

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML-44061

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

State

9. Well No.

32-16

10. Field and Pool, or Wildcat

Wildcat (001)

11. Sec., T., R., M., or Blk. and Survey or Area

Section 16-T35S-R15E

12. County or Parrish 18. State

San Juan Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL  DEEPEN  PLUG BACK

1b. Type of Well

Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator

Ampolex (Texas), Inc. DIVISION OF OIL, GAS & MINING

3. Address of Operator

1225 17th Street, Suite #3000, Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface SW NE Sec. 16-T35S-R15E 1,915' FNL & 2,110' FEL

At proposed prod. zone SAME

14. Distance in miles and direction from nearest town or post office\*

43.2 miles west of Blanding, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

1,980'

16. No. of acres in lease

640

17. No. of acres assigned to this well

40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

N/A

19. Proposed depth

3,000' Akah

20. Rotary or cable tools

Rotary

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

4,700' GR (Est.)

22. Approx. date work will start\*

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	60'	100 sks Class "B"
12-1/4"	8-5/8"	24#	300'	200 sks Class "G"
6-1/4"	4-1/2"	10.5#	3,000'	165 sks Light (Lead) 150 sks Class "G" (Tail)

1. Drill 17-1/2" hole and set 13-3/8" conductor @ 60', cement with good returns.
2. Drill 11" hole & set 8-5/8" surface casing @ 300', cement with good returns.
3. Log B.O.P. checks in daily drilling reports & drill 6-1/2" hole to 3,000'.
4. Conduct D.S.T. if warranted & run 4-1/2" casing if productive, cement w/good returns.
5. Run logs as needed, and perforate and stimulate as needed.

TECHNICAL REVIEW

Engr. [Signature]  
Geol. [Signature]  
Surface [Signature]

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: [Signature] Title: Petroleum Engineer Date: 12/29/89

(This space for Federal or State office use)

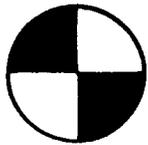
Permit No. 43-037-31483 Approval Date

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
Conditions of approval, if any:

\*See Instructions On Reverse Side

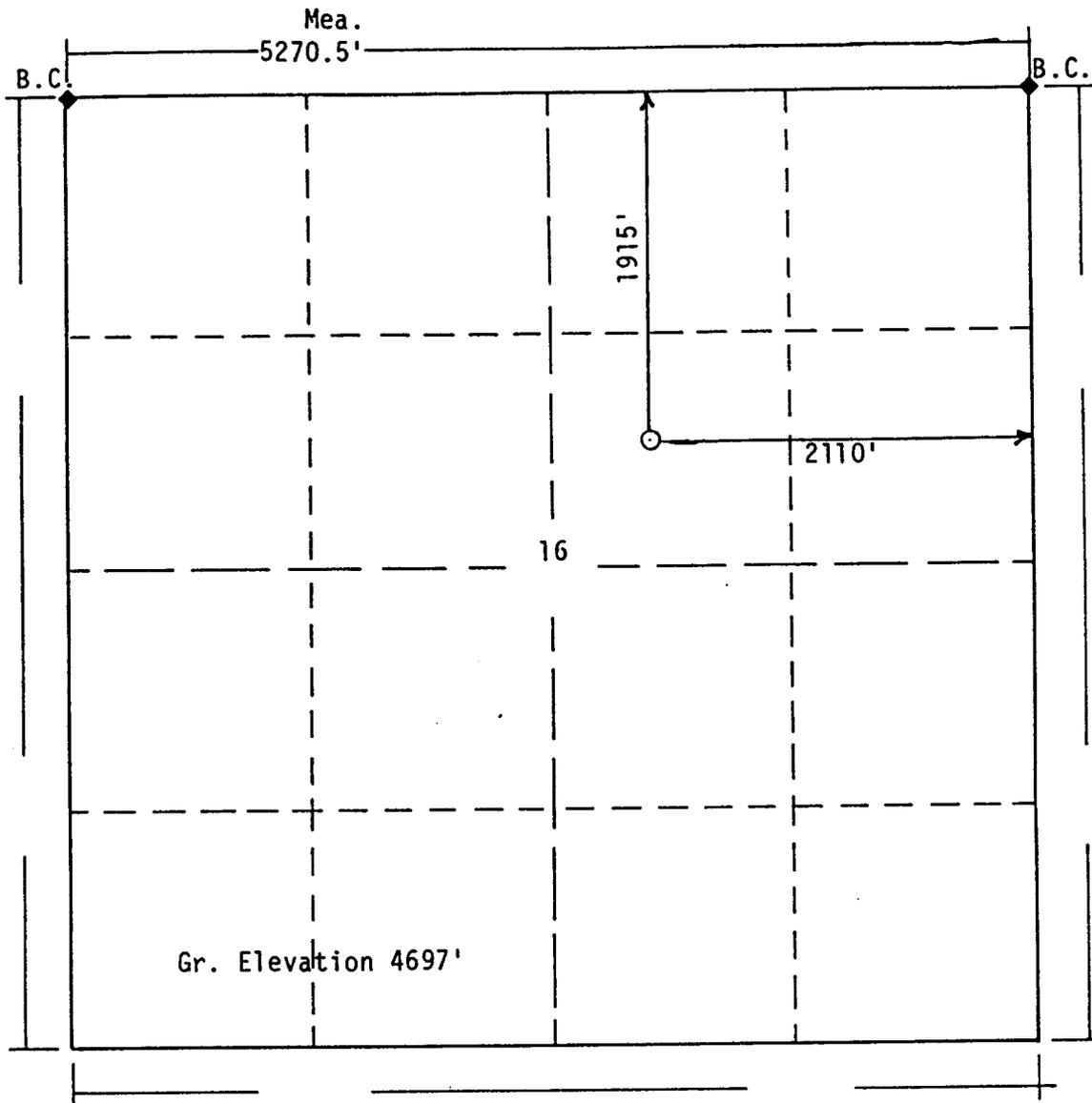
[Signature] 1-31-90  
R615-3-2

EXHIBIT A



Form PS-102

R. 15 E



T. 35 S

Scale: 1"=1000'

Powers Elevation, Inc. of Denver, Colorado has in accordance with a request from John Brooks for Ampol Exploration (U.S.A.) Inc. determined the location of State 32-16 to be 1915fn1, 2110fe1 Section 16, Township 35 S Range 15 E of the Salt Lake Principal Meridian, San Juan County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of State 32-16

*Roy A. Rush*

Licensed Land Surveyor No. 8894 State of New Mexico



Date:

10-25-89



# AMPOL EXPLORATION (U.S.A.) INC.

SEVENTEENTH STREET PLAZA, SUITE 3000  
1225 17TH STREET  
DENVER, CO 80202 U.S.A.

Phone: (303) 297-1000

Telecopy: (303) 297-2050

## Subsidiaries:

Ampolex (California), Inc.  
Ampolex (Orient), Inc.  
Ampolex (Texas), Inc.  
Ampolex (Wyoming), Inc.

29 December 1989

Utah Board of Oil, Gas and Mining  
3 Triad Center Suite 350  
355 West Temple  
Salt Lake City, Utah 84180-1203

RE: Application for Permit to Drill  
White Canyon Area, San Juan County, Utah

RECEIVED  
JAN 01 1989

DIVISION OF  
OIL, GAS & MINING  
RECEIVED  
JAN 02 1989

DIVISION OF  
OIL, GAS & MINING

Dear Sir:

Attached please find four (4) Applications for Permit to Drill, Form OGC-1A, plus one copy each. Currently, Ampolex is in the process of obtaining the appropriate right-of-way and road-use permits from the San Juan County Road Department, Utah State Department of Transportation, and Glen Canyon National Recreation Area. Except for the State 24-2 well, all proposed drilling locations are accessed across or through State lands leased by Ampolex. The State 24-2 requires a right-of-way from the BLM; application for right-of-way has been submitted. Ampolex is also currently in the process of obtaining a permit from the State Division of Water Rights for the use of water from the Colorado River for drilling operations. Each APD consists of the following:

- Form OGC-1A: Application for Permit to Drill
- Exhibit A: Location & Elevation Plat
- Exhibit A-1: Plan View with Reference Stakes
- Exhibit B: Ten-Point Compliance Program
- Exhibit C: Blow-Out Prevention Equipment Diagram
- Exhibit D: Multi-Point Requirements for APD
- Exhibit E: Plat showing locations, roads, access, etc.
- Exhibit E-1: Area map showing locations, roads, access, etc.
- Exhibit F: Cultural Resources Survey Report & location plat
- Exhibit G: Cut-and-Fill Cross-Section
- Exhibit H: Drill Rig Layout
- Exhibit I-1: Evidence of Bond Coverage (Federal)
- Exhibit I-2: Evidence of Bond Coverage (Utah)

RECEIVED  
JAN 02 1990

DIVISION OF  
OIL, GAS & MINING

Exhibit E is a 1"=2000' map of the area showing all four (4) proposed drilling locations, proposed access roads, existing roads, etc.; Exhibit E-1 is an area map showing locations relative to Utah State Highway 95 and San Juan County Road 208-A.

