

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-013
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" For such proposals

5 Lease Designation and Serial No

Cont 151

6 If Indian, Allottee or Tribe Name

Jicarilla Apache

7 If unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

Conoco Inc.

3 Address and Telephone

10 Desta Drive, Suite 649W, Midland, Texas 915-686-5794

4 Location of Well (Footage, Sec., T. R. M. or Survey Description)

670' FNL & 1810' FEL
Section 3, T26N, R5W

8 Well Name and No.

AXI Apache K 1B

9 API Well No.

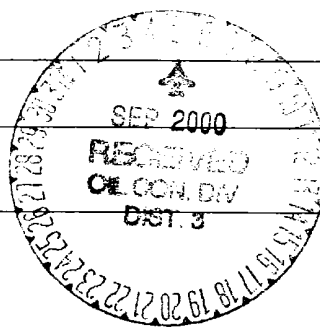
30-039-26486

10 Field and Pool, or Exploratory Area

Mesavado

11 County or Parish, State

Rio Arriba, NM



12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Location Change

- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well)

(Completion or Recompletion Report and Log form)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measure true vertical depths for all markers and zones pertinent to this work)

Conoco Inc. proposes to change the location of this well due to the originally approved location creating an unsafe situation with the existing Amoco Jicarilla 151 #8E producing well that is located on the same well pad. Attached you will find the revised C-102, well plan, cementing plan and associated miscellaneous information.

14 I hereby certify that the foregoing is true and correct

Signed

M. L. March

Title Sr. Right-of-Way Agent

Date August 9, 2000

15 (This space for Federal or State office use)

Approved by
Conditions of approval if any

Surface steps new - sun dry some

Title

Date

8-31-2000

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

✓

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

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

*API Number		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 003133	*Property Name AXI APACHE K		*Well Number 1B
*GRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6706

¹⁰ Surface Location

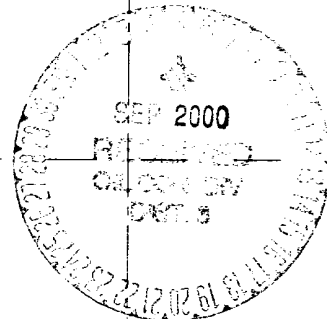
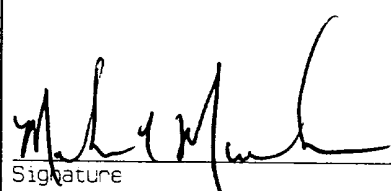

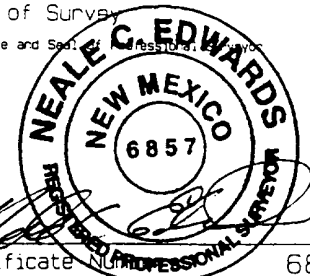
UL or lot no. B	Section 3	Township 26N	Range 5W	Lot Idn	Feet from the 670	North/South line NORTH	Feet from the 1810	East/West line EAST	County RIO ARriba
--------------------	--------------	-----------------	-------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------------

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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

¹² Dedicated Acres 319.80	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

¹⁶ LOT 4 LOT 3 LOT 2 LOT 1 5280.00' 670' 1810' 1316.70' 1320.00' 2640.00' 5273.40'		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Mike L. Markin Printed Name Right-of-Way Agent Title 8/4/00 Date
		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 belief. AUGUST 4, 2000 Date of Survey  Signature and Seal of Professional Surveyor  Certificate No. 6857

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

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

*API Number		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 003133	*Property Name AXI APACHE K		*Well Number 18
*OGRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6706'

¹⁰ Surface Location

UL or lot no. B	Section 3	Township 26N	Range 5W	Lot Idn	Feet from the 670	North/South line NORTH	Feet from the 1810	East/West line EAST	County RIO ARriba
--------------------	--------------	-----------------	-------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------------

