

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

1/31/94

January 31, 1994

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

American Hunter Exploration, Ltd.  
c/o Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505

Attention: Brian Wood

*Administrative Order NSL-3347(NSP)*

Dear Mr. Wood:

Reference is made to your application dated January 7, 1994, for a non-standard oil well location for your Phoenix Well No. 1 to be drilled 240 feet from the South line and 1680 feet from the West line (Unit K) of Section 28, Township 27 North, Range 1 East, NMPM, to test both the Dakota and Entrada formations for oil, Rio Arriba County, New Mexico. Lot 3 of said Section 28 shall be dedicated to the well forming a non-standard 24.01-acre oil spacing and proration unit.

By the authority granted me under the provisions of General Rules 104.F(1) and 104.D(2), the above-described unorthodox oil well location and non-standard oil proration unit are hereby approved.

Sincerely,

A handwritten signature of William J. LeMay.

William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date: 12-30-93

*(Signature: Mike Stegner)*

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

RE: Proposed MC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed NSP \_\_\_\_\_

Proposed DHC \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed PMX \_\_\_\_\_  
Proposed DD \_\_\_\_\_

Gentlemen:

I have examined the application received on 12-15-93  
for the American Hunter Expl. LTD. PHOENIX #1  
OPERATOR LEASE & WELL NO.

N-28-27N-01E and my recommendations are as follows:  
UL-S-T-R

Approved

Yours truly,

*Eric Bredt*



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

94 JAN 18 1994

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date: 12-30-93

*Attn: Mike Stogner*

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

RE: Proposed MC  
Proposed NSL X  
Proposed WFX \_\_\_\_\_  
Proposed NSP \_\_\_\_\_

Proposed DHC \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed PMX \_\_\_\_\_  
Proposed DD \_\_\_\_\_

Gentlemen:

I have examined the application received on 12-15-93  
for the American Hunter Expl. LTD. PHOENIX #1  
OPERATOR LEASE & WELL NO.

1-28-27N-01E and my recommendations are as follows:  
UL-S-T-R

Approve

*W*  
JAN 05 1994

OIL CON. DIV  
DIST. 9

Yours truly,

Eric Bards

1/4/94

I have not received an  
application for the above described  
well. Could you send me a copy of  
your. Thanks

*Michael E. Stogner*

# PERMITS WEST, INC.

PROVIDING PERMITS for the ENERGY INDUSTRY

37 Verano Loop, Santa Fe, New Mexico 87505

(505) 984-8120

RECEIVED  
DEC 5 1993

OIL COMM. BLDG.  
DIST 3

## REQUEST FOR ADMINISTRATIVE APPROVAL FOR UNORTHODOX LOCATION FOR THE PHOENIX #1 OIL WELL TO BE DRILLED AT 240' FSL & 1680' FWL SEC. 28, T. 27 N., R. 1 E., RIO ARRIBA COUNTY, NM BY AMERICAN HUNTER EXPLORATION, LTD.

- I. The well is on Jicarilla Apache Tribal surface and minerals. An onsite was held November 15, 1993. Onsite participants included John Atencio (BIA-Dulce), Pat Hester (BLM-Albuquerque), Jason Vicenti (Jicarilla Apache Environment Office - Dulce), Fred Vigil (Jicarilla Apache Energy Office - Dulce), and Brian Wood (Permits West - Santa Fe). Application for Permit to Drill is attached.
- II. A C-102 showing the well location, proration unit (Lot 3 = 24.01 acres), and lease (all of Sec. 28 is in Tribal lease #287) in the unit is attached.
- III. There are no offset wells producing from the Entrada. All offset wells (dots on attached map) produce from the Mancos or Greenhorn. Closest existing producing well is Benson-Montin-Greer's East Puerto Chiquito Unit #16 Mancos oil well. It is 2,662' north at 530 FN & 1850 FW 28-27n-1e. A map and affidavit are attached showing offset operators and working interest owners.
- IV. An enlarged copy of the Pounds Mesa 7.5' USGS map is attached. The proposed wellsite is marked by an arrow. The proration unit is a thick black line. The orthodox drilling window is a thin black line. There are no existing wellpads in the proration unit. Closest existing wellpad is a P&A well 1,076' west in Lot 4.
- V. Request for an exception is based on lack of topographic screening to hide well (see letter from surface/mineral owner, Jicarilla Apache Tribe). Orthodox location would be visible from more than 10 miles (see attached Boulder Lake 15' USGS quad) as it would be silhouetted on top of a 500' high hill. Staked location moves well south out of orthodox drilling window and preserves tree (ponderosa pine, Douglas fir) screen on north side of well. Orthodox location would be 90' further north and would eliminate tree screen. Reserve pit (see attached plan view and profile) is only 60' wide at its maximum width to squeeze onto narrow ridge.

## VI. No archaeology sites were found.

VII. Location was moved out of orthodox drilling window due to the lack of topography to hide a wellpad at an orthodox location. Orthodox drilling window is all on the north side of an unnamed 500' high hill. Anything on the north hilltop is visible from at least 10 miles away, including such vantage points as Stinking Lake, the largest natural lake in New Mexico.

VIII. Directional drilling is not feasible because the combination of multiple targets, steep dips, and complex geology make it economically unfeasible to attempt a directional hole.

IX. I, Brian Wood, hereby certify that notice (return receipt cards are attached) has been sent to the following lessees, lessors, surface management agencies, operators of spacing units, or owners of undrilled leases which adjoin the applicant's spacing unit on one or more of the two sides or the single closest corner to the proposed well:

Benson-Montin-Greer

Molly Bramblette

BIA

BLM

## Jicarilla Apache Tribe

## Virgil Stoabs

STATE OF New Mexico )  
 ) SS:  
COUNTY OF Santa Fe )

The foregoing instrument was acknowledged before me this 4th day of December, 1993 by Brian Wood. Witness my hand and official seal.

~~Notary Public~~

My Commission Expires: 04/25/94

**Business Address:** 101 Paseo de Peralta Santa Fe, NM 87501

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL DEEPEN PLUG BACK 

b. TYPE OF WELL

OIL GAS WELL WELL 

OTHER

SINGLE  
ZONE MULTIPLE  
ZONE 

2. NAME OF OPERATOR

American Hunter Exploration, Ltd. (303) 825-5212

3. ADDRESS OF OPERATOR

410 17th St., Suite 1220, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface 240' FSL &amp; 1680' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

26 air miles S of Dulce, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. Unit line, if any)

240'

16. NO. OF ACRES IN LEASE

720

17. NO. OF ACRES ASSIGNED

TO THIS WELL 24.01

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2662'

19. PROPOSED DEPTH

5,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7,510' ungraded ground

22. APPROX. DATE WORK WILL START\*  
Dec. 24, 1993

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36# (J-55)	400'	≈383 cu ft and to surface
8-3/4"	7"	23# (K-55)	5,000'	≈1044 cu ft and to surface

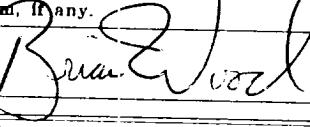
\*Well is within the East Puerto Chiquito Mancos Unit. However, unit is for Mancos production. Not for Entrada production, which is primary goal of the well.

