3	)							
•	2Submit 3 Copies To Appropriate Dis Office	strict	State Energy, Minera	of New Me			Form C- Revised June 10,	
•	District I 1625 N. French Dr., Hobbs, NM 8824 District II	10				WELL API NO. 30.015.01650	NOVISCU JUNO 10,	, 2003
	1301 W. Grand Ave., Artesia, NM 88 District III		OIL CONSE 1220 So	RVATION uth St. Fran		5. Indicate Type STATE		
	1000 Rio Brazos Rd., Aztec, NM 874 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		Santa	Fe, NM 87	7505	6. State Oil & G		
		ROPOS		EEPEN OR PLU	JG BACK TO A	EMPIRE ABO U		me
	1. Type of Well: Oil Well Gas Well		Other	329303	1-12345	8. Well Number 23		
	2. Name of Operator BP AMERICA PRODUCTIO	N CO	MPANY	(§) S	EP 2000	9. OGRID Num	ber	
	3. Address of Operator P.O. BOX 1089 EUNICE, NN	A 882	31	ID Dr.	CEIVED 1011 ARTESIA N	10. Pool nar ABO	me or Wildcat	
	4. Well Location			1-2	$\omega'$			
	Unit Letter	:_	1650'_feet from t	he <b>\\$</b> ∠> li	ine and 1938.35_	feet from theE_	line	
	Section 31	S 769	Township 11. Elevation (Show		Range 28E	NMPM EI	ODY County	
			11. Elevation (Snow	whether DA,	. IMD, III, OII, etc.,			
		F IN	ppropriate Box to FENTION TO: PLUG AND ABAND			SEQUENT RE		<b>-</b> □
	TEMPORARILY ABANDON		CHANGE PLANS		COMMENCE DRI	LLING OPNS.	PLUG AND ABANDONMENT	
	PULL OR ALTER CASING		MULTIPLE COMPLETION		CASING TEST AN CEMENT JOB	ND 🗆	, is, and ordinary	
	OTHER:				OTHER:			
•	<ol> <li>Describe proposed or of starting any propose or recompletion.</li> <li>6094' PB: 6063' CSG: 1</li> <li>MIRU PULLING UN</li> <li>POOH W/ 2 3/8" TBC</li> <li>CIRCULATE 9.5# KC</li> <li>PUH SPOT 25 SX CN</li> <li>PUH SPOT 25 SX CN</li> </ol>	ed wor 5 ½" IT NE G RIH CL MU MT AC	PERFS: 5613'-5787 WH NU BOP AND SET CIBP @ 5 JD CROSS GLORIETA 3 CROSS 8 5/8" CSG S	TOC- CIRC 5563' SPOT 2 3425'-3525' V HOE FROM	le Completions: At ULATE TO SURF  S CMT  WOC AND TAG 1288'-1188' WOC	tach wellbore diag	tes, including estimate ram of proposed comp	ed date
	<ul> <li>6. PUH SPOT 25 SX CM</li> <li>7. PUH SPOT 10 SX CM</li> <li>8. WOC 24 HRS AND TO</li> <li>9. CUT OFF WELL HE.</li> <li>10.</li> </ul>	AT FR AG AD A	OM 60' TO SURFA	CE AN LOCATI	ON RD Notify O	CD 24 hrs. prior to	any work done	
	hereby certify that the inform	ation a	bove is true and com	•				
5	SIGNATURE () Im 12	eril	<i>,</i>	TITLE_W	ells Team Lead	DATE_	_8/27/2003_	

(This space for State use)

Jim Piere

Type or print name

E-mail address:

APPPROVED BY\_ Conditions of approval, if any:

DATE

## **WELLBORE SCHEMATIC**

10 SX CMT 60' TO SURF.

25 sx cmt across yates 270' - 370'

8-5/8" casing @ 1238. Cmt Circulated to surface



100' plug across csg shoe

25 sx cmt across glorieta 3425' - 3525'

35' CMT PLUG

CIBP @ 5563'

Perfs @ 5613' - 5787'

TD @ 6094'

PBD @ 6063'

