

AMERADA HESS CORPORATION

P. O. BOX D
MONUMENT, NM 88265-0052
505-393-2144

September 21, 1994
ADMINISTRATIVE APPLICATION FOR
AN UNORTHODOX LOCATION
NORTH BELL LAKE
WILDCAT ELLENBURGER GAS POOL
NORTH BELL LAKE FEDERAL #2
1100' FSL & 1500' FWL
SECTION 5, T - 23S, R - 34E
LEA COUNTY, NEW MEXICO

STATE OF NEW MEXICO
ENERGY, MINERAL AND NATURAL RESOURCES DEPT.
OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504
ATTENTION: MR. WILLIAM J. LEMAY

SEP 30 1994

Mr. Lemay:

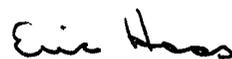
Amerada Hess Corporation requests your approval of our administrative application for an unorthodox location for the well referenced above. AHC has planned to drill and complete the North Bell Lake Federal #2 at the referenced location, dedicated to a 320 acre proration unit. The well will be unorthodox by virtue of being less than the required 330 feet from a quarter-quarter section line and less than 1980' from the nearest end boundary. The standard location was deemed incompatible with our internal geologic interpretations.

The nearest completion, the Conoco Bell Lake Unit #6 is 3,480' west of the proposed location. The proposed location is anticipated to remain high side to the Bell Lake North trapping fault and 125 feet updip of the Bell Lake Unit #6 at the top of the Devonian. In order to optimize production, avoid waste in the Devonian reservoir, and minimize the likelihood of crossing the fault, AHC placed this well along Seismic Line TXCO-3766-DBP-12. The proposed location is approximately 750 feet west of the fault, which trends in a northwest direction in Section 5. The standard location, north of the proposed location, would be located only 300 feet from the fault, and, would be off the seismic control of 750 feet. In addition, the Devonian reservoir is a strong water drive, as evidenced by the increasing water cut in the Bell Lake Unit #6 well. The proposed location will provide the optimum site to gain structural elevation to recover attic reserves, relative to the Bell Lake Unit #6. Furthermore, Amerada Hess Corporation has estimated an additional recovery of 10-15 BCF of Devonian gas, for the proposed well.

Conoco Inc., operator of the North Bell Lake Unit, is the sole direct offset operator and has signed the attached Waiver to Objection for the proposed location. A map depicting offset ownership and a plat of the subject well and proration unit are attached. In addition, a copy of this application has been forwarded to Jerry Sexton, Hobbs NMOCD Director.

Amerada Hess Corporation requests that the information contained in this application be held confidential for the maximum allowed period through and following completion of the North Bell Lake Federal #2, due to the interpretative nature of our exploration geology.

Yours very truly,



E. J. Haas
Sr. Production Foreman

XC: R. L. Williams
H. Hansen (Houston)
M. Jumper (Houston)
M. Price (Houston)
B. West (Houston)
File

Amerada Hess Corporation
North Bell Lake Federal #2

Application For Unorthodox Gas Well Location
North Bell Lake
Wildcat Ellenburger Gas Pool
1100' FSL and 1500' FWL
Section 5, T-23S, R-34E
Lea County, New Mexico

WAIVER TO OBJECTION

We, the undersigned, as an offset operator, waive any objection to Amerada Hess Corporation's application for NMOCD approval of an unorthodox gas well location in the North Bell Lake Ellenburger Gas Pool. The proposed well will be located 1100' FSL and 1500' FWL, Section 5, Township 23 South, Range 34 East, NMPM, Lea County, New Mexico. We further understand that the 320 acre proration unit will consist of the West half of Section 5, T-23S, R-34E.

Company: CONOCO INC.
Representative: Michael J. Johnson
Signature: [Handwritten Signature]
Date: September 21, 1994

Post-It™ brand fax transmittal memo 7671		# of pages ▶
To	<u>ERIC HAUS</u>	<u>1</u>
From	<u>M. Johnson</u>	
Co.	<u>AHC</u>	
Co.	<u>CONOCO</u>	<u>5327</u>
Dept.		
Phone	<u>915-686-5596</u>	
Fax #	<u>915-686-5596</u>	

Amerada Hess Corporation
North Bell Lake Federal #2

Application for Unorthodox Gas Well Location
North Bell Lake
Wildcat Ellenburger Gas Pool
1100' FSL and 1500' FWL
Section 5, T23S, R-34E
Lea County, New Mexico

\ Conoco Inc.
10 Desta Drive
Suite 100 W
Midland, Texas 79705-4500

Attn: Mike Johnson

State Of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Commission
P.O. Box 1980
Hobbs, New Mexico 88240

Attn: Jerry Sexton

District I
 PO Box 1920, Hobbs, NM 87411-1920
 District II
 PO Drawer DD, Artesia, NM 87011-0719
 District III
 1800 Rio Grande Blvd., Alamogordo, NM 87108
 District IV
 PO Box 1000, Santa Fe, NM 87506-1000

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 10, 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