**Application for Permit to Drill  
White Canyon Area, San Juan County, Utah  
Page 2**

The Blow-Out Prevention Equipment diagrammed in Exhibit C is a 3000# working pressure BOP stack. While anticipated formation pressures to be encountered will probably be on the order that a 2000# BOP stack could handle, availability favors the 3000# equipment. In accordance with 43 CFR 3160 Part V, A. Well Control Requirements, "...higher rated equipment may be used to meet and maintain these standards without being held to the higher standards normally applied to such equipment...The use of equipment of a higher pressure rating than that approved does not subject the operator to the specifications for the higher pressure rated equipment". Ampolex therefore requests approval for the 2000# BOP equipment, but if not available, approval of 3000# BOP equipment to be utilized and tested in accordance with the specifications of a 2000# system.

If there are any questions regarding these applications, please do not hesitate to call me in Denver at (303)-297-1000.

Respectfully Submitted,

For and on behalf of  
AMPOLEX (TEXAS), INC.



John A. Brooks  
Petroleum Engineer  
AMPOL EXPLORATION (U.S.A.), INC.

**FEDERAL EXPRESS**

USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

**AIRBILL**  
PACKAGE  
TRACKING NUMBER

5321552320

5321552320

**RECIPIENT'S COPY**

Date 12/29/89		From (Your Name) Please Print <b>John A. Brooks</b>		Your Phone Number (Very Important) <b>(801) 297-1000</b>		To (Recipient's Name) Please Print		Recipient's Phone Number (Very Important) <b>(801) 538-5503</b>	
Company <b>AMCOL EXPLORATION</b>		Department/Floor No.		Company		Department/Floor No.		Utah Board of Oil, Gas & Mining	
Street Address <b>3225 17TH ST ATE 3000</b>		City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) <b>Suite 350, 3 Triad Center, 355 West North T</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	
City <b>DENVER</b>		State <b>CO</b>		ZIP Required <b>80202</b>		City <b>Salt Lake City,</b>		State <b>Utah</b>	

**YOUR BILLING REFERENCE INFORMATION (First 24 characters will appear on invoice.)**

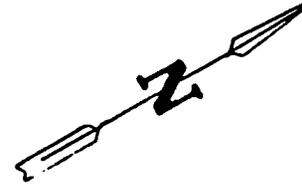
**IF HOLD FOR PICK-UP, Print FEDEX Address Here**  
Street Address  
City  
State  
ZIP Required

1  Bill Sender 2  Bill Recipient's FedEx Acct. No 3  Bill 3rd Party FedEx Acct No 4  Bill Credit Card  
5  Cash

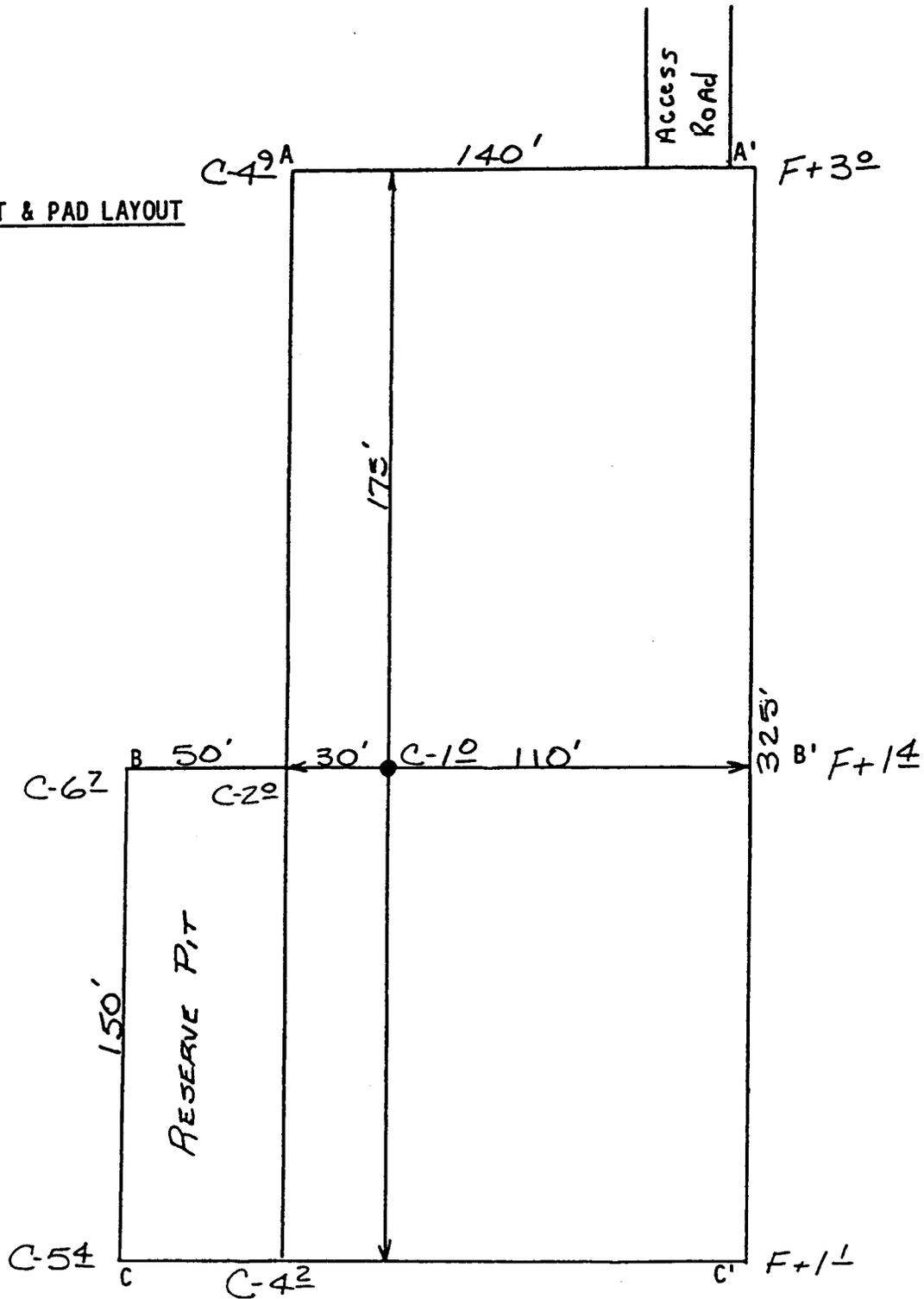
<b>SERVICES</b> (Check only one box) <b>Priority Overnight Service</b> (Delivery by next business morning!) 11 <input type="checkbox"/> YOUR PACKAGING 51 <input type="checkbox"/> 16 <input type="checkbox"/> FEDEX LETTER * 56 <input type="checkbox"/> FEDEX LETTER * 12 <input checked="" type="checkbox"/> FEDEX PAK * 52 <input type="checkbox"/> FEDEX PAK * 13 <input type="checkbox"/> FEDEX BOX 53 <input type="checkbox"/> FEDEX BOX 14 <input type="checkbox"/> FEDEX TUBE 54 <input type="checkbox"/> FEDEX TUBE <b>Economy Service</b> (Formerly Standard Air) (Delivery by second business day!) 30 <input type="checkbox"/> ECONOMY SERVICE 80 <input type="checkbox"/> DEFERRED HEAVYWEIGHT ** † Delivery commitment may be later in some areas. *Declared Value Limit \$100. **Call for delivery schedule.		<b>DELIVERY AND SPECIAL HANDLING</b> 1 <input type="checkbox"/> HOLD FOR PICK-UP (Fill in Box H) 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge) <input type="checkbox"/> 4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 5 <input type="checkbox"/> CONSTANT SURVEILLANCE SVC. (CSS) (Extra charge) (Release Signature Not Applicable) 6 <input type="checkbox"/> DRY ICE Lbs 7 <input type="checkbox"/> OTHER SPECIAL SERVICE 8 <input type="checkbox"/> 9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> HOLIDAY DELIVERY (if offered) (Extra charge)		<b>PACKAGES</b> WEIGHT in Pounds Only YOUR DECLARED VALUE OVER SIZE Total: Total: Total: 1 -0- <b>DIM SHIPMENT (Heavyweight Services Only)</b> <input type="checkbox"/> Received At: 1 <input type="checkbox"/> Regular Stop 2 <input type="checkbox"/> On-Call Stop 3 <input type="checkbox"/> Drop Box 4 <input type="checkbox"/> BSC 5 <input type="checkbox"/> Station FedEx Emp. No.		Emp. No. Date <input type="checkbox"/> Cash Received <input type="checkbox"/> Return Shipment <input type="checkbox"/> Third Party <input type="checkbox"/> Chg To Del. <input type="checkbox"/> Chg To Hold Street Address City State Zip Received By: X Date/Time Received FedEx Employee Number Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges REVISION DATE 8/89 PART #19501 EXEM 0-89 FORMAT #014 <b>014</b> © 1989 F.E.C. PRINTED IN U.S.A.	
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# EXHIBIT A-1

Ampol Exploration (U.S.A.) Inc.  
State 32-16  
Section 16, T.35S, R.15E  
1915fn1, 2110fe1  
San Juan County, Utah



PIT & PAD LAYOUT



**EXHIBIT B**  
**TEN-POINT COMPLIANCE PROGRAM**  
**OF NTL-6 APPROVAL OF OPERATIONS**

Attached to Form OGC-1A  
 Application for Permit to Drill  
 White Canyon Area  
 Ampolex (Texas). Inc.