RECEIVED  
DEC 1 5 1993

OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED  Consultant DATE 12-4-93

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 10C1, 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.



American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

PAGE 4

Surface casing will be cemented to the surface with  $\approx$ 383 cubic feet Class G with 2%  $\text{CaCl}_2$ . Volume calculated at 100% excess. Centralizers will be used.

Production casing will be cemented to the surface. Volumes will be calculated at 30% excess as measured by caliper log. First stage will be cemented from TD to  $\approx$ 3500' with  $\approx$ 357 cubic feet Class G + 0.5% D59 + 0.4% D65 + 0.2% D136 + 0.25% D79. Second stage will be cemented from  $\approx$ 3500' to the surface with  $\approx$ 687 cubic feet Litepoz and 65-35 Poz + 2%  $\text{CaCl}_2$  + 6% bentonite. Centralizers will be used.

## 5. MUD PROGRAM

<u>Depth</u>	<u>Type</u>	<u>ppg</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0' - 400'	Fresh water gel/lime	8.5-9.0	35-40	NC
400' - 5,000'	KOH-PHPA	8.5-8.8	32-36	8-10

Sufficient mud material to maintain mud properties, control lost circulation, and contain a blowout will be available at the wellsite while drilling. Mud will be checked frequently by rig personnel.

## 6. CORING, TESTING, & LOGGING

No cores are planned. BHC Sonic/GR/Caliper and DIL/SFL/SP/GR logs may be run. Mud logger will be on site from base of surface casing to TD. DSTs may be run in the Dakota and Entrada. Stimulation procedures will be determined after log evaluation. If stimulation is warranted, then a Sundry Notice will be submitted for approval.

## 7. DOWNHOLE CONDITIONS

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88210

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Bravo Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMERICAN HUNTER			Section N	Range 28	Township 1.27 N.	Section R. 1 E.	W.M.M. NMM	Well No. 1
Actual Footage Location of Well: 240 feet from the Ground level elev.			SOUTH			1680 feet from the Producing Formation 7510 Dakota & Entrada*	WEST	RIO ARRIBA
						Pool Wildcat		

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by consolidation, forced-pooling, etc.?

Yes

No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No acreage will be assigned to the well until all leases have been consolidated (by consolidation, forced-pooling, or otherwise) or until a non-standard unit, eliminating such leases, has been approved by the Division.

S 89-49 E		REC DEC 1 5 1993		5281.32'		OPERATOR CERTIFICATION	
						<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Brian Wood</i></p> <p>Printed Name Brian Wood</p> <p>Position Consultant</p> <p>Company Hunter Exploration, Ltd.</p> <p>Date December 4, 1993</p>	
		OIL CONS. PLAT.		American		SURVEYOR CERTIFICATION	
		SEC. 28				<p>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 knowledge and belief.</p> <p>10-24-93</p> <p>Date Surveyed C. EDWARD WOOD, S.R.S.</p> <p>Nearest Surveyed Point</p> <p>Signature of Surveyor</p> <p>Professional Surveyor</p> <p>Registration No. 3857</p> <p>Control No. 6857</p> <p>6857</p>	
1680'	WEST	1680'		5280.00'			

\*Entrada is primary goal.

Dakota is secondary goal.

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

PAGE 2

BOP systems will follow Onshore Order #2 and API RP 53. The drilling contract has not yet been awarded, thus the exact BOP model to be used is not yet known. A typical model is on PAGE 3.

BOP controls will be installed before drilling the surface casing plug and remain in use until the well is completed or abandoned. Once out from under the surface casing, a 9-5/8" minimum 3,000 psi BOP and choke manifold system will be used. System will include upper and lower kelly cock with handle, drill pipe float, mud logging unit with gas detector to detect any influx of formation fluids, and a sub on the floor with a full opening valve to be stabbed into the drill pipe when a kelly is not in the string.

Ram type preventers and associated equipment (e.g., choke manifold and kelly cock) will be pressure tested to 100% of their rated working pressure for a minimum of 10 minutes. A test plug will isolate the BOP stack from the casing. Annular preventers will be tested to 50% of their rated working pressure for at least 10 minutes. Tests will be run after installation, before drilling out the surface casing shoe, and after any use under pressure, or a minimum of once every 14 days. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Annular preventers will be functionally operated at least weekly. BOP checks will be noted on the daily drilling report.

#### 4. CASING & CEMENT

The proposed casing program is:

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight (lb/ft)</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>GL Setting Depth</u>
12-1/4"	9-5/8"	36	J-55	ST&C	New	400'
8-3/4"	7"	23	K-55	LT&C	New	5,000'

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

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No abnormal temperatures pressures, nor hydrogen sulfide are expected.  
Maximum pressure will be  $\approx$ 2,000 psi.

8. OTHER INFORMATION

The anticipated spud date is December 24, 1993. It is expected it will take  $\approx$ 2-3 weeks to drill and  $\approx$ 10 days to complete the well.

### Surface Use Plan

#### 1. DIRECTIONS & EXISTING ROADS (See Pages 11 & 12)

From the junction of US 64 and NM 537, go south 9.1 miles on NM 537. Then turn left onto J-16 and go SE 8.5 mi. on J-16 to a junction. Then turn right onto J-16 and go SE 9.5 mi. on J-16 to a junction. Then turn right onto J-16 and go NW 0.5 mi. to a junction. Then bear left on J-16 and go SW 1.0 mi. to a junction. Then turn left and go SE 1.0 mi. to a dry hole. Then continue SE on a logging road for  $\approx$ 1500' to the proposed well.

Of the existing roads, only the final  $\approx$ 1500' will need upgrading. That  $\approx$ 1500' of logging road will be widened to as much as 30'. The road will have a  $\approx$ 16' wide running surface and a maximum disturbed width of 30'. Maximum grade will be 8%. Maximum cut or fill will be 1'. No culverts or cattleguards are needed.

Only those ponderosa pine and Douglas fir marked with orange flagging will be removed. There are 10 such flagged trees. Prune limbs rather than breaking them. The road will be initially flat bladed. Borrow ditches will be installed on the last portion of road as it descends east to the pad. Those ditches will channel runoff north and south of the pad. If production results, then the rest of the road will be crowned and ditched. In any event, water bars and/or outsloping will be used to channel runoff away from the road. Drainage control will be installed at least every 100 yards. Roads will be maintained to a standard at least equal to their present condition.

#### 2. ROAD TO BE BUILT

No new road will be built.

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

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**3. EXISTING WELLS (See PAGE 12)**

According to NM Oil Conservation Div. records, there are no water or gas wells within a mile. There are nine oil wells, one gas injection well, and two plugged and abandoned wells within a mile. Closest of the ten active wells is BMG's EPCMU #16 Mancos oil well which is 2,662' north.