* AP Number		* Pool Code		* Pool Name ELLENBURGER (WILDCAT)	
* Property Code		* Property Name North Bell Lake		* Well Number 2	
* OCKID No. 000495		* Operator Name Amerada Hess Corporation		* Elevation 3442.7	

10 Surface Location

TL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
N	5	23 S	34 E		1100	SOUTH	1500	WEST	LEA

11 Bottom Hole Location If Different From Surface

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

* Dedicated Acres 320	* Joint or Laid N	* Consolidation Code P	* Order No.
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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>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Ken White</i> Signature KEN WHITE Printed Name SUPVSR DRILG SVS Title 08-06-94 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was placed from field notes of a well survey made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JULY 6, 1994 Date of Survey <i>Mark D. King</i> Signature and Seal of Professional Surveyor 6541 Certificate Number</p>



BELL LAKE NORTH PROSPECT
LEA CO., NEW MEXICO

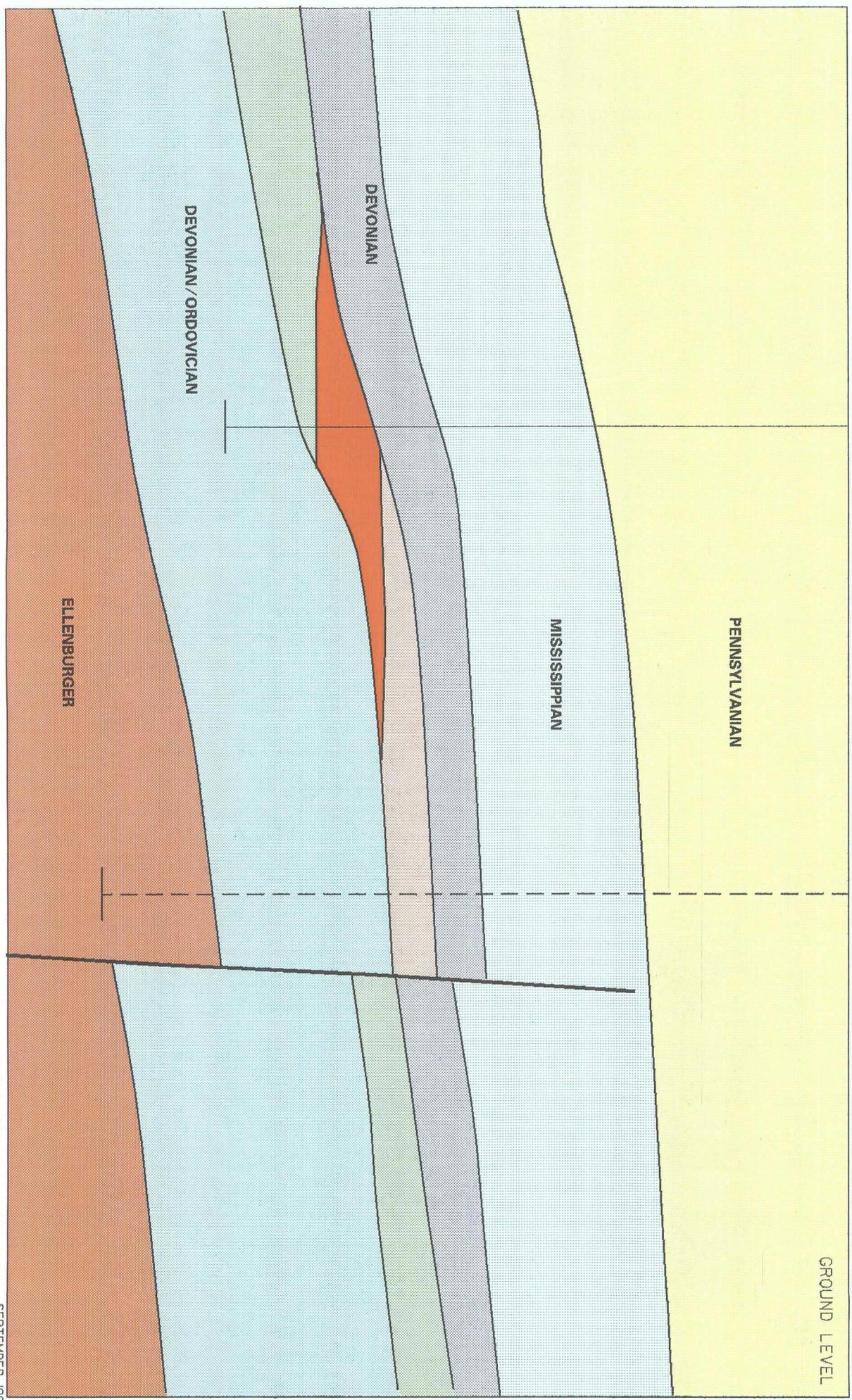
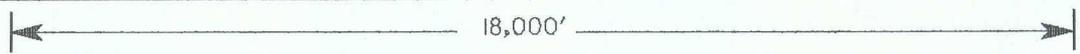
ONSHORE EXPLORATION
- NORTH AREA