Well: State 32-16  
 Location: 1915' FNL 2110' FEL - SW NE Section 16 T35S R15E  
 County: San Juan  
 State: Utah  
 Projected Total Depth: 3,000'  
 Estimated Ground Elevation: 4,697'  
 Estimated KB: 4,707'

**1. THE GEOLOGIC SURFACE FORMATION**

The geologic surface formation is Permian Organ Rock Shale.

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

<u>TOPS</u>		<u>ESTIMATED DEPTH</u>
PERMIAN	Organ Rock Shale	(surface)
	Cedar Mesa Sandstone	20'
	Halgaito/Rico	620'
PENNSYLVANIAN	Upper Hermosa	1,420'
	Paradox (Cycles 0 & 1)	2,095'
	Ismay (Cycles 2 & 3)	2,240'
	Desert Creek (4 & 5)	2,370'
	Chimney Rock Shale	2,570'
	Akah	2,600'
	Barker Creek	2,780'
TOTAL DEPTH		3,000'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS**

Upper Hermosa	1,420'
Desert Creek	2,370'

**4. PROPOSED CASING PROGRAM**

<u>Hole Size</u>	<u>Interval</u>	<u>Interval Length</u>	<u>Pipe O.D.</u>	<u>Weight, Grade and Coupling</u>	<u>New or Used</u>
17-1/2"	0 - 60'	60'	13-3/8"	48#	NEW
12-1/4"	0 - 300'	300'	8-5/8"	24# J-55 ST&C	NEW
6-1/4"	0 - 3000'	3000'	4-1/2"	10.5# J-55 ST&C	NEW

**4. PROPOSED CASING PROGRAM (Cont.)**

Cement Program:

Conductor: 100 sacks, Class "B", cement to surface.  
Surface Casing: 200 sacks Class "G", cement to surface.  
Prod. Casing: 165 sacks of Light followed by 150 sacks Class "G"

**5. THE OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

Exhibit C is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams each time pipe is pulled out of the hole. Such checks of the BOP's will be noted on daily drilling reports.

Accessories to the BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

**6. THE TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUDS**

The mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle any spills of fuel or oil on the surface. Additional weighting material will be on location to be added if the pressures encountered so require. Adequate stocks of lost circulation materials will also be on site. Mud weight will be increased to 9.0 - 9.5 ppg when drilling through the Desert Creek. Enough weight material will be on location to increase mud weight to 11.0 ppg if necessary.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT (ppg)</u>	<u>Vis.</u>	<u>FLUID LOSS</u>
0' - 300'	Water	8.8	--	--
300' - 2,085'	Water & gel + Barite & LCM as needed.	8.8	27	--
2,085' - TD	Water, gel, soda ash, caustic soda & Barite & LCM as needed.	8.6 - 9.5	35-40	8-10

**7. AUXILIARY EQUIPMENT TO BE USED**

- a. An upper kelly cock will be kept in the drill string.
- b. A float will be used at the bit.
- c. Both a mud logging unit and detecting devices will monitor the mud system from 2,085' to T.D. Mud will also be monitored visually.
- d. A stabbing valve will be on the floor to be stabbed into the drill pipe when the Kelly is not in the drill string.

**8. TESTING, LOGGING AND CORING PROGRAMS TO BE FOLLOWED**

- a. Two drill stem tests will be conducted: one in the Ismay formation and one in the Desert Creek Formation.
- b. The logging program will consist of the following:  
Dual Induction/Sonic surface casing - TD  
FDC/CNL/GR/CBL Upper Hermosa - TD
- c. Two cores are planned: one in the Ismay and one in the Desert Creek.
- d. Completion program will be by acid treatment. An appropriate Sundry Notice will be submitted for approval.

**9. ABNORMAL PRESSURE OR TEMPERATURES**

No abnormal pressures or temperatures have been reported in wells drilled in the area at the depths anticipated in this well. Bottom hole pressure is expected to be 1,500 psi (+ or -).

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

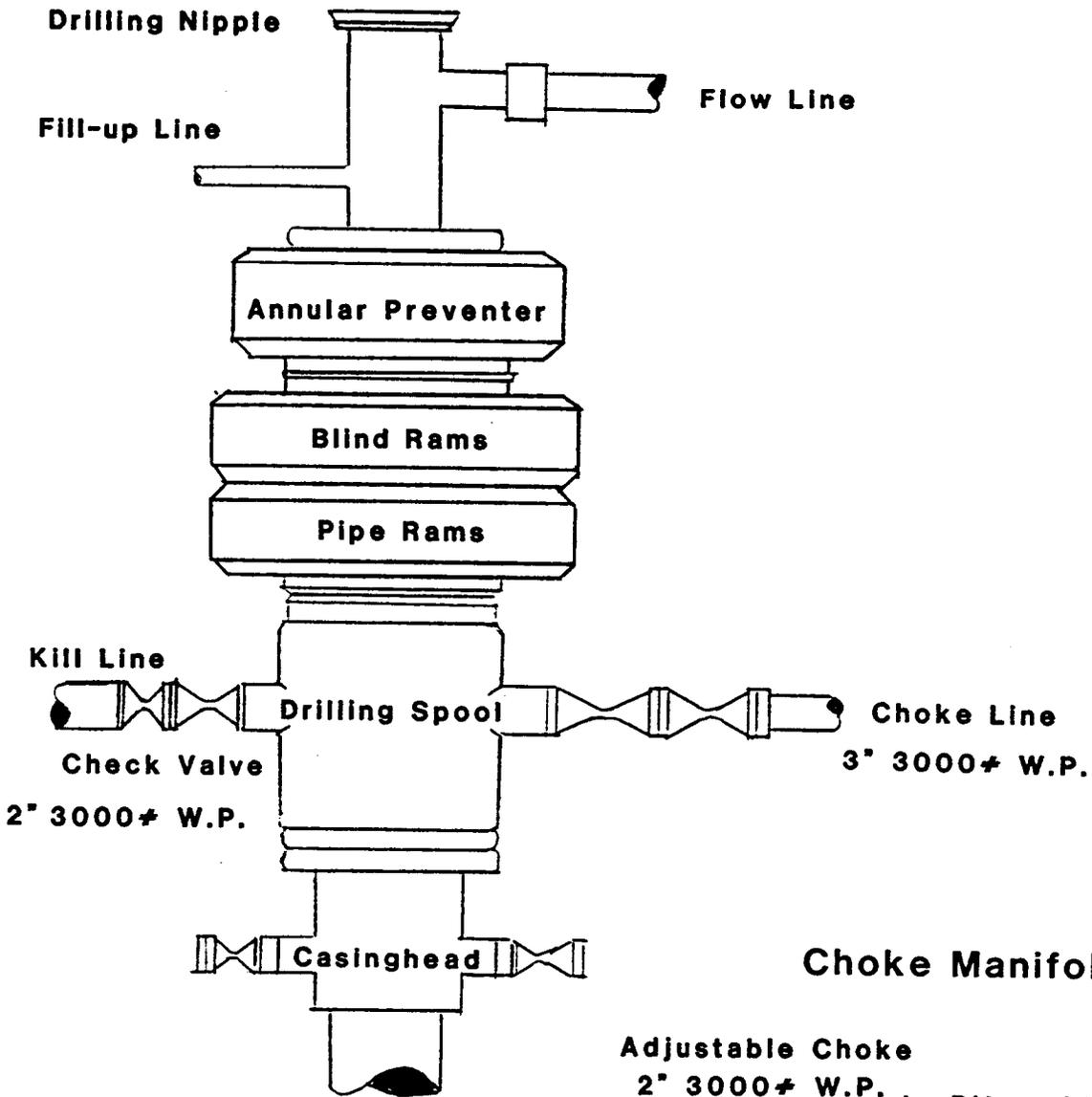
**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

The anticipated starting date is set for late March, 1990 or as soon as possible after examination and approval of drilling requirements. Operations should be completed within twenty-one (21) days after spudding the well.