**4. PROPOSED PRODUCTION FACILITIES**

The exact type, location, and layout of the production facilities are not known now. It is expected they will include a meter run, dehydrator, separator, tank battery, and/or heater-treater. All will be painted a flat juniper green color. Pipelines may be laid west downhill to a possible production facility near BMG's compressor or tank battery. A Sundry Notice and/or right-of-way will be submitted for approval before installation.

**5. WATER SUPPLY**

Water will be trucked from a private water source east of El Vado Dam or from lakes to the north. Exact source will depend on price and availability.

**6. CONSTRUCTION MATERIALS & METHODS**

Brush and topsoil will be stripped and stockpiled east and south of the wellpad and pit. Trees will be felled, limbed, and decked. Slash will be piled no higher than 18".

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

PAGE 8

Topsoil depth is very shallow and as much as possible will be saved. Reserve pit will be built all in cut. Subsoil from the reserve pit will be kept separate from topsoil and stockpiled west of the pit. A diversion ditch will be built along the road to divert runoff to the south and north of the pad. The reserve pit will be lined with minimum 12 mil plastic.

#### 7. WASTE DISPOSAL

The reserve pit will be fenced sheep tight on 3 sides with woven wire fence topped with barbed wire. The 4th side will be fenced once the rig moves off. The fence will be kept in good repair while the pit dries. Once dry, contents of the reserve pit will be buried in place. No oil will be discharged into the pit. All oil will go into tanks.

All trash will be placed in a portable trash cage. It will be hauled to an approved landfill. There will be no burial or burning.

Human waste will be disposed of in chemical toilets or minimum 10' deep ratholes under trailers. Ratholes will be immediately filled when the trailers are removed.

#### 8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers may be on location for the company man, tool pusher, and mud loggers.

#### 9. WELL SITE LAYOUT

See PAGES 13 and 14 for depictions of the well pad, cross section, cut

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

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and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

#### 10. RECLAMATION

Reclamation starts once the reserve pit is dry. It usually takes a year for a reserve pit to fully evaporate, at which point it will be backfilled. The wellpad and backfilled pit will be recontoured to a natural appearance, water barred, stockpiled topsoil spread evenly over disturbed areas, and disturbed areas ripped or harrowed. BLM seed mix #1 will be drilled at a depth and time to be determined by BLM.

If seed is broadcast, the rate will be increased as determined by BLM. A harrow or cable will be dragged over the area to assure seed cover. After seeding is done, the stockpiled brush will be scattered evenly over disturbed areas. The  $\approx$ 1500' of upgraded road will be reclaimed in the same manner as the wellsite.

If the well is a producer, then the reserve pit and any other areas not needed for workovers will be reclaimed as previously described.

#### 11. SURFACE OWNER

The well and new road are on Jicarilla Apache Tribal land.

#### 12. OTHER INFORMATION

The nearest hospital is a  $\approx$ 1-1/2 hour drive away in northwest Espanola. Hospital emergency room phone number is (505) 753-7111.

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

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### 13. REPRESENTATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505  
(505) 984-8120

FAX: (505) 988-9682

The field representative while drilling will be:

Brad Salzman  
(505) 324-0766

American Hunter Exploration, Ltd. has the necessary consents from the proper lease owners to conduct lease operations in conjunction with this well. Bond coverage pursuant to 43 CFR 3104 for lease activities and operations is being provided by American Hunter Exploration, Ltd.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by American Hunter Exploration, Ltd. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

