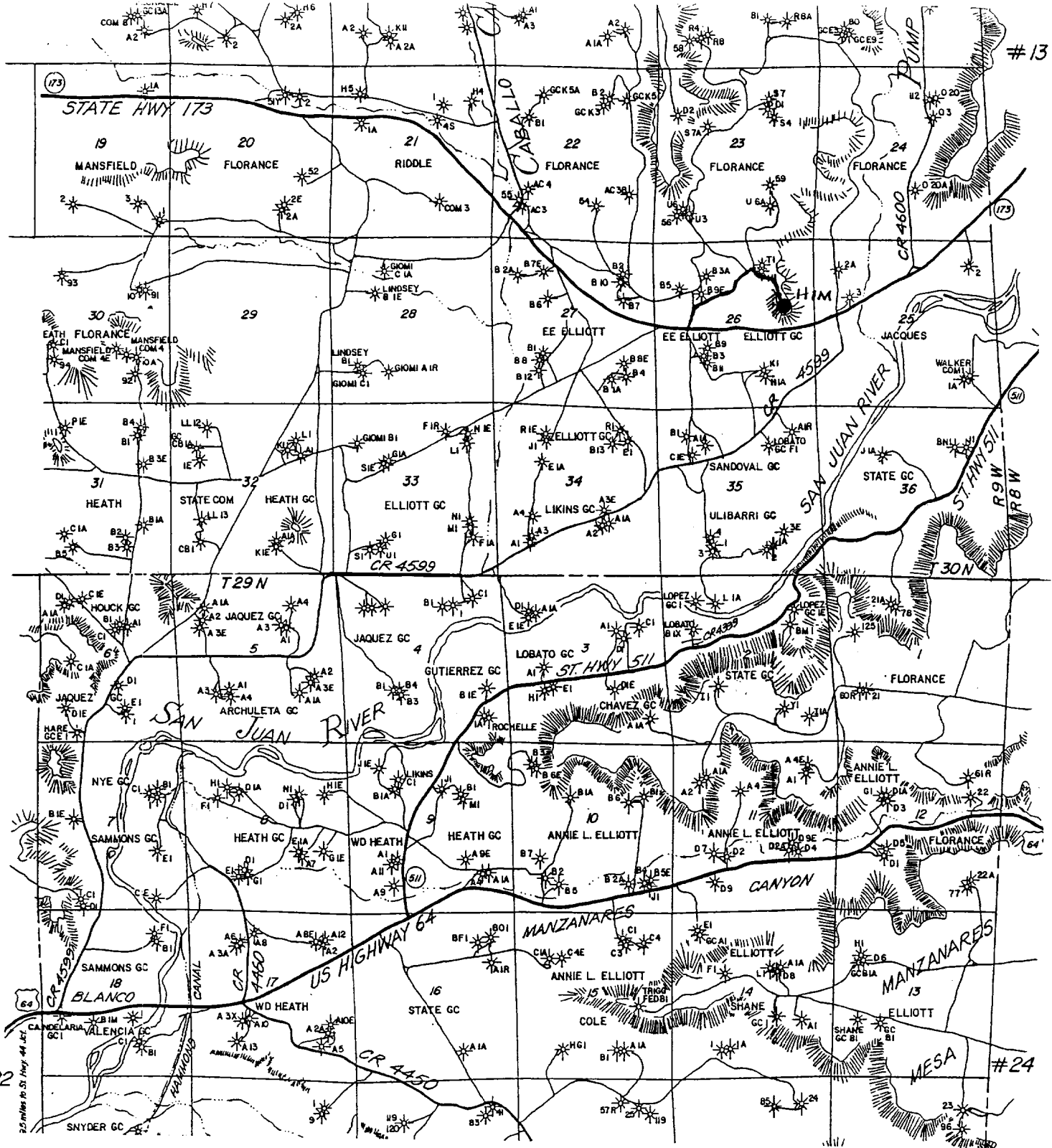
## 9 Section Plat

30N 9W Section 26

*Elliott Gas Com H 1M*

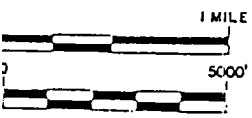
SCALE	DRAWN C. E. SACKETT	DATE 19-MAR-2001
DRAWING		

- DRYDR ACTIVE WELL
- DRYDR INACTIVE WELL
- MESARVERDE ACTIVE WELL
- MESARVERDE INACTIVE WELL
- PICTURED CLIFFS ACTIVE WELL
- PICTURED CLIFFS INACTIVE WELL