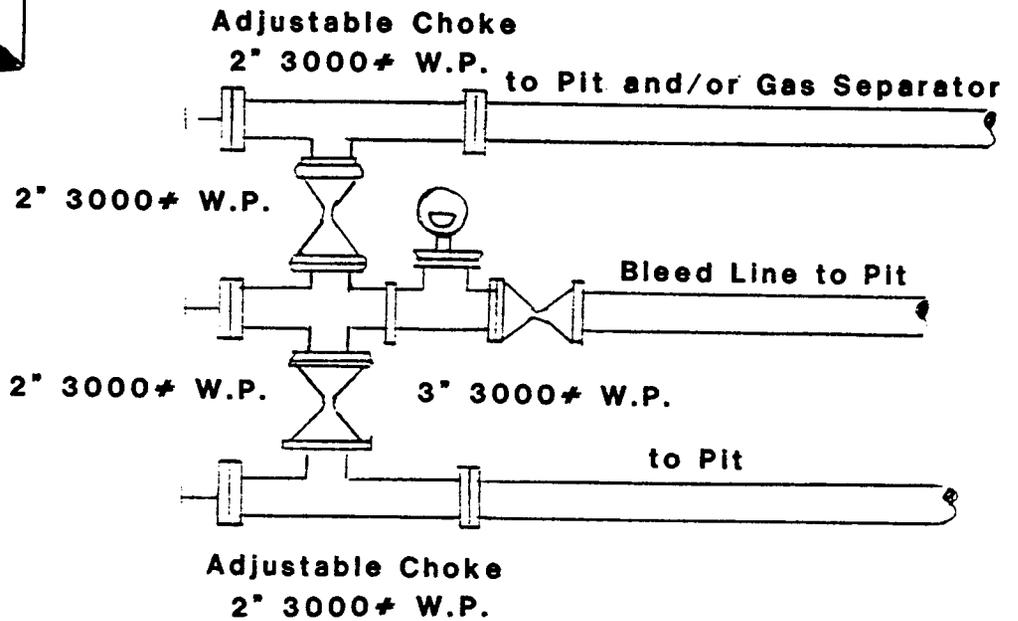
**EXHIBIT C**  
**Blow Out Preventer Equipment**

**BOP Stack**

**STATE 32-16**



**Choke Manifold**



## EXHIBIT D

### MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Attached to Form OGC-1A  
Application for Permit to Drill  
White Canyon Area  
Ampolex (Texas). Inc.

Well: State 32-16  
Location: 1915' FNL 2110' FEL - SW NE Section 16 T35S R15E  
County: San Juan  
State: Utah  
Projected Total Depth: 3,000'  
Estimated Ground Elevation: 4,697'  
Estimated KB: 4,707'

#### 1. EXISTING ROADS

- a. The proposed well site and elevation plat is shown on Exhibits A & A-1.
- b. The distance from Fry Canyon store is 9.5 miles. From Fry Canyon store, go northwest on Utah State Highway 95 9.5 miles. Turn southwest on dirt road approximately 250' to location.
- c. The existing road, Utah State Highway 95 needs no improvement.
- d. All roads to location are shown on Exhibits E & E-1. The only road construction required will be for the 250' of access road as shown on Exhibits E & E-1. An encroachment permit will be obtained from the San Juan County Road Department for use of county roads, and the Utah Department of Transportation for use of State roads.

#### 2. PLANNED ACCESS ROADS

There will be approximately 250' of new access road required. Existing roads are shown on Exhibits E & E-1. The proposed 250' of road will run in a southwesterly direction from Utah State Highway 95. The maximum total disturbed width will be 30'. This proposed route is also shown on Exhibits E & E-1 and will require an encroachment permit from the Utah Department of Transportation. Use of this road will be required for approximately thirty (30) days for drilling operations and up to thirty (30) or more years if the well is productive. If the well is not productive, the access road will be rehabilitated within sixty (60)

2. PLANNED ACCESS ROADS (Cont.)

days of cessation of drilling operations in the manner set forth below in Item 10, Plans for Restoration of Surface. Surface disturbance and vehicular traffic will be limited to the approved location and access road. Any additional area needed will be approved in advance.

3. LOCATION OF EXISTING WELLS

- a. There are no water wells within a one-mile radius of this location.
- b. There are no abandoned wells in this one-mile radius.
- c. There are no temporarily abandoned wells in this one-mile radius.
- d. There are no disposal wells in this one-mile radius.
- e. There are no wells presently being drilled in this one-mile radius.
- f. There are no producing wells in this one-mile radius.
- g. There are no shut-in wells in this one-mile radius.
- h. There are no injection wells in this one-mile radius.
- i. There are no monitoring or observation wells for other uses in this one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Since this well is an exploration well with little or no basis for identifying the nature of potential hydrocarbons that might be found, if any, Ampolex prefers to obtain drilling results before submitting plans for placement of production and/or gathering facilities.

5. LOCATION AND TYPE OF WATER SOURCE

- a. The source of water will be the Colorado River. The river will be accessed by Farley's Access, a county-maintained gravel road, that traverses three (3) miles through the Glen Canyon National Recreation Area

**5. LOCATION AND TYPE OF WATER SOURCE (Cont.)**

- a. between Highway 95 and the river. A right-of-way permit will be obtained from the Glen Canyon N.R.A. and the San Juan County Road Department. A temporary water use permit will be obtained from the Utah State Engineer in Price, Utah.
- b. Water will be transported by truck over existing roadways and proposed access road(s) as shown on Exhibits E & E-1.
- c. No water well is currently planned to be drilled on this lease.

**6. CONSTRUCTION MATERIALS**

- a. It is not anticipated that any offsite construction materials will be needed; the surface soil materials should be sufficient. In the event that additional construction materials are needed, they will be provided by local contractors.
- b. It is anticipated that all surface soil materials for construction of access roads for drilling are sufficient. If the well is productive, and material from road and pad is not sufficient, additional surface materials will be obtained from local contractors.
- c. All major access roads presently exist as shown on Exhibits E & E-1.

**7. HANDLING OF WASTE MATERIALS AND DISPOSAL**

- a. Drill cuttings will be buried in the reserve pit.
- b. Drilling fluids will be handled in the reserve pit.
- c. Any fluids produced during a drilling test or while conducting a production test will be collected in a test tank. Any spills of oil, gas or salt waters will be cleaned up and removed. If the well is productive, produced water will be stored on-site for ninety (90) days after initial production. After that time, application will be made for approval of permanent disposal method in compliance with NTL-2b.

7. HANDLING OF WASTE MATERIALS AND DISPOSAL (Cont.)

- d. Portable chemical facilities will be provided for human waste.
- e. Garbage and non-flammable waste and salt and other chemicals produced during drilling or testing will be handled in a trash basket and hauled to a county refuse facility as necessary.

8. ANCILLARY FACILITIES

Camp facilities will not be required on location other than three (3) trailers. A camper or trailer may be required at the water source for water-hauling operations. If so required, approval will be sought in conjunction with application for the water-use permit from the Glen Canyon N.R.A. and/or San Juan County Road Department.

9. WELL-SITE LAYOUT

The well-site layout is depicted in Exhibit G (cut and fill cross-sections) and in Exhibit H (drill rig layout).

10. PLANS FOR RESTORATION OF SURFACE

- a. Within 24 hours of completion of drilling, the location and surrounding area will be cleared of all debris, materials, and junk not required for production.
- b. Within 18 months following the cessation of drilling operations, or when the reserve pit has dried, whichever is least, all areas not needed for production (including access road) will be filled in, recontoured to approximately natural contours and as much top soil as was removed replaced, leaving enough for future restoration (unless well is a dry hole). The remaining top soil, if any, will be stabilized and seeded in place. After contouring and prior to seeding, location will be "ripped" and "torn" in 18" widths, 6" deep.
- c. The area will be seeded between October 1st and February 28th as directed by the Utah Division of Lands and Forestry.

11. OTHER INFORMATION

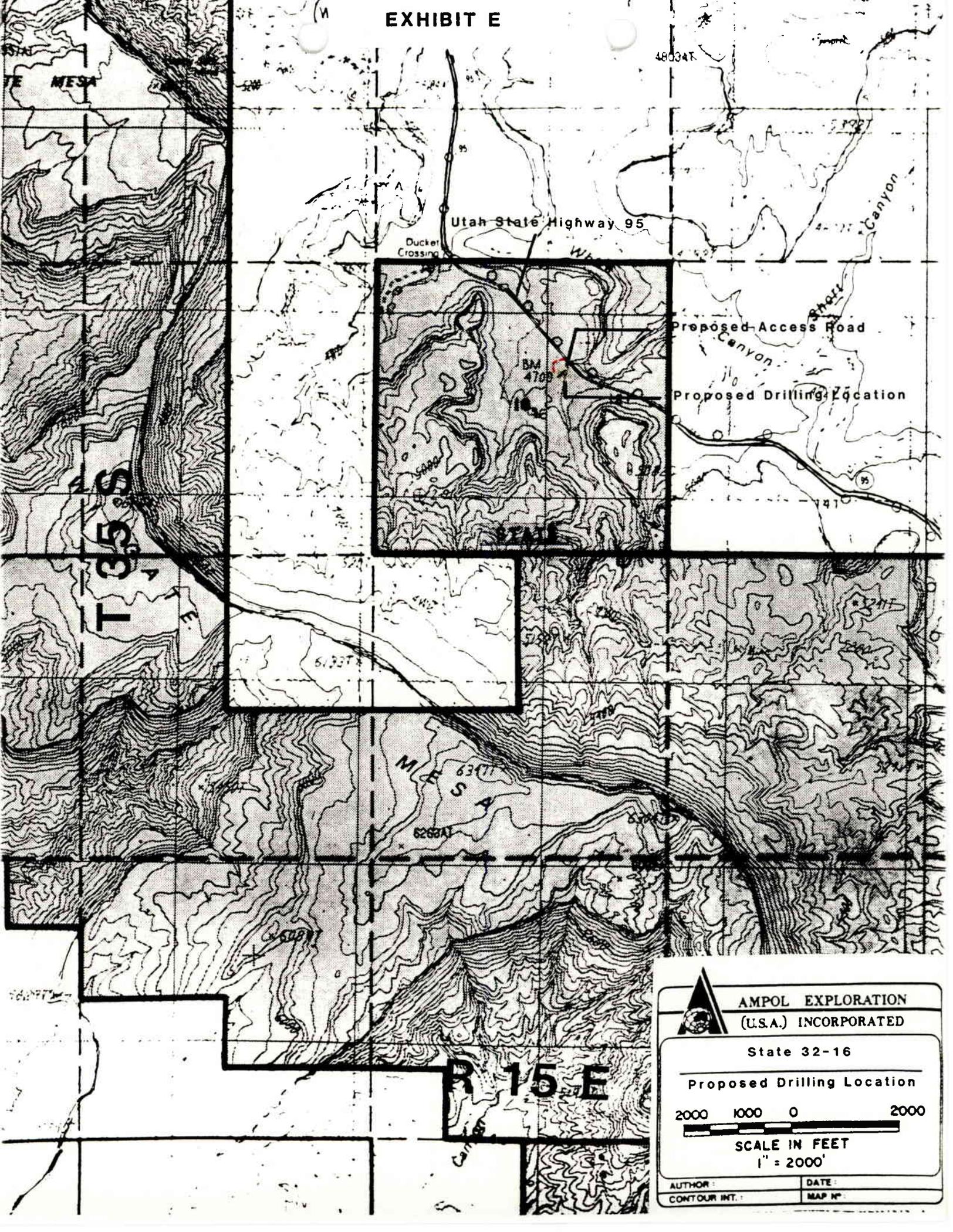
- a. No occupied dwellings are known to exist in the area.
- b. The closest live water is the Colorado River, approximately 9 miles north of the the proposed drilling location.
- c. A dry hole on BLM land in Section 4-T35S-R15E was drilled in 1961 and has been converted to a water well, and is currently used for ranching purposes. Conversations between the water hauling contractor and the rancher indicated the well would not be able to supply sufficient volumes of water for drilling operations even if substantial improvements were made to the pumping apparatus.
- d. There are no reported restrictions or reservations noted on the oil and gas lease.
- e. Drilling is planned for late March 1990. It is anticipated that the casing point will be reached within 16 days after commencement of drilling operations.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