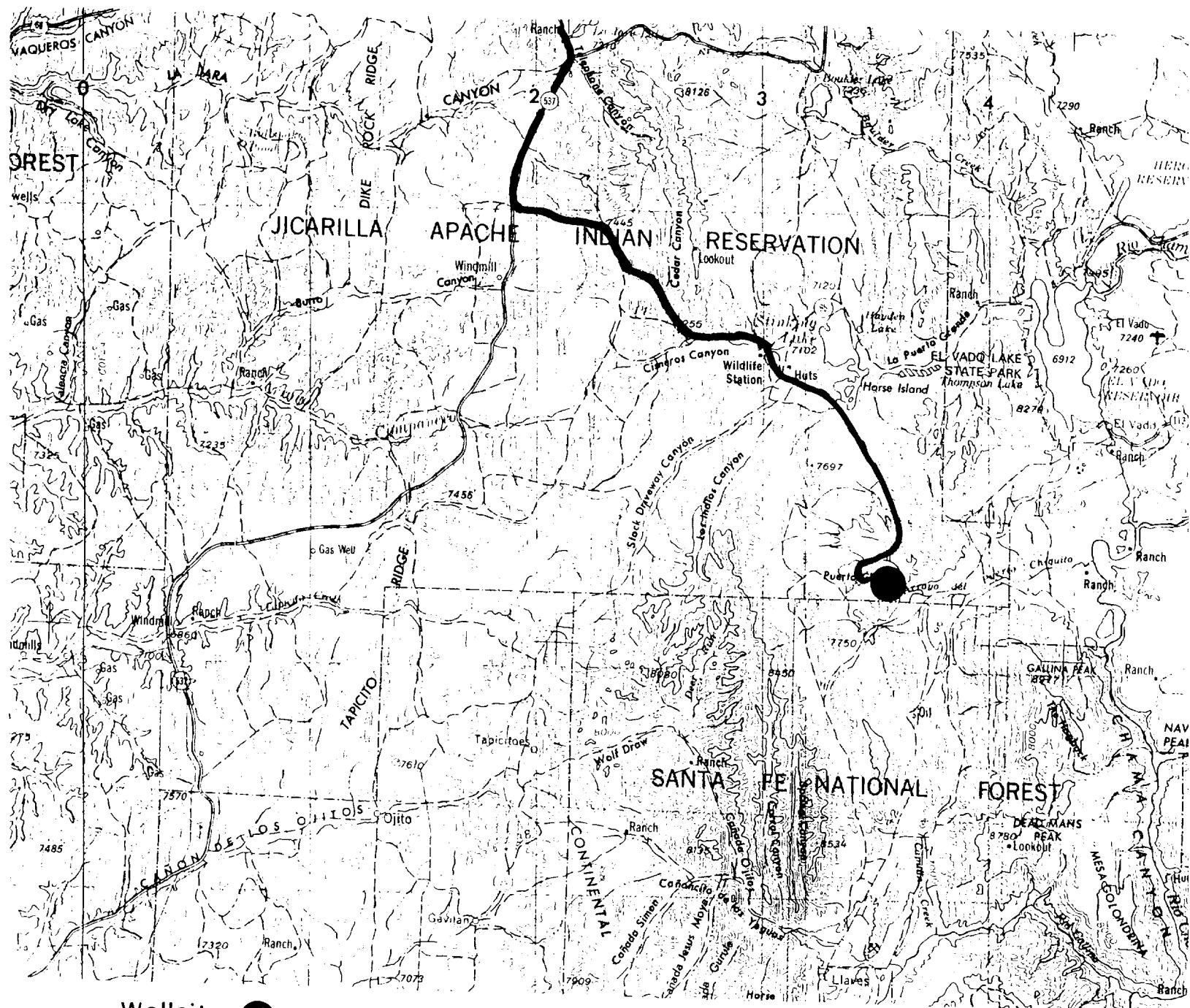


Brian Wood, Consultant

December 4, 1993  
Date

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

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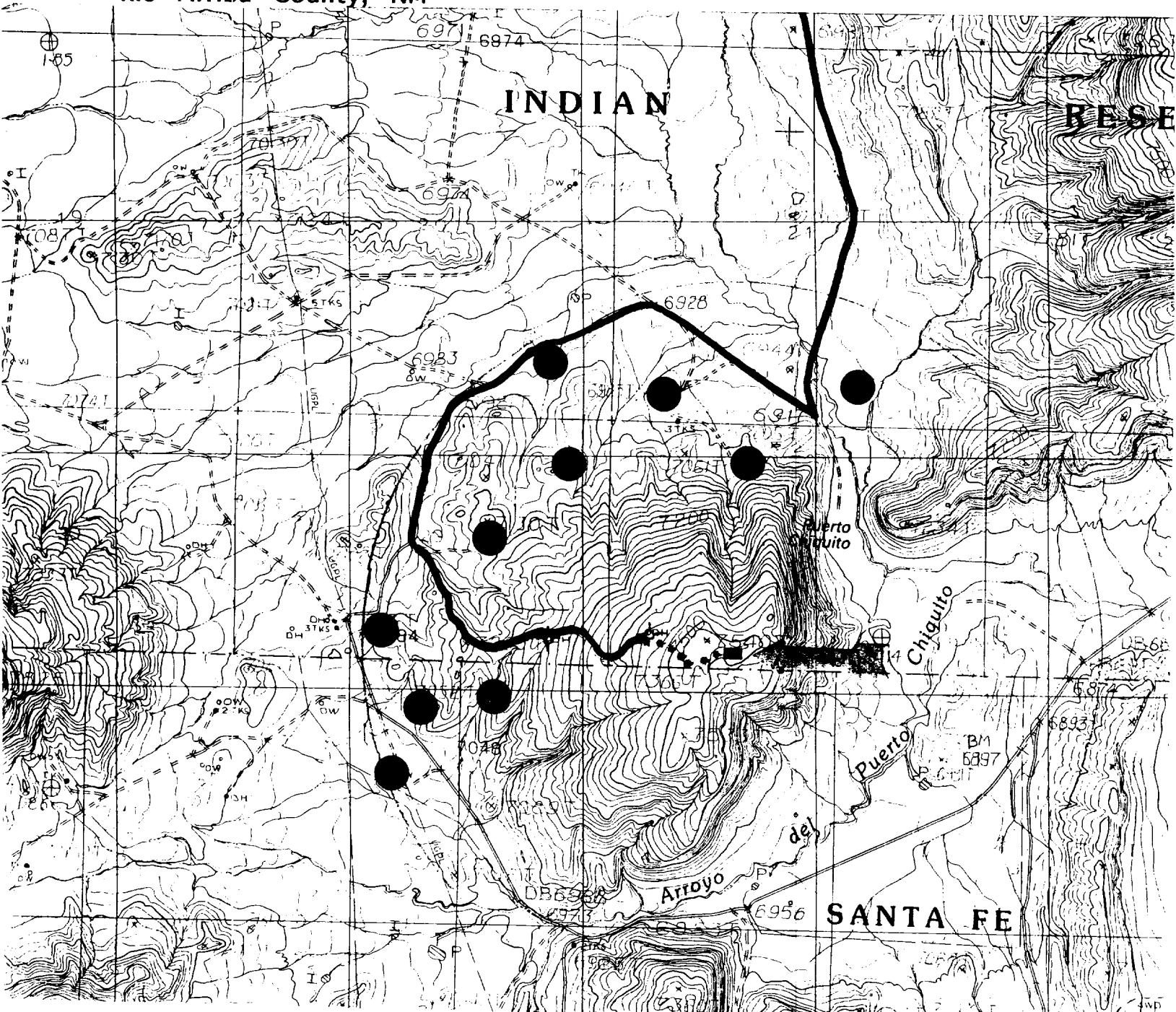


Wellsite: ●

Access Route: —

American Hunter Exploration, Ltd.  
Phoenix #1  
240' FSL & 1680' FWL  
Sec. 28, T. 27 N., R. 1 E.  
Rio Arriba County, NM

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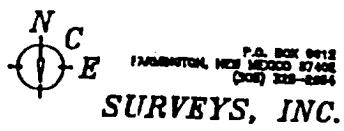


Proposed Well:

Existing Well:

Existing Road:

Upgrade Road:



**SURVEYS, INC.**

P.O. BOX 9912  
MAMMOTH, NEW MEXICO 87401  
(505) 328-2994

COMPANY: AMERICAN HUNTER

WELL NAME: JICARILLA 28N-1

FOOTAGE: 240 FSL 1680 FWI

SECTION: 28 T.27 N. R.1 E. NMPM

COUNTY: RIO ARRIBA STATE: N M

STATE: N.M. DATE: 10/29

DATE: 10/29/95

C 8'

RESERVE  
PIT

8' deep pit

125'

100'

LAYDOWN

N 84 W

150'

Z TRACK

C 7' (4)

C 0' (3)

C 0' (2)

C 0' (1)

C 8'

C 8'

C 8'

C 8'

A

B

A-A'

B-B'

C 1

COUNTY: RIO ARRIBA STATE: N.M.  
ELEVATION: 7510 DATE: 10/29/93

B-E<sup>1</sup>

C/L

C/L						
7530	.....	.....	.....	.....	.....	.....
7520	.....	.....	.....	.....	.....	.....
7510	.....	.....	.....	.....	.....	.....
7500	.....	.....	.....	.....	.....	.....
7490	.....	.....	.....	.....	.....	.....

C-C'

c/L

C/L					
7530					
7520					
7510					
7500					
7490					

Pit Will All Be In Cut

DISTRICT 1  
P.O. Box 1930, Santa Fe, NM 87501

DISTRICT 2  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT 3  
1000 Rio Arriba Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	AMERICAN HUNTER			Location	PHOENIX		Well No.	1
Unit Lessee	Section	28	Township	1.27 N.	Range	R. 1 E.	County	RIO ARIBA
Actual Footage Location of Well:								
240	feet from the	SOUTH		line and	1680	feet from the	WEST	line
Current level elev.	7510	Producing Formation		Pool	Wildcat	Dedicated Acreage:		
Entrada						24.01		

1. Outline the acreage dedicated to the subject well by colored pencil or black ink on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by consolidation, assignment, forced-pooling, etc.?

