

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

SEP 21 '94 07:10AM AMERADA HESS CORP

P.2/3

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
~~Los 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: Michael J. Johnson
Date: September 21, 1994

Post-It™ brand fax transmittal memo 7671		# of pages
To	Eric Haus	1
From	M. Johnson	
Co.	AHC	
Co.	CONOCO	
Dept.		
Phone	915-686-5596	
Fax #	915-686-5596	

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

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

10 Surface Location

TL or lot no.	Section	Township	Range	Lot 14a	Feet from the	North/South line	Feet from the	East/West line	County
N	5	23 S	34 E		1100	SOUTH	1500	WEST	LEA

" Bottom Hole Location If Different From Surface

TL or BL No.	Section	Township	Range	Lot 166	Feet from the	North/South Line	Feet from the	East/West Line	County
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" Deduction Add per	" Joint or Refd	" Consolidation Code	" Order No.
320	N	P	

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>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 style="text-align: right;"><i>Ken White</i></p> <hr/> <p>Signature for _____</p> <p>KEN WHITE</p> <hr/> <p>Printed Name _____</p> <p>SUPVSR DRLG SVS</p> <hr/> <p>Title _____</p> <p>08-06-94</p> <hr/> <p>Date _____</p> <p>"SURVEYOR CERTIFICATION"</p> <p>I hereby certify that the well location shown on this plan 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 style="text-align: center;">JULY 6, 1994</p> <hr/> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor:</p> <p style="text-align: right;"><i>Albert R. King</i></p> <hr/> <p style="text-align: right;">6541</p> <hr/> <p>Certificate Number _____</p>
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BELL LAKE NORTH PROSPECT

LEA CO., NEW MEXICO

ONSHORE EXPLORATION
- NORTH AREA

A

CONTINENTAL
BELL LAKE NO. 6

AHC
BELL LAKE NO. 2

3,300'



3,500'