John A. Brooks  
Ampolex (Texas), Inc.  
1225 17th Street, Suite #3000  
Denver, Colorado 80202  
(303) 297-1000



EXHIBIT E



48034E

Utah State Highway 95

Duckett Crossing

Proposed Access Road

Proposed Drilling Location

BM 4769

T 35 S

R 15 E



AMPOL EXPLORATION (U.S.A.) INCORPORATED

State 32-16

Proposed Drilling Location

2000 1000 0 2000



SCALE IN FEET

1" = 2000'

AUTHOR :

DATE :

CONTOUR INT. :

MAP N° :

# EXHIBIT E-1

State 32-16

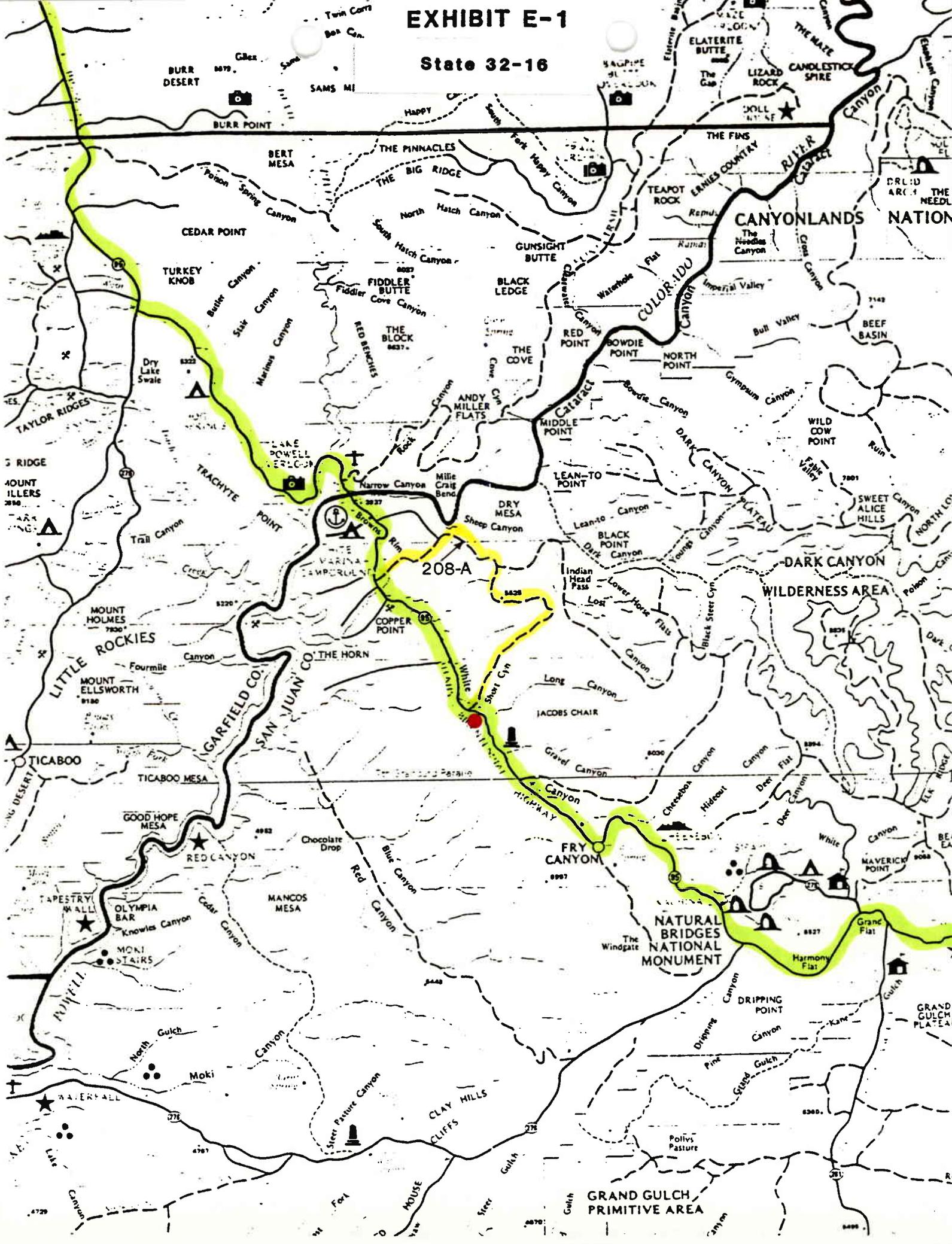


EXHIBIT F

# Cultural Resource Management Report

STATE 32-16 CULTURAL RESOURCES INVENTORY  
SAN JUAN COUNTY, UTAH

Written By:

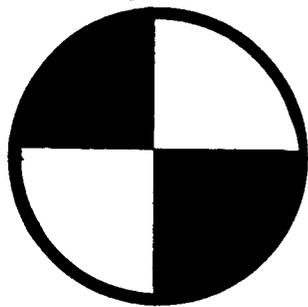
Brian P. O'Neil, M.A.

Submitted To:

AMPOL EXPLORATION (U.S.A.), INC.  
1225 - 17th Street, Suite 3000  
Denver, Colorado 80202

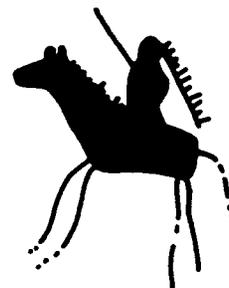
Date:

November 7, 1989

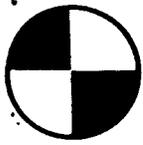


***POWERS ELEVATION CO., INC.***

P.O. Box 440889  
Aurora, CO 80044  
(303) 321-2217



**Archaeology Department**



# Powers Elevation Co., Inc.

P.O. Box 440889, Aurora, CO 80044  
Phone 303-321-2217  
Toll Free 1-800-824-2550  
FAX 303-321-2217

PROJECT IDENTIFICATION: A cultural resources inventory for Ampol Exploration (U.S.A.), Inc., White Canyon Prospect, State 32-16, well pad and access, San Juan County, Utah; on lands administered by the state of Utah.

ANTIQUITIES PERMIT NO: 88UT54629  
STATE PERMIT PROJECT NO: U-89-PA-634s

FILES SEARCH: A files search was conducted at the State of Utah, Division of State History, Archaeological Records Office, on October 17, 1989. The files search, by Ms. Evelyn Seelinger, revealed no previous surveys conducted within the section associated with this project. An additional files search was conducted at the BLM San Juan Resource Area, in Monticello, Utah on October 26, 1989. This files search also revealed no previous surveys within the section associated with this project. No previously recorded sites are reported by either agency within that portion of the section associated with this project.

LOCATION: The proposed project is located at 1,915' FNL, 2,110' FEL, Section 16, T.35S., R.15E.

MAP REFERENCE: Mancos Mesa NE, 7.5', provisional, 1987.

DATE OF INVESTIGATION: October 2 , 1989.

PERSONNEL: Brian P. O'Neil, Field Investigator; Marcia J. Tate, Principal Investigator.

PROPOSED ACTION: The proposed action is the construction of a well pad measuring approximately 350 feet east-southeast/west-northwest by 200 feet north-northeast/south-southwest. The access road to the proposed well location is approximately 250 feet long from its take off point along Utah State Highway #95.