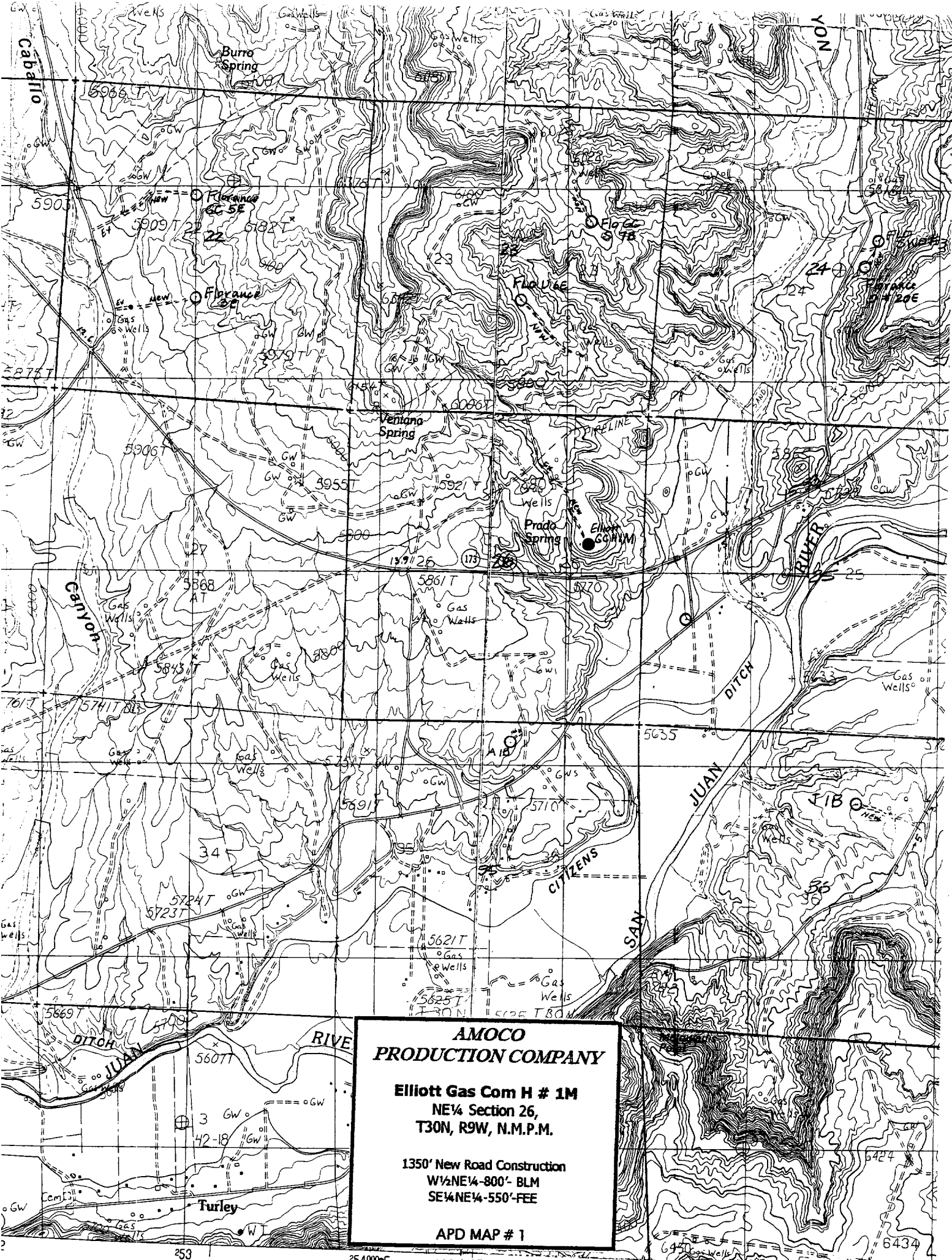
#13

#24



LAT: 36°47.0'  
LONG: 107°44.7'

AMOCO PRODUCTION COMPANY  
**Elliott Gas Com H # 1M**  
NE¼ Sec. 26, T30N, R9W, NMPM  
RAIL POINT:  
MUD POINT:



**AMOCO  
PRODUCTION COMPANY**

**Elliott Gas Com H # 1M**  
NE¼ Section 26,  
T30N, R9W, N.M.P.M.

1350' New Road Construction  
W½NE¼-800'-BLM  
SE¼NE¼-550'-FEE

APD MAP # 1

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address <b>Amoco Production Company</b> P. O. Box 3092 Houston, Texas 77253		<sup>2</sup> CORID Number 000778 <sup>3</sup> Well No. 1M
<sup>4</sup> Property Code 000448	<sup>5</sup> Property Name Elliott Gas Com H	<sup>6</sup> Well No. 1M

<sup>7</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
H	26	30N	09W		2200'	North	980'	East	San Juan

<sup>8</sup> Proposed 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
I	26	30N	09W		2200'	South	800'	East	San Juan
<sup>9</sup> Proposed Pool 1 Basin Dakota					<sup>10</sup> Proposed Pool 2 Blanco Mesaverde				

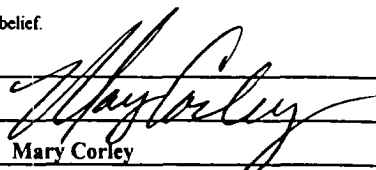
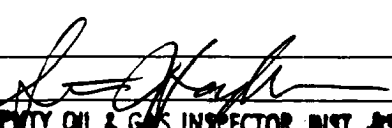
<sup>11</sup> Work Type Code N - New Drill	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary Rotary/Top Drive	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 5872'
<sup>16</sup> Multiple Downhole Commingle	<sup>17</sup> Proposed Depth 7274'	<sup>18</sup> Formation Dakota/Mesaverde	<sup>19</sup> Contractor Aztec	<sup>20</sup> Spud Date 4/15/2001