¹¹ Bottom Hole Location If Different From Surface

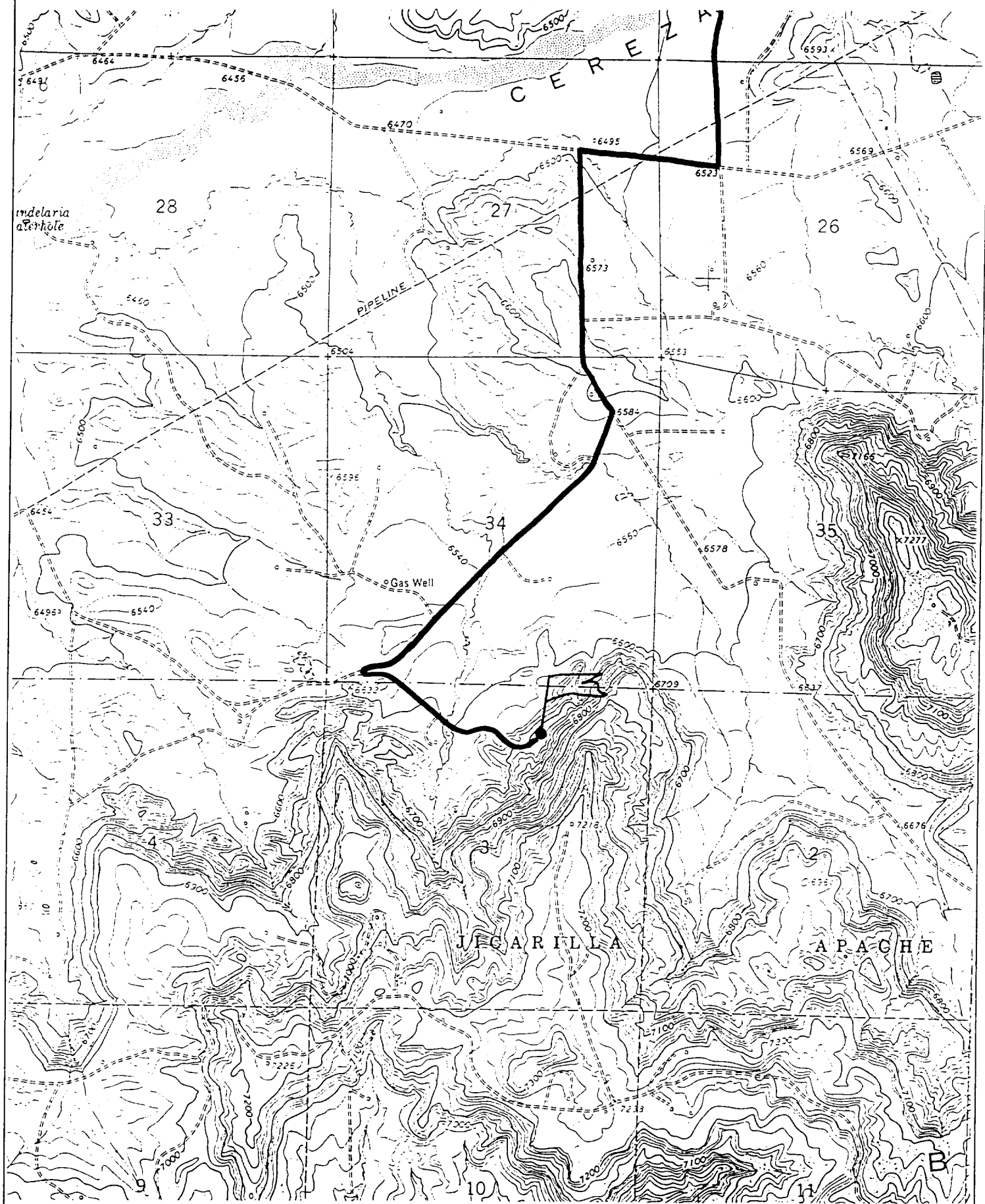
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

¹² Dedicated Acres 319.80	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

¹⁶		¹⁷ OPERATOR CERTIFICATION	
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
		Signature Mike L. Mankin	
		Printed Name Right-of-Way Agent	
		Title	
		Date	
		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 belief.	
		NOVEMBER 16, 1999	
		Date of Survey	
		Signature and Seal of Professional Surveyor	
		PRELIMINARY	
		Certificate Number 6857	