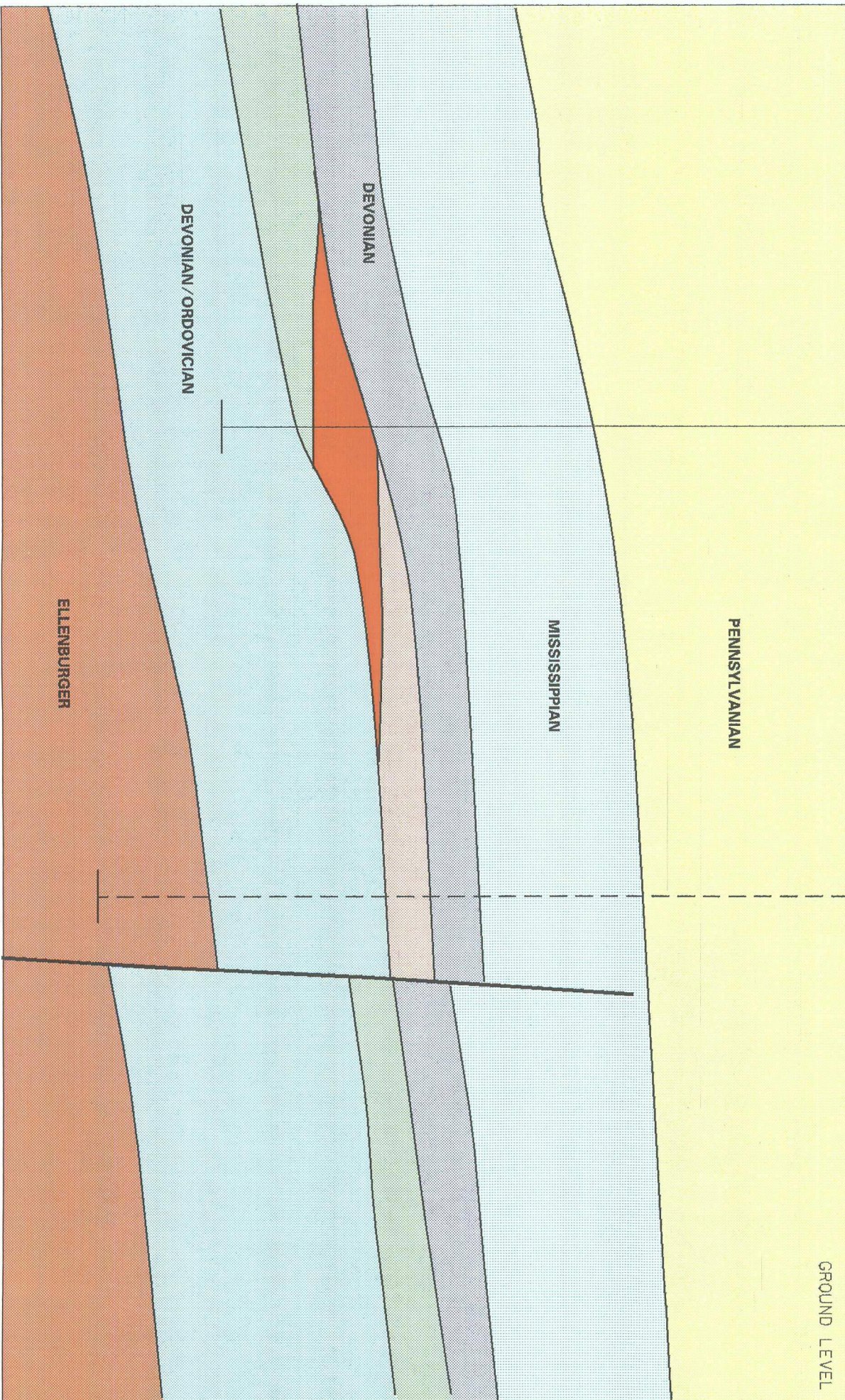


3,700'

A'

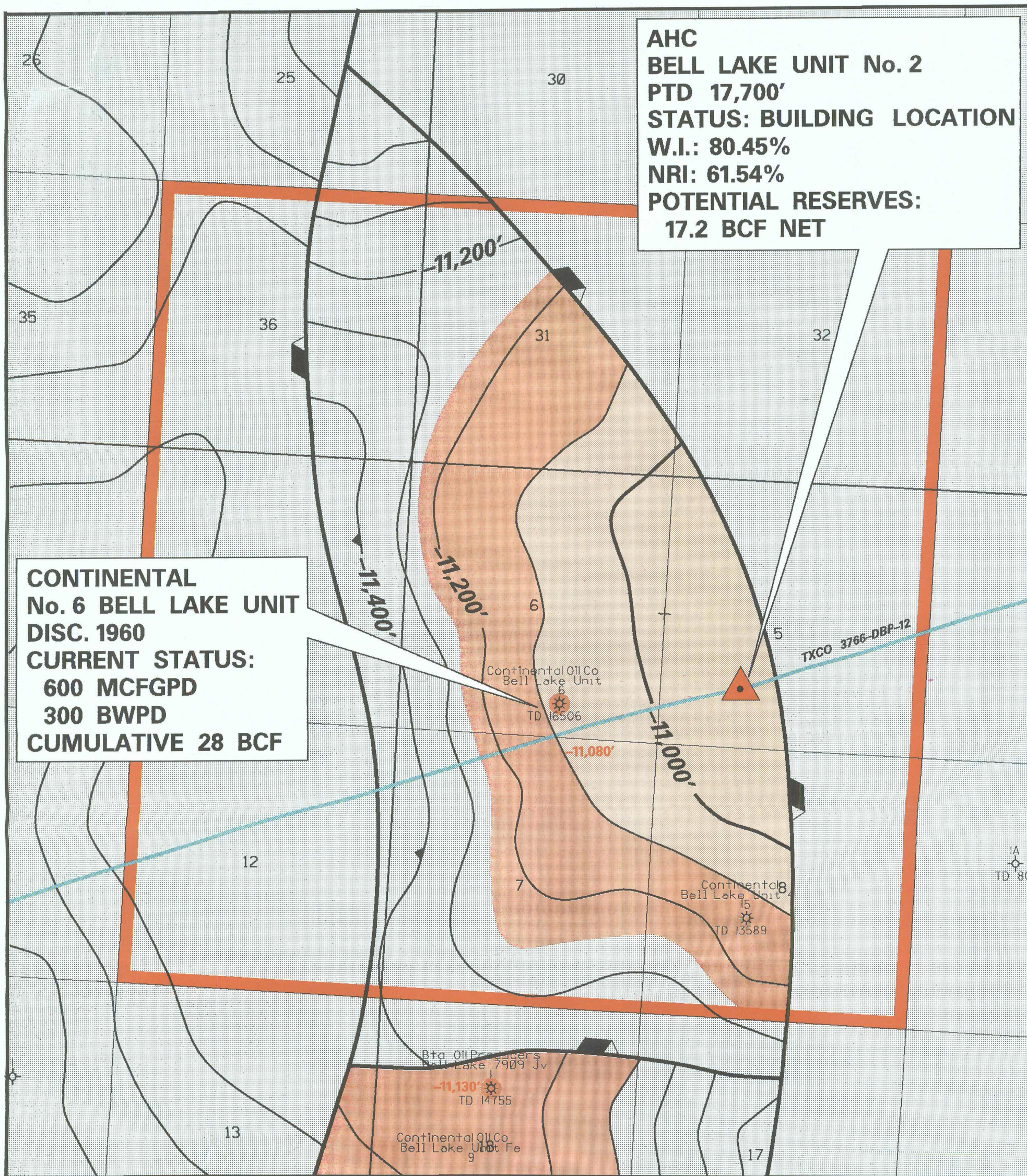
GROUND LEVEL

18,000'








CONFIDENTIAL

SEPTEMBER, 1994
N941903HM.PLT



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

0 2000 4000 6000 8000 10000 FEET

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

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