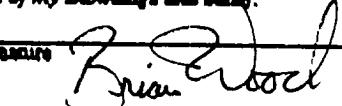
Yes

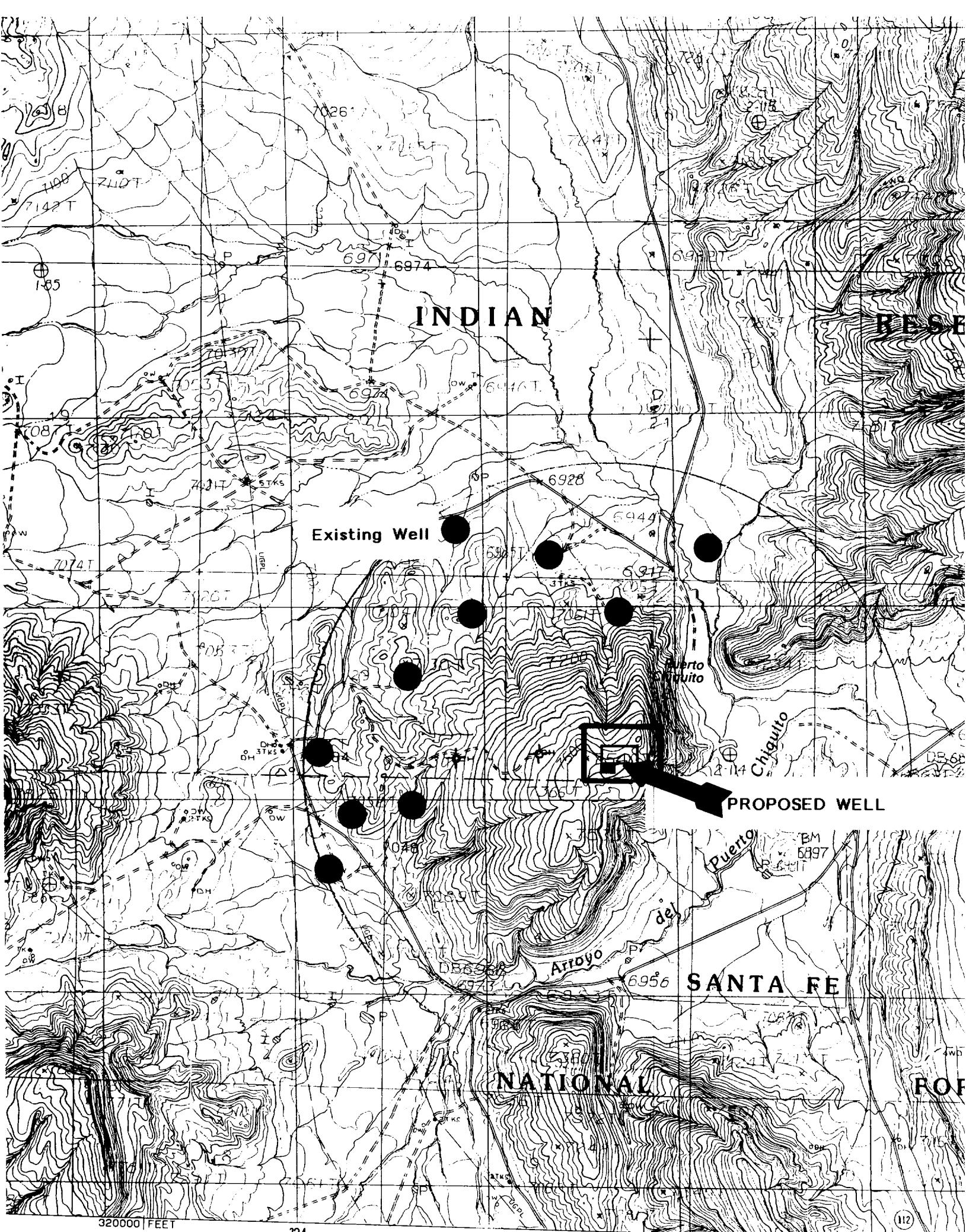
No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by consolidation, assignment, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

S 89-49 E			5281.32'		OPERATOR CERTIFICATION
54-47 E				5413.52'	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
DEC 1 5 1993					
OIL CONTRACT					Printed Name
DIST. 3					Brian Wood
American					Position
SEC. 28					Consultant
					Company
					Hunter Exploration, Ltd.
					Date
					November 29, 1993
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 knowledge and belief.					
10-24-93					
Date Surveyed					
N. C. EDW					
Signature: N. C. EDW					
Professional Surveyor					
6857					
Certification No.					
6857					



American Hunter Exploration Ltd.  
410 Seventeenth St., Suite 1220  
Denver, CO 80202  
Bus: (303) 825-5212



# american hunter

## Operators and Working Interest Owners

### Tract A:

Virgil L. Stoabs  
221 Petroleum Building  
Farmington, New Mexico 87401

Molly E. Bramblette, Trustee  
710 Crestview Drive  
Farmington, New Mexico 87401

### Tract B:

Benson-Montin-Greer Drilling Corp.  
221 Petroleum Center Building  
Farmington, New Mexico 87401

There are no offsetting wells producing from the objective formations in the proposed well.

I, Douglas J. Kirn, hereby certify that the information is correct to the best of my knowledge.

By: Douglas J. Kirn

Douglas J. Kirn  
Consultant for American Hunter Exploration Ltd.