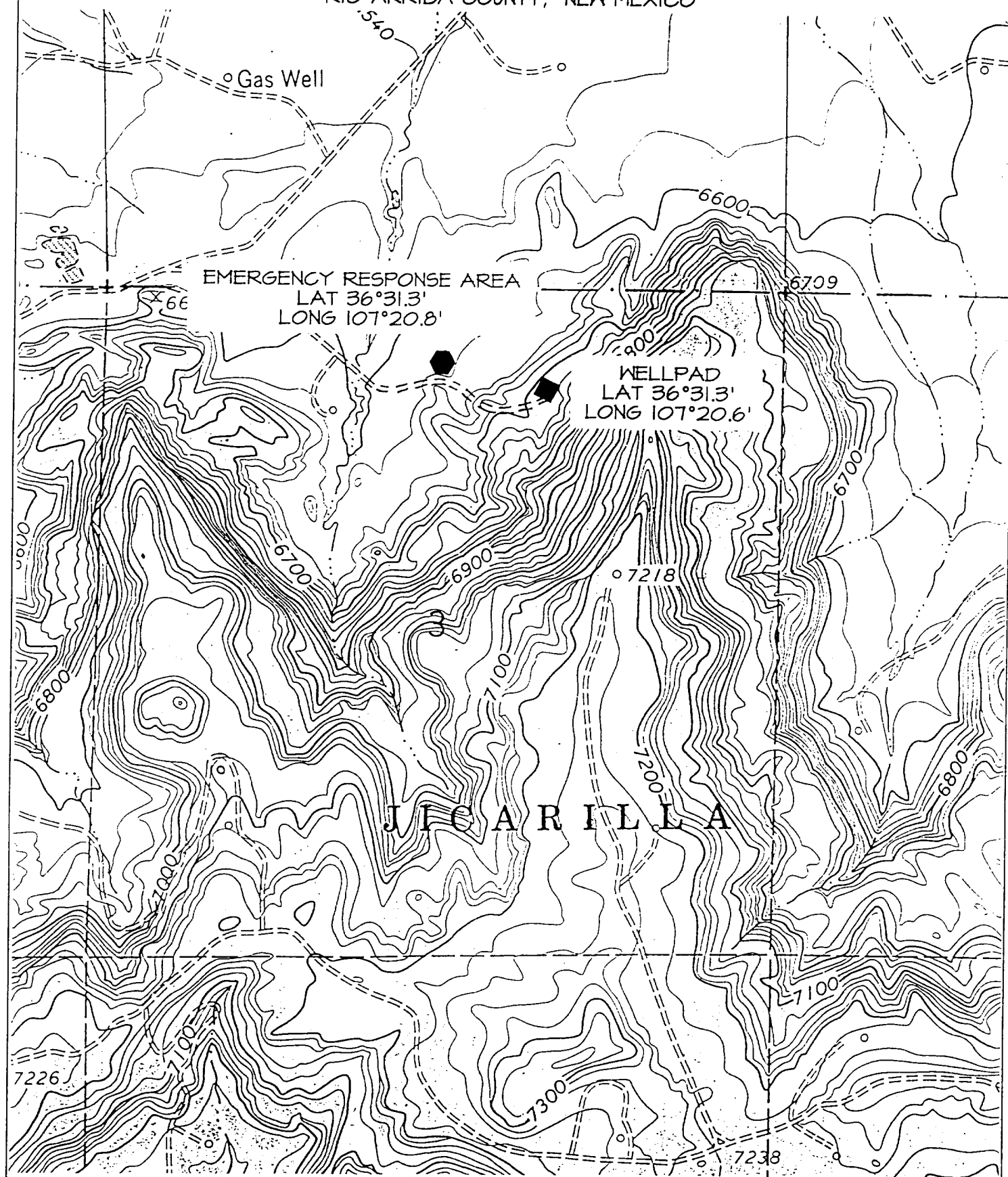
670' FNL & 1810' FEL, SECTION 3, T26N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO



EMERGENCY RESPONSE AREA

CONOCO, INC. AXI APACHE K #1B

670' FNL & 1810' FEL, SECTION 3, T26N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO



At Conoco our work is never so urgent or important that we cannot take time to do it safely.

SAN JUAN DRILLING PROGRAM

WELL INFO	Well: AXI Apache K 1B		Area: Jicarilla		AFE # (MV)		AFE \$:	
	County: Rio Arriba		State: NM		Rig: Key 43		RKB-GL: 12	
	API #		Permit #		Fresh Wtr Prot: Circulate cement on surface casing			
	MD: 5852'		TVD: 5852'		KOP: N/A		G.L. Elev: 6706'	
	Co-ordinates:	WELL	Latitude: 36°31.18'	Longitude: 107°20.35'	ERA	Latitude: 36°31.3'	Longitude: 107°20.8'	
	Location:	670' FNL 1810' FEL Section 3, Unit Letter B, T26N, R5W, Rio Arriba County, NM						
	Directional:	N/A						

DISCUSSION	THIS WELL IS TO BE DRILLED WITH SAFETY AND PROTECTION OF THE ENVIRONMENT AS THE PRIMARY OBJECTIVES! Use of the STOP program, Job Safety Analysis and Pre-Job Safety Meetings are imperative.									
	<u>IT IS THE DRILLING REPRESENTATIVES RESPONSIBILITY TO READ AND FOLLOW ALL STIPULATIONS FOR EACH PERMIT AND ENSURE COMPLIANCE</u>									
	REGULATORY NOTIFICATIONS									
	Notify the U.S. Bureau of Land Management:									
	1. Anytime a major deviation from the well plan (plug back, sidetrack, etc...) is going to occur. Leave a message with the intended plan if no one answers. If in doubt notify! Better to notify unnecessarily than not to and get a fine.									
	2. Immediately upon spudding									
	3. Fax reports to Houston office. Houston will fax them to Trigon Engineering Inc. Fax (970) 385-9107, attention Debra Sittner. Call her at (970) 385-9100, ext. 25 or Verla Johnson @ ext. 20. Make verbal notification to BLM and/or NMOCD 24 hours prior to any BOP or casing pressure test.									
	4. 24 hours prior to any cementing operation									
	PHONE NUMBERS									
	BLM – Farmington: (505) 599-8907									
BLM – Albuquerque: (505) 761-8700										
New Mexico Oil Conservation Department: (505) 334-6178										
NOTE – Permits come from either the Farmington OR Albuquerque depending upon the area. Refer to the permit for the correct number to call.										
Review Emergency Response Plan before rigging up and be prepared to execute the plan if needed!										
The objective of this well is to develop the Mesa Verde (MV) geologic horizons.										
Take deviation surveys every 500' except unless drilling with and air hammer. When drilling with an air hammer, a directional survey is required at TD to be run inside casing.										
Good oilfield practices are to be used throughout the drilling of this well. This includes measuring and recording the OD, ID and length of everything that goes through the rotary table, using hole covers, etc.										