A

CONTINENTAL
BELL LAKE No. 6

AHC
BELL LAKE No. 2

A'

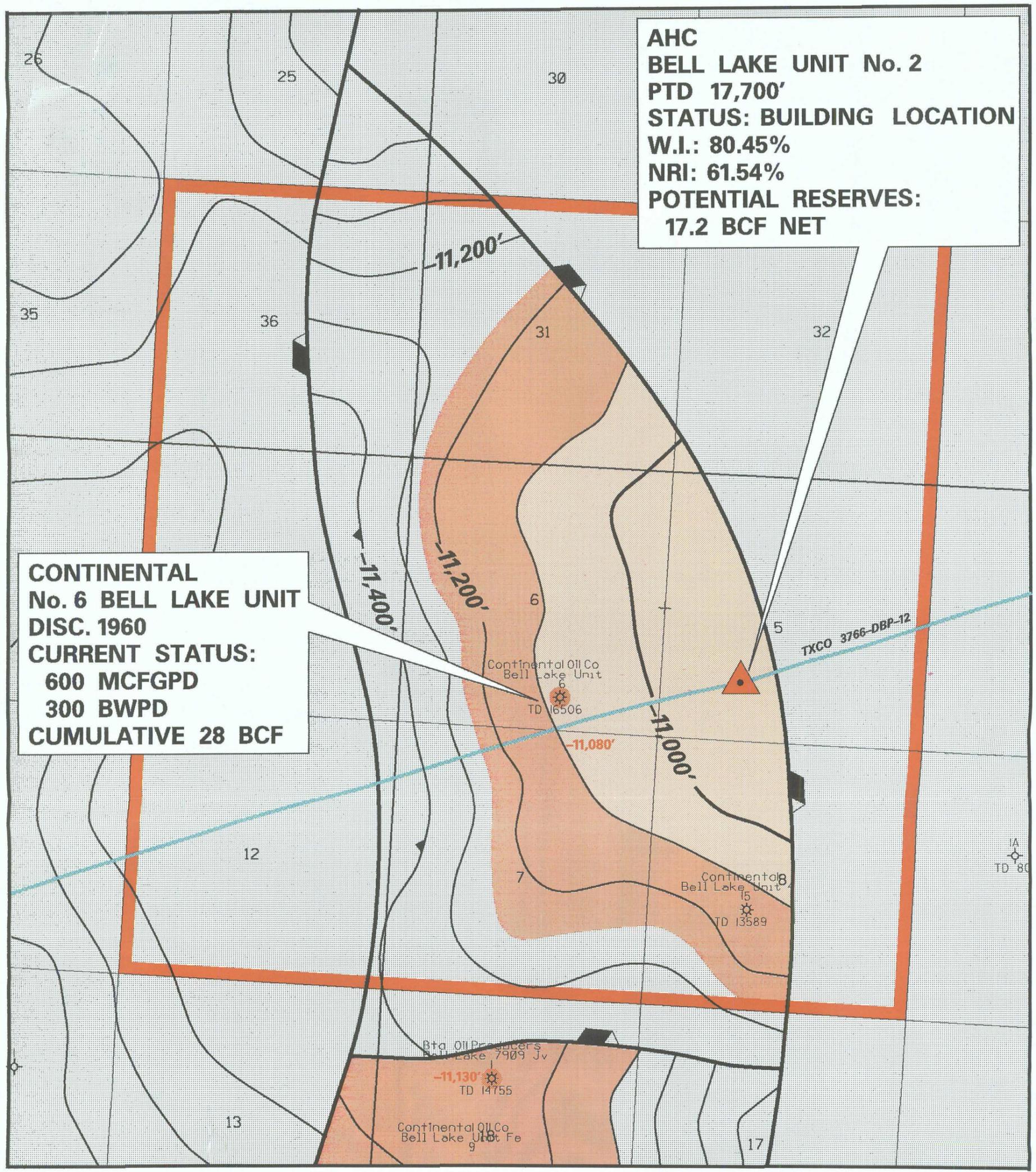


CONFIDENTIAL

SEPTEMBER, 1994
N941903HM.PLT

AHC
BELL LAKE UNIT No. 2
PTD 17,700'
STATUS: BUILDING LOCATION
W.I.: 80.45%
NRI: 61.54%
POTENTIAL RESERVES:
17.2 BCF NET

CONTINENTAL
No. 6 BELL LAKE UNIT
DISC. 1960
CURRENT STATUS:
600 MCFGPD
300 BHPD
CUMULATIVE 28 BCF



LEGEND

-  DRILLING WELL
-  DEVONIAN PRODUCER
-  DEVONIAN PENETRATION P&A
-  PROVED PRODUCING
-  POTENTIAL
-  BELL LAKE UNIT

AMERADA HESS CORPORATION

U.S. ONSHORE EXPLORATION

BELL LAKE NORTH

LEE COUNTY, NEW MEXICO

DEVONIAN STRUCTURE



Geologist:	Date: SEPTEMBER 1994
Geophysicist: J. McCARTHY	Document No.:
Landman:	Copy No.:

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