The objectives of the cultural resources inventory were to locate and document any historic or prehistoric cultural resources occurring within the proposed well location and staging area, and to recommend appropriate procedures for the management of such resources. The accomplishment of these objectives fulfills the compliance requirements set forth in the Antiquities Act of 1906, the Historic Preservation Act of 1966, Executive Order No. 11593 of 1971, the Archaeological and Historic Conservation Act of 1980, the Utah State Antiquities Act of 1973, and the Archaeological Resources Protection Act of 1979.

ENVIRONMENT: The proposed project area is located in the Colorado River canyon country of the Colorado Plateau in southeastern Utah. The local landforms consist of benched and incised tributary drainages to the Colorado River which have downcut through the Navajo, Kayenta, and Wingate Sandstones, and

ENVIRONMENT, CONTINUED: ...into the Chinle and Moenkopi Formations. Exposed to the east is the underlying White Rim Sandstone of the Cutler Group. The nearest permanent drainage is White Canyon. The soils in the project area are a reddish-brown, silty, sandy clay loam with sandstone talus and pea gravels. Vegetation consists of snakeweed, rabbit brush, four-winged saltbush, sage, antelope brush, prickly pear cactus, and native grasses. Ground visibility is approximately 70 to 90%. Slope is 2 to 6% grades, and the exposure is open. Elevation is approximately 4,700 feet.

FIELD METHODS: A 10 acre area surrounding the well pad center stake was surveyed by walking a series of parallel east-west transects at intervals of 15 m. Ant hills, rodent burrows, road cuts, and erosional cuts etc. were examined for evidence of buried cultural materials. The access to the proposed well location was surveyed by walking a pair of sinuous transects, 50 feet each side of the center line, to form a 100 foot wide right-of-way, approximately 250 feet long, from its take off point along Utah State Highway 95, outside the 10 acre survey area.

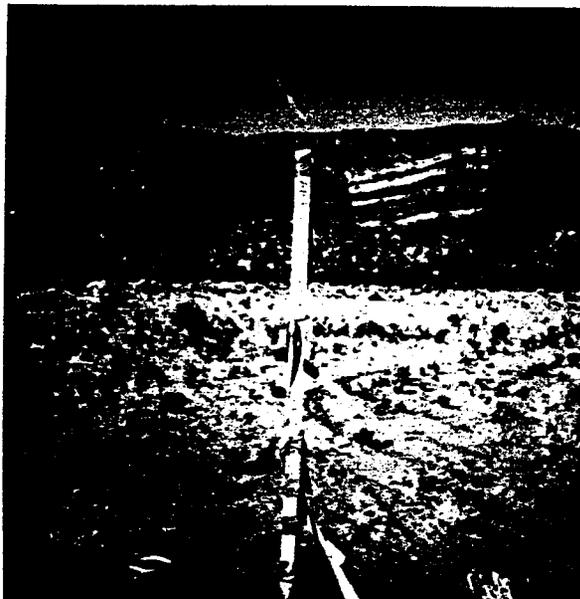
ADDITIONAL OBSERVATION: The proposed location of the well pad is situated in what appears to be a borrow area utilized during the construction of the highway. This area has obviously been disturbed by blading, then recontoured, and revegetated using native grasses. The southeastern edge of the proposed well pad is near an existing benchmark with a 4,700 foot elevation.

RESULTS: No historic or prehistoric cultural resources were observed within the proposed project survey area. A total area of 10.6 acres was surveyed.

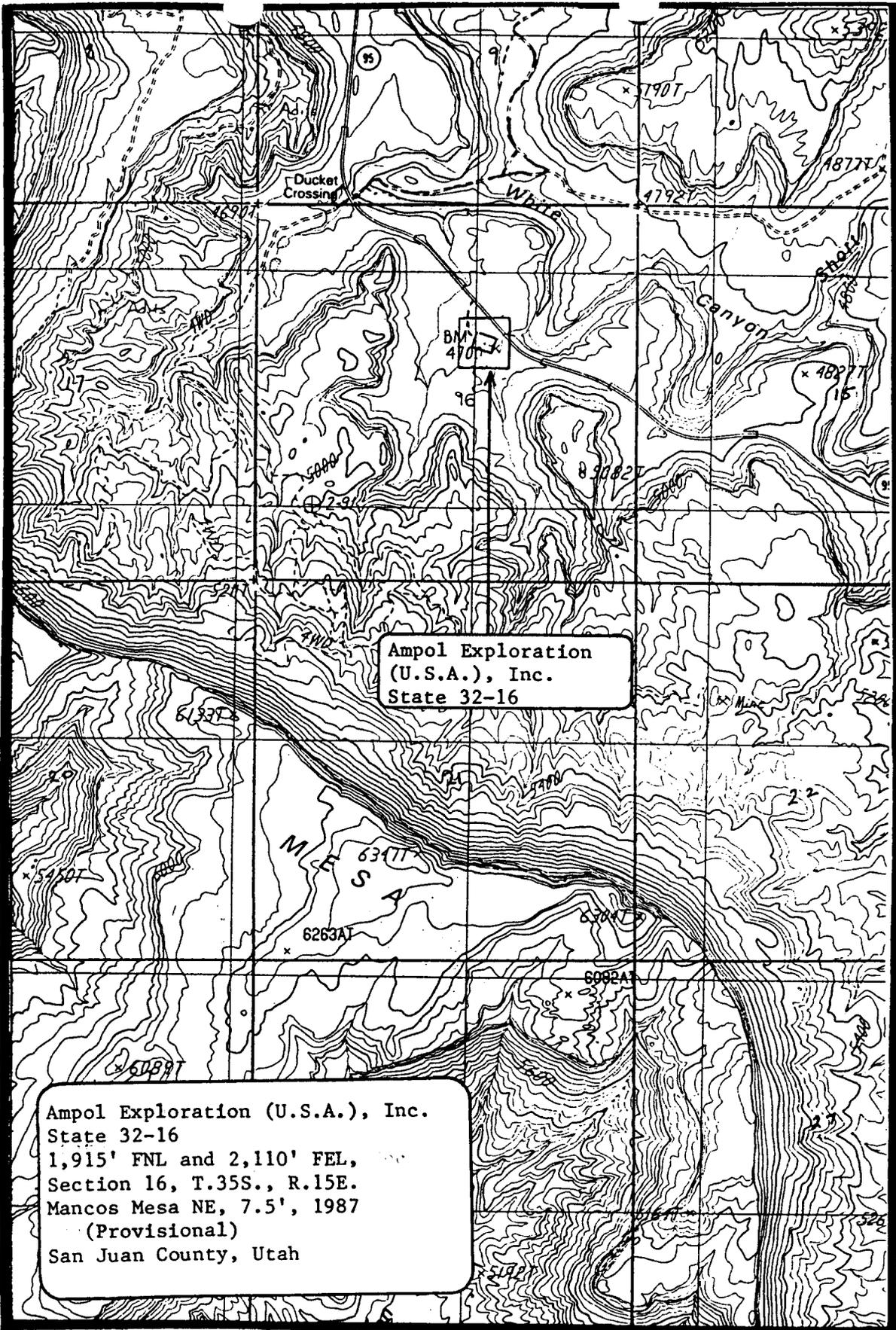
RECOMMENDATIONS: Due to the absence of any prehistoric or historic cultural resources within the proposed project area, we recommend that the project be allowed to proceed.

Marcia J. Tate      11/9/89  
Marcia J. Tate      Date  
Principal Investigator

Ampol Exploration (U.S.A.), Inc.  
State 32-16  
1,915' FNL and 2,110' FEL,  
Section 16, T.35S., R.15E.  
San Juan County, Utah



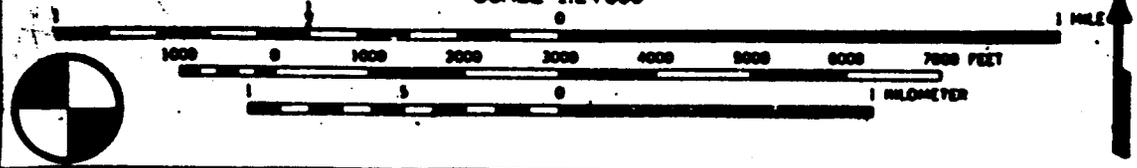
Looking west at center stake.