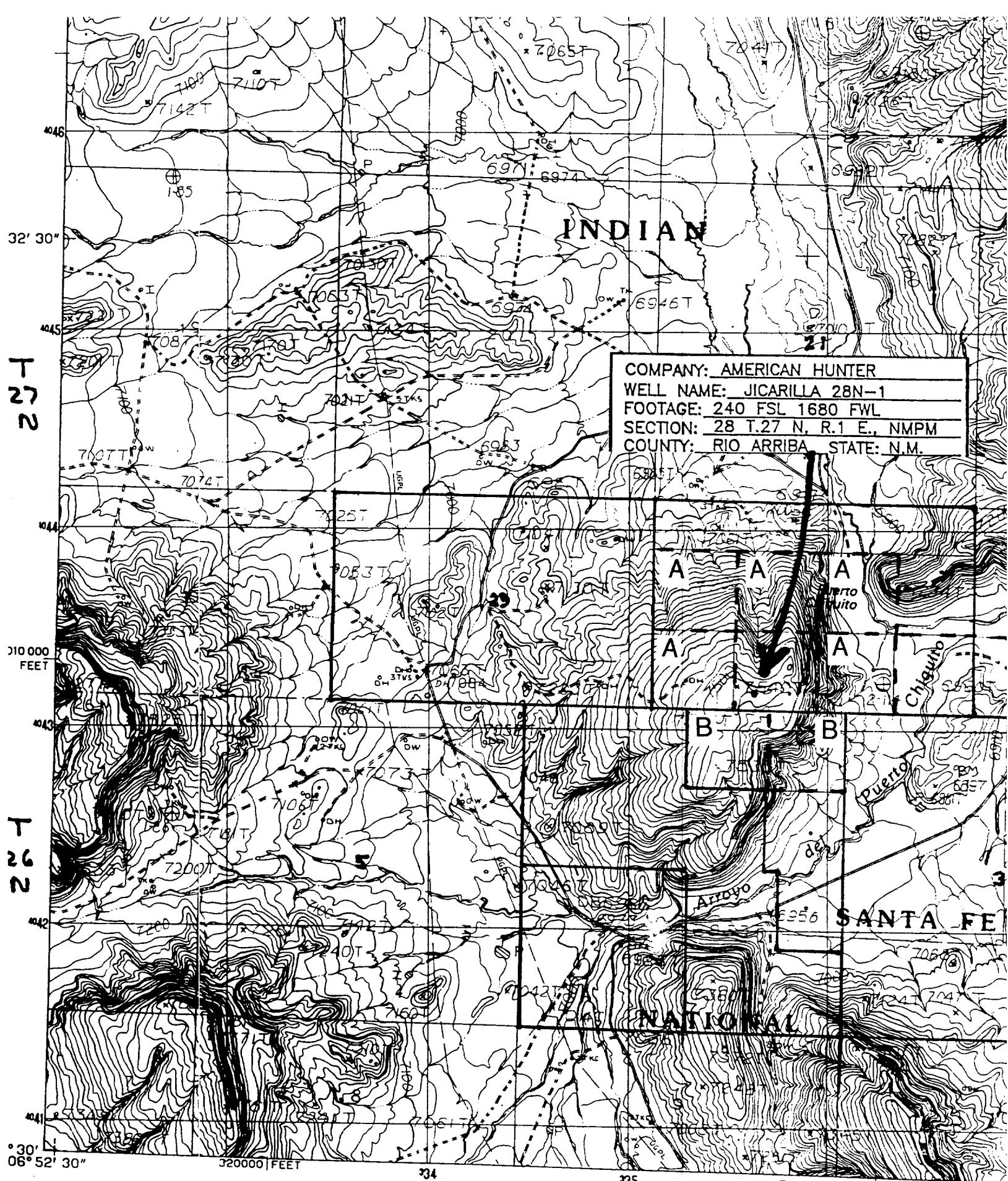
STATE OF Colorado; County of Denver, ss:

Before me the undersigned, a Notary Public, in and for said County and State, on this **24th day of November, 1993**, personally appeared **Douglas J. Kirn** to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

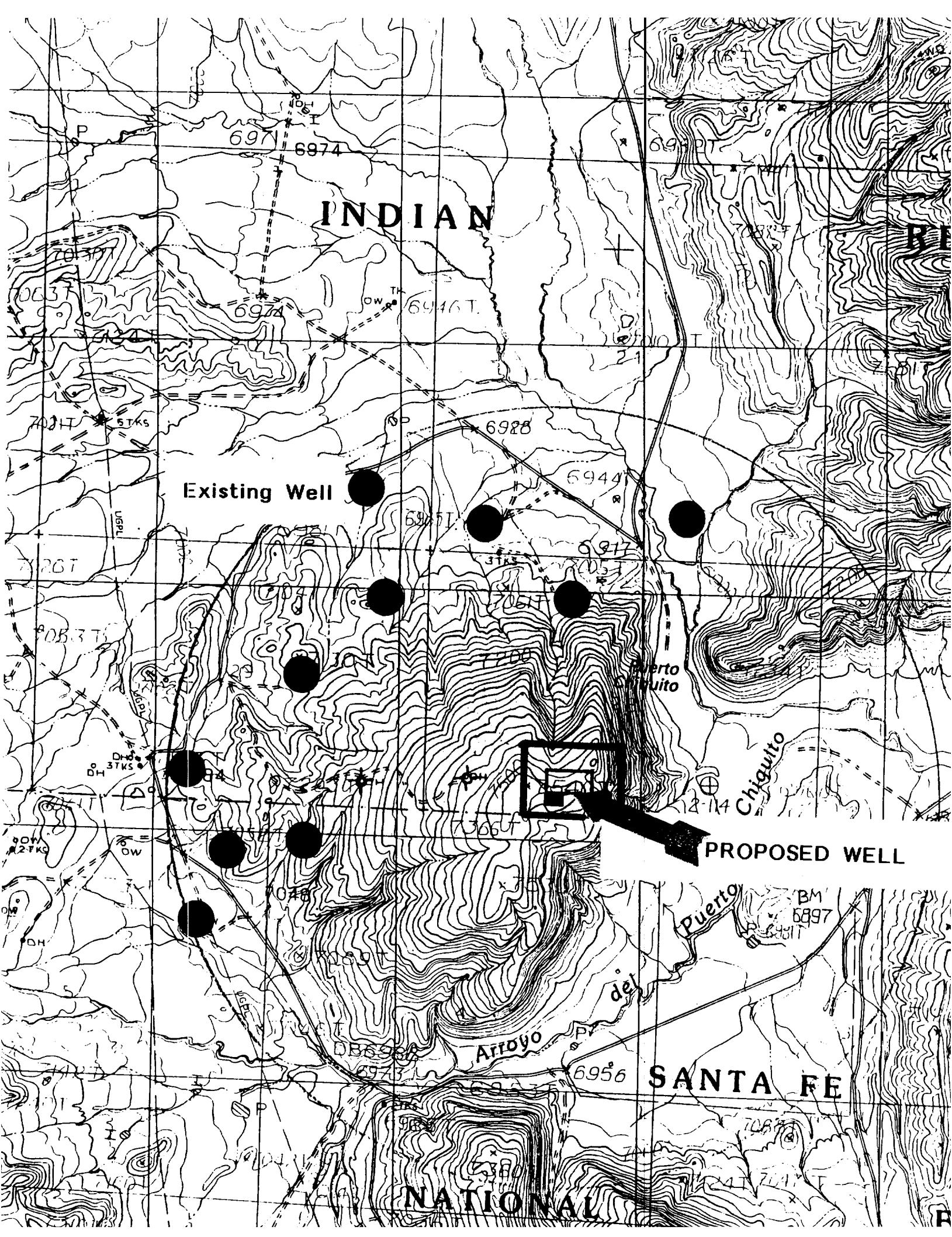
Given under my hand and seal the day and year last above written.

Notary Public  
State of Colorado  
My Commission expires March 29, 1994

Mary Heffernan  
Notary Public



DUCTED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROLLED BY . . . . . USGS, NOB/NOAA  
FILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1976  
CHECKED . . . . . 1978 MAP EDITED . . . . . 1983  
SECTION . . . . . TRANSVERSE MERCATOR  
10-KILOMETER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 13  
10,000-FOOT STATE GRID TICKS . . . . . NEW MEXICO, CENTRAL ZONE  
GRID DECLINATION . . . . . 105° WEST  
MAGNETIC NORTH DECLINATION . . . . .





## OIL & GAS ADMINISTRATION

**JICARILLA APACHE TRIBE**

P.O. Box 507

Dulce, New Mexico 87528

[505] 759-3485 / 759-3242

November 30, 1993

AMERICAN HUNTER EXPLORATION, LTD.  
410-17th Street, Suite 1220  
Denver, Colorado 80202

Attention: Jeff Kirm

Dear Jeff:

This letter is to inform you that the Tribe does not object to the unorthodox location of the American Hunter Phoenix Number 1 in T 27 N, R 1 E, Section 28. The relocation of said well would actually improve the aesthetics of the area.