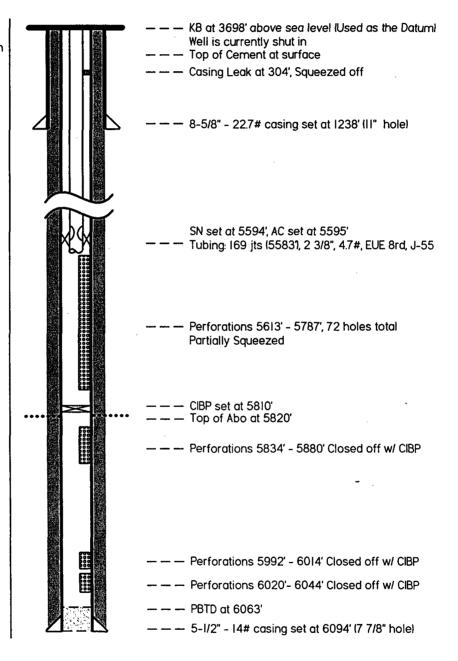
5-1/2" csg @ 6094' CIRCULATED TO SURFACE

## PLUGGING PROCEDURE EAU G - 23

- 1. MIRU PULLING UNIT ND WH NU BOP
- 2. POOH W/ 2 3/8" TBG RIH SET CIBP @ 5563'
- 3. SPOT 35' CMT ON TOP OF CIBP TEST CSG TO 300#
- 4. CIRCULATE 9.5 KCL MUD
- 5. PULL UP HOLE AND SPOT 25 SX CMT ACROSS GLORIETA 3425'- 3525'
- 6. WOC RIH AND TAG TOP OF PLUG
- 7. PUH AND SPOT 25 SX CMT ACROSS 8 5/8" CSG SHOE @ 1288'-1188'
- 8. WOC TAG TOP OF PLUG
- 9. PUH SPOT 25 SX CMT ACROSS YATES @ 370'-270
- 10. WOC TAG TOP OF PLUG
- 11. PUH AND SPOT 10SX CMT FROM 60' TO SURFACE
- 12. WOC 24 HRS AND TAG
- 13. CUT OFF WELL HEAD AND ACHORS CLEAN LOCATION RD

## Empire Abo Unit "G" 23

Potential Perforation Zones



Well No. G-23

Type of Well

X Oil Gas Other

Well API No.

30-015-01650

Lease Name

Empire Abo Unit "G"

Type of Lease

X	State
	Fee

Well Location	1650 ft	From South Line	A STATE
Section: 3	1 Township	17S Range	

1958.35	ft From Ea	ast Line
28E	County:	EddV

Elevation	3698		
Top of Abo	2122	ft below see level	
Total Depth	6094	ft	
PBTD	6063	ft	
KB	111	ft above GL	
Datum	KB	(All depths based on KB)	

Tubing				
# of Jts	169 (5583')			
Size	2 3/8"			
Weight	4.7#			
Thread	EUE 8rd			
Class	J-55 €			

Well Status			
Flowing well			
	Pumping wel		
X Shut in			

CASINGS						
string #	Hole sz.	Depth	Casing Dmtr.	wght.		
1		1238 ft	8.625 in	22.7#		
2	<b>47 7/8</b> "	6094 ft	5:5 in	14#		
	× : : : : : : : : : : : : : : : : : : :	1948 1948 - 1948 - 1948 1948 - 1948 - 1948				
	× 10 0					

	OTHER EQUIPMENT (BPs, ETC)						
Name	Depth	Casing Dmtr.	Notes				
TOC	surface ft	5.5 in					
CIBP	5810 ft	5.5 in					
SN	5594 ft	5.5 in					
AC	5595 ft	5.5 in					

Pay ∠one			_
Top of Abo	5820 ft	to	
Top of Abo	ft	Reported	ſ

Bottom of Well	> 6063 - ft 5

		PERFORATI	ONS	
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments
5992 ft	6014 ft	2	3/13/1960	Closed 4/24/92
6020 ft	6044 ft	2	3/13/1960	Closed 4/24/92
5834 ft	5880 ft	2	3/13/1960	Closed 4/24/92
304 ft		Casing Leak	disc. 1/12/00	Squeezed 1/12/00
4318 ft		Casing Leak	disc. 1/12/00	Squeezed 1/12/00
5613 ft	5787 ft	3 (72 holes)	???	partially squeezed 4/5/00

## COMMENTS

The surface casing was moving during the 1992 workover. This well has been perforated in the green shale above the top of the abo. There are no further opportunities to perforate.