<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 1/4"	10 3/4"	40.5#	135'	120 SXS CLS G	Surface
9 7/8"	7 5/8"	26.4#	1990'	344 SXS G & 50/50	Surface
6 1/2"	5 1/2"	15.5#	6874'	547 SX Litecrete & 50/50	Surface
4 1/2"	4"	11#	7274'	23 SXS 50/50 POZ G	6774'

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.  
**OBJECTIVE: DIRECTIONAL DRILL.** Amoco Production Company respectfully request permission to drill the subject well to a total depth of approximately 7274', complete in the Basin Dakota Pool, produce the well for approximately 30 days to establish production rate, then add the Blanco Mesaverde Pool and commingle production downhole.

Application for downhole commingling authority (NMOC order R-11363) will be submitted to all appropriate parties for approval after production has been established in the Basin Dakota Pool and prior to completion of and downhole commingling with the Blanco Mesaverde.

For additional drilling and completion information please refer to the attachments.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: Mary Corley Title: Sr. Regulatory Analyst Date: 02/22/2001 Phone: 281-366-4491	<b>OIL CONSERVATION DIVISION</b> Approved by:  Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3 Approval Date: FEB 26 2001 Expiration Date: FEB 26 2002 Conditions of Approval: Attached
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HOLD C104 FOR Directional survey  
well in Dakota