TIME	Days From Spud to...							
	Surf Csg Pt	Drig Out	Int. Csg Pt	Drig Out	TD	Log	Prod Csg Set	Rig Rel.
	Days	0.5	1.0	3.5	4.0	7.0	N/A	7.5

FORMATIONS	Zone	Depth (TVD)	MW	Zone psi	Hole Size	Csg Size	FIT / LOT	Remarks
	Surface Casing	+/- 250	8.4 – 8.8		12 1/4"	9 5/8"		Severe lost circulation is possible. 9 5/8", 32.5 ppf, J-55, STC Casing. Cement to surface.
	OJAM	2845	8.4 – 9.0		8 3/4"			Possible water flows. May need to control fluid loss (10-12 cc) prior to reaching Ojo Alamo.
	KRLD/FRLD	2994						Possible Gas
	PCCF	3385						Possible Gas. Possible last circulation and differential sticking.
	LEWS	3547						
	INT CSG	3685				7"		7", 20 ppf, J-55, STC Casing. Cement to surface.
	CHRA	4325	Air		6 1/4"			Possible Gas.
	CLFH	5046		575				Gas
	MENF	5163						Gas
	PTLK	5552						Gas
	TD (PTLK +300)	5852						
	Permit TD (TD +300)	6162				4 1/2"		4 1/2", 10.5 ppf, J-55, STC Casing. Cement to surface.

LOGS	Intermediate Logs:	N/A
	TD Logs:	Cased hole pulsed neutron log with GR to surface. (Open hole GR-SP-CAL-NEUT/DEN-ML possible if shows dictate - one run in hole) Possible temperature survey after 4.5" cement job to verify TOC (consult with the Production Engineer).
	Additional Information:	Loggers to provide a sketch with all lengths, OD's & ID's of all tools prior to running in the hole.

Well: AXI Apache K 1 B
County: San Juan
Area: Jicarilla
Rig: Key Rig 43

Company: Conoco, Inc.
Engineer: Mr. Brett W. Thompson
Date: 16-May-00

Surface Casing:

125 sx Type III Cement + 2%bwoc Calcium Chloride + 0.25 lbs/sk Cello Flake + 59.2% H2O

Slurry Weight:	14.6	ppg
Slurry Yield	1.39	cf/sk
Amount of Mix Water	6.67	gps
Pump Time	2:00	
Compressives		
8 hrs @ 80 F	800	psi
24 hrs @ 80 F	2150	psi
48 hrs @ 80 F	3625	psi

Intermediate Casing:

Slurry 1 499 sx Premium Lite Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sc Cello Flake + 8% bwoc Bentonite + 115.5% H2O

Slurry 2 57 sx Type III Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sk Cello Flake + 59.2% H2O

Slurry 1			Slurry 2		
Slurry Weight:	12.1	ppg	Slurry Weight:	14.6	ppg
Slurry Yield	2.23	cf/sk	Slurry Yield	1.39	cf/sk
Amount of Mix Water	12.05	gps	Amount of Mix Water	6.67	gps
Pump Time	3:00		Pump Time	2:00	
Compressives			Compressives		
8 hrs @ 80 F		psi	8 hrs @ 80 F	800	psi
24 hrs @ 80 F	250	psi	24 hrs @ 80 F	2150	psi
48 hrs @ 80 F	525	psi	48 hrs @ 80 F	3625	psi

Production Casing:

244 sx Premium Lite High Strength + 0.25 lbs/sk Cello Flake + .2% bwoc CD-32 + 0.65% bwoc FL-62 + 105.4% H2O

Slurry Weight:	12.5	ppg
Slurry Yield	2.01	cf/sk
Amount of Mix Water	10.84	gps
Pump Time	3:00	
Compressives		
8 hrs @ 140 F		psi
24 hrs @ 140 F	1600	psi
48 hrs @ 140 F	2000	psi