Ampol Exploration  
(U.S.A.), Inc.  
State 32-16

Ampol Exploration (U.S.A.), Inc.  
State 32-16  
1,915' FNL and 2,110' FEL,  
Section 16, T.35S., R.15E.  
Mancos Mesa NE, 7.5', 1987  
(Provisional)  
San Juan County, Utah

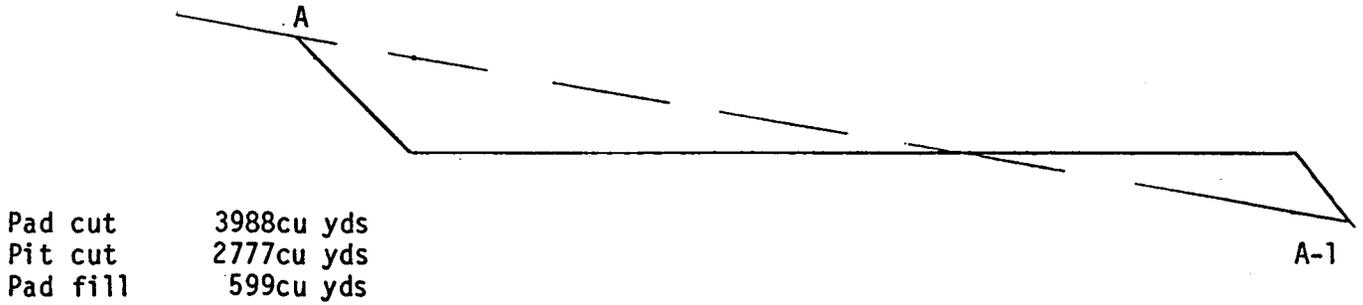
SCALE 1:24 000



# EXHIBIT G

Ampol Exploration (U.S.A.) Inc.  
State 32-16  
Section 16, T.35S, R.15E  
1915fn1, 2110fe1  
San Juan County, Utah

## CROSS SECTIONS & DIRT QUANTITIES



### Scale

Horizontal: 1"=30'

Vertical: 1"=10'

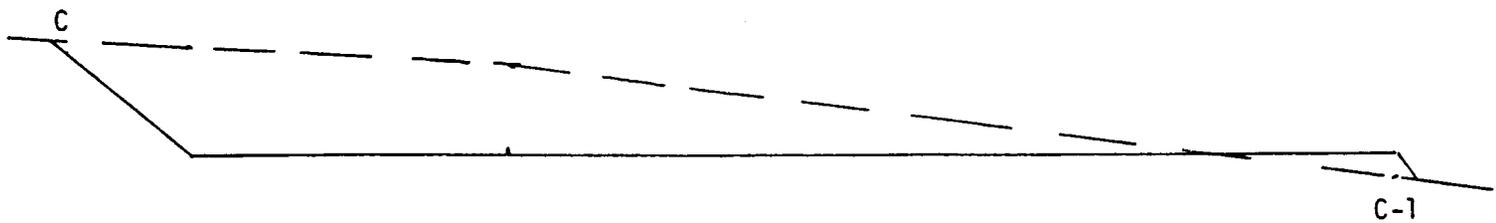
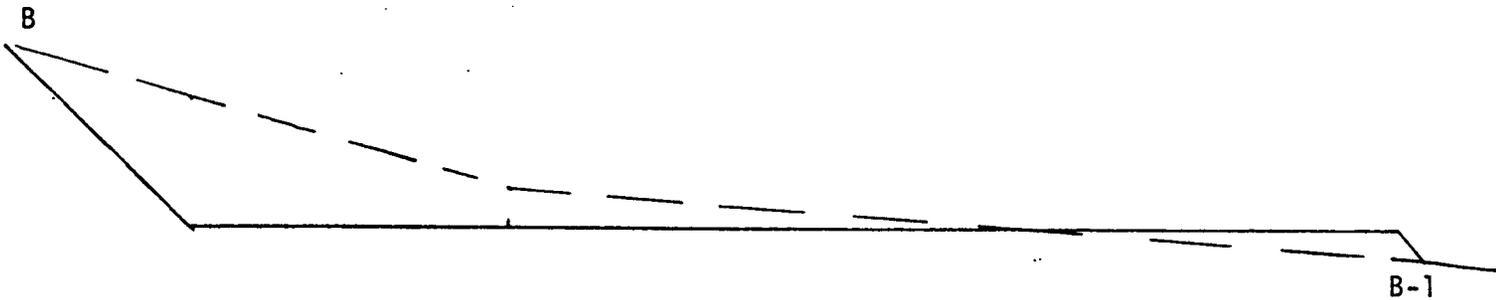


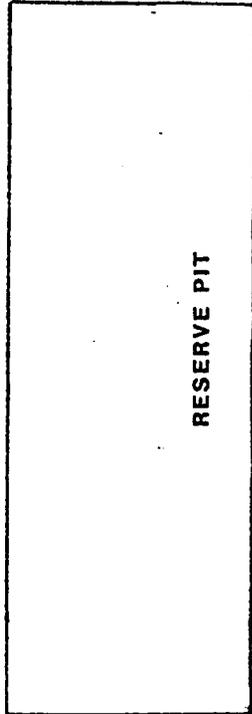
EXHIBIT H

Ampolex (Texas), Inc.  
State 32-16  
Section 16, T.35S, R.15E  
1915fn1, 2110fe1  
San Juan County, Utah



150'

50'



RESERVE PIT

TRASH CAGE



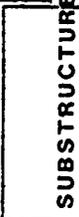
CHEMICAL TOILET

MAIN PUMP

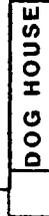


MUD TANK

STANDBY PUMP



SUBSTRUCTURE



DOG HOUSE

GENERATOR HOUSE



(WATER TANK & FUEL TANK BELOW)

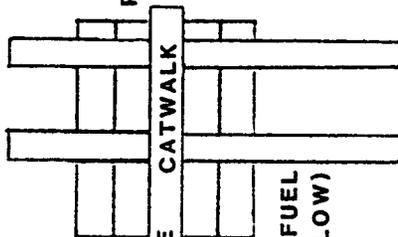


STANDBY WATER TANK

TURNAROUND

PIPE BASKETS

PIPE RACK



CATWALK

TRAILER HOUSE



TRAILER HOUSE



PARKING

ACCESS

140'

325'

SCALE: 1" = 40'

**EVIDENCE OF BOND COVERAGE**  
**EXHIBIT'S I-1 & I-2**  
**(attached)**

**EXHIBIT I-1**

United States Department of the Interior  
Bureau of Land Management  
Nationwide Oil & Gas Bond  
Form 3104-8  
Bond No. 69HF3973

**EXHIBIT I-2**

State of Utah Bond of Lessee  
Bond No. TO 02 01 44 3

COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE  
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable

KNOW ALL MEN BY THESE PRESENTS, That we AMPOL EXPLORATION (U.S.A.) INC. and its subsidiaries  
of Ampolex (California), Inc., Ampolex (Texas), Inc. and Ampolex (Wyoming), Inc.  
of 1225 17th Street, Denver, Colorado 80202  
as principal, and Insurance Company of North America  
of Philadelphia, Pennsylvania

as surety, are held and firmly bound unto the United States of America in the sum of One Hundred Fifty Thousand  
and no/100\*\*\*\*\* dollars (\$ 150,000.00\*\*\*\*\* ), in lawful money  
of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for  
the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a  
statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any  
lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the  
same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits  
in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves,  
and each of our heirs, executors, administrators, and successors, jointly and severally.

- The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

1. Any oil and gas lease hereafter issued to, or acquired by the principal in the States now named in Schedule A, or later named in a rider, the coverage to be confined to the principal's holdings under the Acts cited and to become effective immediately upon such issuance or upon departmental approval of a transfer in favor of the principal.

2. Any operating agreement hereafter entered into or acquired by the principal affecting oil and gas leases in the States now named in Schedule A, or later named in a rider. The coverage shall become effective immediately upon departmental approval of the agreement or of a transfer of an operating agreement to the principal.

3. Any designation subsequent hereto of the principal as operator or agent of a lessee under a lease issued pursuant to the Acts cited and covering lands in a State named in Schedule A, either presently or by rider. This coverage shall become effective immediately upon the filing of such a designation under a lease.

4. Any extension of a lease covered by this bond, such coverage to continue without any interruption due to the expiration of the term set forth in the lease. *Provided, that the surety may elect to have the additional coverage authorized under this paragraph become inapplicable as to all interests of the principal acquired more than thirty (30) days after the receipt of notice of such election by the Bureau of Land Management.*

The surety hereby waives any right to notice of, and agrees that this bond shall remain in full force and effect notwithstanding:

1. A transfer or transfers, either in whole or in part, of any or all of the leases, or of the operating agreements, and further agrees to remain bound under this bond as to the interests either in the leases or in the operating agreements, or in both, retained by the principal when the approval of the transfer or transfers become effective.

2. Any modification of a lease or operating agreement, or obligations thereunder, whether made or effected by commitment of such lease or operating agreement to unit, cooperative, communitization or storage, agreements, or development contracts, suspensions of operations or production, waivers, suspensions or changes in rental, minimum royalty, and royalties, compensatory royalty payments, or otherwise; and

WHEREAS principal and surety hereby agree notwithstanding the termination of any lease or lease operating agreements or designations as operator or agent covered by this bond, whether the termination is by operation of law or otherwise, the bond shall remain in full force and effect as to all remaining leases, operating agreements, designations covered by the bond; and

WHEREAS the principal, as to any lease or part of a lease for lands as to which he has been designated as operator or agent, or approved as operator, in consideration of being permitted to furnish this bond in lieu of the lessees, and by these presents does hereby bind himself to fulfill behalf of each lessee all obligations of each such lease of the entire leasehold in the same manner and to the same extent as though he were the lessee; and

WHEREAS the principal and surety agree that the neglect or forbearance of said lessor in enforcing, as against the lessees of such lessor, the payment of rentals or royalties or the performance of any other covenant, condition or agreement of the leases, shall not, in any way, release the principal and surety, or either of them, from any liability under this bond; and

WHEREAS the principal and surety agree that in the event of any default under the leases, the lessor may comment and prosecute any claim, suit, action, or other proceeding against the principal and surety, or either of them, without the necessity of joining the lessees.