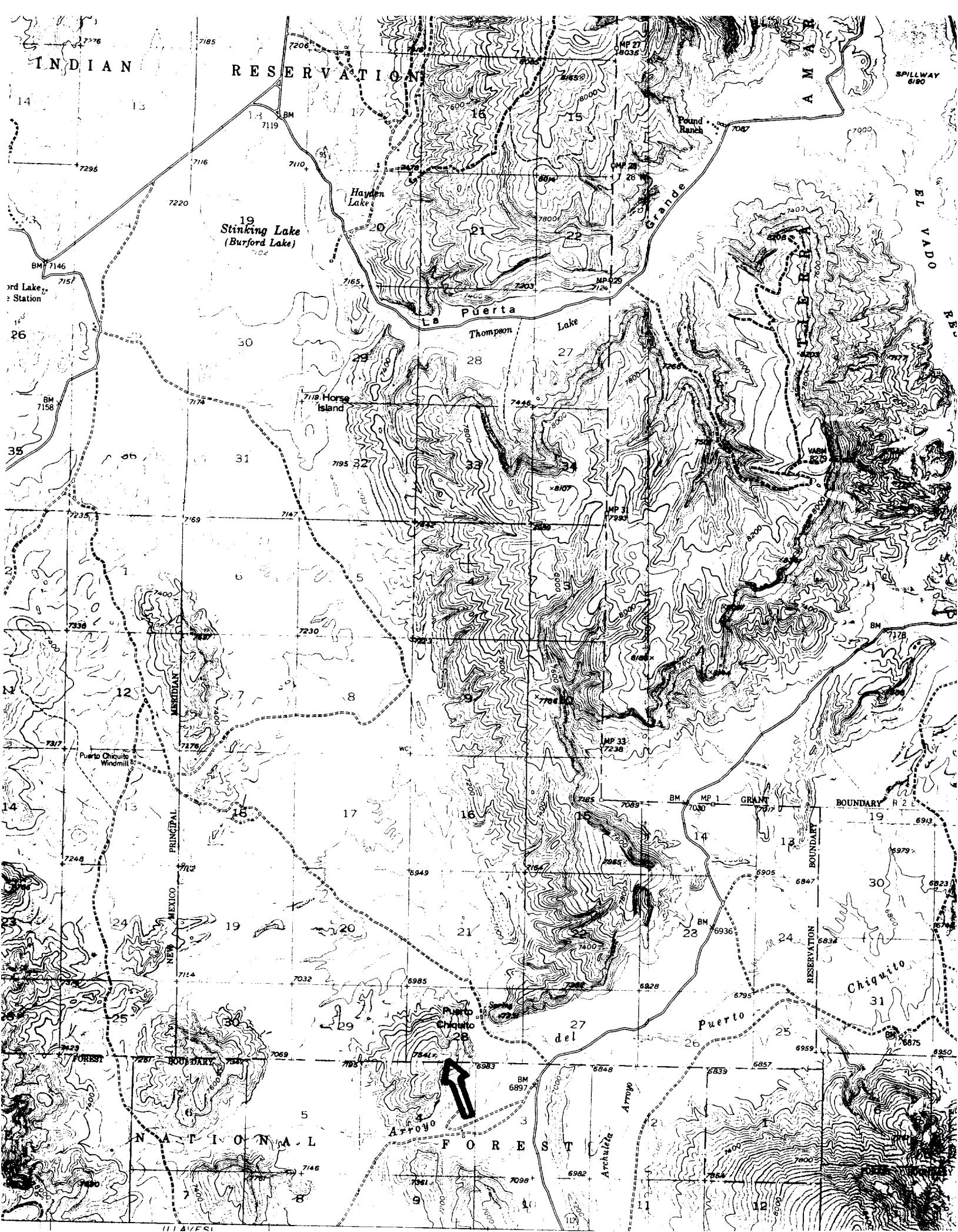
Very truly yours,

A handwritten signature in black ink, appearing to read "Thurman Velarde".

Thurman Velarde  
Oil & Gas Administrator

TV/ojw

cc: Chron File

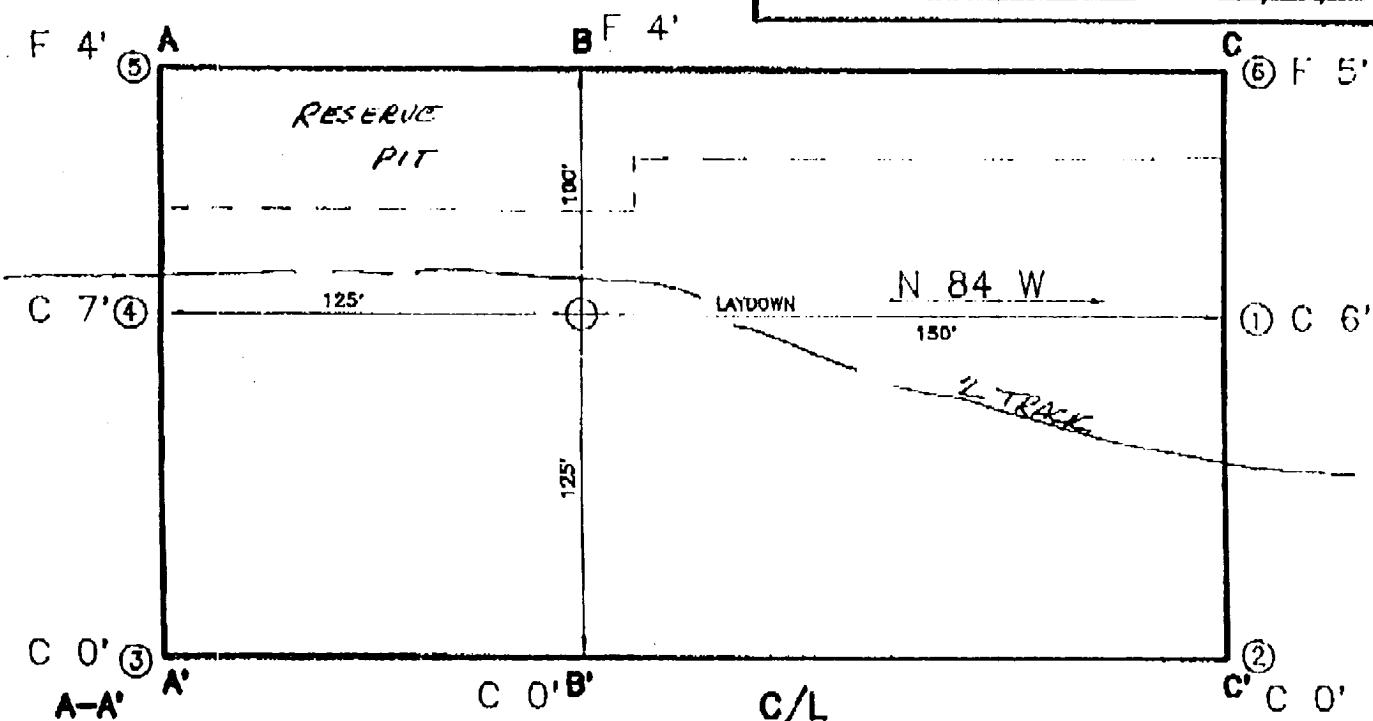




P.O. BOX #312  
PHILADELPHIA, PA 19103-3120 874-0911  
(500) 323-2404

## SURVEYS, INC.

COMPANY: AMERICAN HUNTER  
WELL NAME: 28N-1  
FOOTAGE: 240 FSL 1680 FWL  
SECTION: 28 T.27 N. R.1 E. NM P.M.  
COUNTY: RIO ARRIBA STATE: N.M.  
ELEVATION: 7510 DATE: 10/29/93



7530						
7520						
7510						
7500						
7490						

B-B'		C/L			
7530					
7520					
7510					
7500					
7490					

C-C'	C/L
7530	.....
7520	.....
7510	.....
7500	.....
7490	.....

# PERMITS WEST, INC.

PROVIDING PERMITS for the ENERGY INDUSTRY

37 Verano Loop, Santa Fe, New Mexico 87505

(505) 984-8120

Molly Bramblette, Trustee  
710 Crestview Drive  
Farmington, NM 87401

December 4, 1993

Dear Ms. Bramblette:

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following well, an exception location. This letter is a notice only. No action need be taken unless you have questions or objections.

Topography forced the below proposed well to be moved to less than the standard 330' from a quarter-quarter line. The well is ≈240' from the closest lease line and 2,662' from the closest producing well.

Well Name: Phoenix #1 oil well, proposed TD of ≈5,000'

Legal Location: 240' FSL & 1680' FWL Sec. 28, T. 27 N., R. 1 E., Rio Arriba County, New Mexico (see attached map) on Tribal lease #287

Approximate Location: 26 air miles south of Dulce, NM

Applicant Name: American Hunter Exploration, Ltd. (303) 825-5212

Applicant's Address: 410 17th St., Suite 1220, Denver, Co. 80202

Submittal Information: An application for an exception location will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. Their address is 1000 Rio Brazos Road, Aztec, NM 87410. Their phone number is (505) 334-6178.

RECORDED ON THE REVERSE SIDE?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number, delivered.

3. Article Addressed to:

Molly Bramblette  
710 Crestview Dr.

Farmington, NM 87401

Molly Bramblette

5. Signature (Addressee)

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee.

4a. Article Number  
P 137 698 837

4b. Service Type

Registered       Insured  
 Certified       COD  
 Express Mail       Return Receipt for Merchandise

7. Date of Delivery

12-8

8. Addressee's Address (Only if requested and fee is paid)

icely,  
J. Wood  
an Wood

THANK YOU FOR USING RETURN RECEIPT SERVICE

# PERMITS WEST, INC.

PROVIDING PERMITS for the ENERGY INDUSTRY

37 Verano Loop, Santa Fe, New Mexico 87505

(505) 984-8120

Al Greer & Virgil Stoabs  
 Benson-Montin-Greer Drilling Corp.  
 221 Petroleum Center Bldg.  
 Farmington, NM 87401

December 4, 1993

Dear Al & Virgil,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following well, an exception location. This letter is a notice only. No action need be taken unless you have questions or objections.

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Applicant's Address: 410 17th St., Suite 1220, Denver, Co. 80202

Submittal Information: An application for an exception location will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. Their address is 1000 Rio Brazos Road, Aztec, NM 87410. Their phone number is (505) 334-6178.

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
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- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

B-M-G Drilling  
 221 Petroleum Center  
 Farmington NM 87401

5. Signature (Addressee)

6. Signature (Agent)

Loretta Barnes

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee

3.  Insured

2093

4.  COD PM

5.  Return Receipt for Merchandise

7. Date of Delivery  
 12-9

8. Addressee's Address (Only if requested and fee is paid)

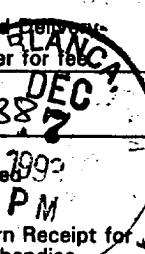
inately,

Ryan Wood

*Ryan Wood*

Ryan Wood

Thank you for using



# PERMITS WEST, INC.

PROVIDING PERMITS for the ENERGY INDUSTRY

37 Verano Loop, Santa Fe, New Mexico 87505

(505) 984-8120

December 4, 1993

Pat Hester  
Bureau of Land Management  
435 Montano NE  
Albuquerque, NM 87107

Dear Pat,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following well, an exception location. This letter is a notice only. No action need be taken unless you have questions or objections.

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Approximate Location: 26 air miles south of Dulce, NM

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Applicant's Address: 410 17th St., Suite 1220, Denver, Co. 80202

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<b>SENDER:</b> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt will show to whom the article was delivered and the date delivered.		<p>I also wish to receive the following services (for an extra fee):</p> <p>1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.</p>
3. Article Addressed to:  BLM 435 Montano NE Albuquerque NM 87107		<p>4a. Article Number P 137 698 839</p> <p>4b. Service Type <input type="checkbox"/> Registered   <input type="checkbox"/> Insured <input type="checkbox"/> Certified   <input type="checkbox"/> COD <input type="checkbox"/> Express Mail   <input type="checkbox"/> Return Receipt for Merchandise</p> <p>7. Date of Delivery 12-8-93</p>
5. Signature (Addressee)  Angie Jones		6. Signature (Agent)
<p>Return Receipt Service Thank you for using our service.</p> <p>ian Wood</p> <p><i>ian Wood</i></p>		

# PERMITS WEST, INC.

PROVIDING PERMITS for the ENERGY INDUSTRY

37 Verano Loop, Santa Fe, New Mexico 87505

(505) 984-8120

December 4, 1993

Darrell Tafoya  
Bureau of Indian Affairs  
P.O. Box 167  
Dulce, NM 87528

Dear Darrell,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following well, an exception location. This letter is a notice only. No action need be taken unless you have questions or objections.

Topography forced the below proposed well to be moved to less than the standard 330' from a quarter-quarter line. The well is ≈240' from the closest lease line and 2,662' from the closest producing well.

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- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

Darrell Tafoya

BIA

PO Box 167

Dulce NM 87528

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee.

4a. Article Number

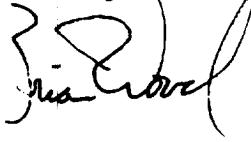
4b. Service Type

<input type="checkbox"/> Registered	<input type="checkbox"/> Insured
<input type="checkbox"/> Certified	<input type="checkbox"/> COD
<input type="checkbox"/> Express Mail	<input type="checkbox"/> Return Receipt for Merchandise

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

icely,



Brian Wood

Thank you for using Return Receipt Service.