NOW, THEREFORE, IF said principle shall in all respects faithfully comply with all of the provisions of the lease referred to hereinbefore, then the above obligations are to be void; otherwise to remain in full force and effect.

Signed on this 1st day of July, 1987, in the presence of:

NAMES AND ADDRESSES OF WITNESSES

ATTEST:

*[Signature]*  
James J. Bell, Assistant Secretary  
Bureau of Land Management  
1225 - 17th Street, Suite 3000, Denver, CO 80202

*[Signature]*

*[Signature]*  
AMPOL EXPLORATION (U.S.A.) INC. (L.S.)  
B. D. Emmett, Vice President  
1225 17th Street  
Denver, CO 80202  
(Business Address)  
*[Signature]* Attorney-in-fact  
Insurance Company of North America (L.S.)  
(Surety)  
P. O. Box 27706  
Houston, TX 77027  
(Business Address)

RIDER DESIGNED TO EXTEND STATEWIDE OR NATION-WIDE BONDS TO INCLUDE LEASES WHERE THE PRINCIPAL IS A DESIGNATED OPERATOR

In consideration for the payment of any additional premium charged for this rider and the acceptance of this rider by the Bureau of Land Management on behalf of the United States of America, the undersigned Principal and Surety hereby extend the coverage of Bond No. 69HF3973, to all of the leases where the Principal has been designated as the operator by the lessee(s) or holder(s) of the operating rights and the Principal hereby agrees to be bound by all the terms and conditions of any lease wherein the Principal is designated as operator and files such designation with an appropriate officer of the Bureau, whether or not the designation is subsequently revoked, until all the terms and conditions of the lease have been satisfied, including the payment of any rentals and royalties due and the proper plugging and abandonment of any wells drilled on such lease; providing, however, that this rider shall not act to increase the actual cumulative or potential liability of the Surety above the face amount of the bond, One Hundred Fifty Thousand and no/100\*\*\*\*\* Dollars ( \$150,000.00\*); providing, further, however, that any limitation of liability on the part of the Surety shall not apply to the Principal who shall be liable to the same extent as the party or parties designating the Principal as Operator.

Executed this 1st day of July, 19 87.

ATTEST:

[Signature]  
Daniel J. Reid, Assistant Secretary

[Signature]  
Address and Address  
1227 - 17th Street, Suite 3000, Denver,  
CO 80202

[Signature]  
Witness and Address  
P.O. Box 5748  
DENVER, CO 80217

[Signature]  
Witness and Address  
P.O. Box 5748  
DENVER, CO 80217

AMPOL- EXPLORATION (U.S.A.) INC.

By [Signature]  
Principal B. D. Emmett; Vice President

[Signature]  
Surety Attorney-in-fact  
Insurance Company of North America

[Signature]  
Surety's Agent

RIDER

Bond No. 69HF3973

It is hereby agreed by and between the undersigned principal(s) and surety in consideration for the additional premium or consideration paid for this rider, if any, and the consent by the United States to terminate the liability on Bond No. 69HF3564 ) carrying the same principal(s) and Insurance Company of North America as surety, the undersigned principal(s) and surety hereby assume any and all liabilities that may be outstanding on Bond No. 69HF3564 ) including, but not limited to, the obligation properly to plug and abandon all wells existing on leases to which Bond No. 69HF3564 ) applies and any unpaid rentals or royalties heretofore accruing; provided, however, that this rider shall not act to increase the potential or cumulative liability of the surety above the face amount of the bond to which this rider attaches.

Executed this 1st day of July, 1987.

Witnesses: ATTEST:

[Signature]  
Dante J. Reid, Assistant Secretary

[Signature]  
Witness: Lynn R. Sellers

[Signature]

AMPOL EXPLORATION (U.S.A.) INC.

By [Signature]  
(Principal)  
B. D. Emmett, Vice President

[Signature]  
(Principal)

[Signature]  
(Principal)

Insurance Company of North America

(Surety)

[Signature]  
Attorney-in-fact

- POWER OF ATTORNEY -

574164

INSURANCE COMPANY OF NORTH AMERICA

PHILADELPHIA, PA.

Know all men by these presents: That INSURANCE COMPANY OF NORTH AMERICA, a corporation of the Commonwealth of Pennsylvania, having its principal office in the City of Philadelphia, Pennsylvania, pursuant to the following Resolution adopted by the Board of Directors of the said Company on May 28, 1975, to wit:

"RESOLVED, pursuant to Articles 3.6 and 5.1 of the By-Laws, the following Rules shall govern the execution for the Company of bonds, undertakings, recognizances, contracts and other writings in the nature thereof:

(1) That the President, or any Vice-President, Assistant Vice-President, Resident Vice-President or Attorney-in-Fact, may execute for and in behalf of the Company any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof, the same to be attested when necessary by the Secretary, an Assistant Secretary or a Resident Assistant Secretary and the seal of the Company affixed thereto; and that the President or any Vice-President may appoint and authorize Resident Vice-Presidents, Resident Assistant Secretaries and Attorneys-in-Fact to so execute or attest to the execution of all such writings on behalf of the Company and to affix the seal of the Company thereto.

(2) Any such writing executed in accordance with these Rules shall be as binding upon the Company in any case as though signed by the President and attested by the Secretary.

(3) The signature of the President or a Vice-President and the seal of the Company may be affixed by facsimile on any power of attorney granted pursuant to this Resolution, and the signature of a certifying officer and the seal of the Company may be affixed by facsimile to any certificate of any such power, and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company.

(4) Such Resident Officers and Attorneys-in-Fact shall have authority to certify or verify copies of this Resolution, the By-Laws of the Company, and any affidavit or record of the Company necessary to the discharge of their duties.

(5) The passage of this Resolution does not revoke any earlier authority granted by Resolution of the Board of Directors on June 9, 1953."

does hereby nominate, constitute and appoint ANTHONY A. JONES, JONELLE BAUSERMAN, and SUE DAVIDSON, all of the City of Denver, State of Colorado -----

each individually if there be more than one named, its true and lawful attorney-in-fact, to make, execute, seal and deliver on its behalf, and as its act and deed any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof. And the execution of such writings in pursuance of these presents, shall be as binding upon said Company, as fully and amply as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office.

IN WITNESS WHEREOF, the said MICHAEL B. FODOR, Vice-President, has hereunto subscribed his name and affixed the corporate seal of the said INSURANCE COMPANY OF NORTH AMERICA this 19th day of January 1983.



INSURANCE COMPANY OF NORTH AMERICA
Michael B. Fodor
MICHAEL B. FODOR Vice-President

STATE OF PENNSYLVANIA
COUNTY OF PHILADELPHIA } ss.

On this 19th day of January, A. D. 1983, before me, a Notary Public of the COMMONWEALTH OF PA. in and for the County of PHILADELPHIA came MICHAEL B. FODOR

MICHAEL B. FODOR, Vice-President of the INSURANCE COMPANY OF NORTH AMERICA to me personally known to be the individual and officer who executed the preceding instrument, and he acknowledged that he executed the same; that the seal affixed to the preceding instrument is the corporate seal of said Company; that the said corporate seal and his signature were duly affixed by the authority and direction of the said corporation, and that Resolution, adopted by the Board of Directors of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at the City of PHILADELPHIA the day and year first above written.

LETITIA H. CLARK
Notary Public Phila. Phila. County
My commission expires August 22, 1983

Letitia H. Clark
LETITIA H. CLARK Notary Public.

I, the undersigned, Assistant Secretary of INSURANCE COMPANY OF NORTH AMERICA, do hereby certify that the original POWER OF ATTORNEY, of which the foregoing is a full, true and correct copy, is in full force and effect. In witness whereof, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of the Corporation, this 1st day of July 1983.



(SEAL)
06.14670 Del 1112 A

JAMES S. WYLLIE
JAMES S. WYLLIE Assistant Secretary

POWER OF ATTORNEY

Insurance Company of North America  
a CIGNA company



Know all men by these presents: That INSURANCE COMPANY OF NORTH AMERICA, a corporation of the Commonwealth of Pennsylvania, having its principal office in the City of Philadelphia, Pennsylvania, pursuant to the following Resolution, which was adopted by the Board of Directors of the said Company on December 5, 1983, to wit:

RESOLVED, That pursuant to Articles I, II and L3 of the By-Laws, the following Rules shall govern the execution for the Company of bonds, undertakings, recognizances, contracts and other writings of the nature hereinafter set forth:

- (1) That the President, any Senior Vice President, any Vice President, any Assistant Vice President, or any Attorney-in-Fact, may execute for and on behalf of the Company any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof, the same to be attested when necessary by the Corporate Secretary or any Assistant Corporate Secretary, and the seal of the Company affixed thereto; and that the President, any Senior Vice President, any Vice President or any Assistant Vice President may execute and authorize any other Officer (selected or appointed) of the Company, and Attorneys-in-Fact to be executed or attested to as aforesaid or to the execution of or such writings on behalf of the Company and to affix the seal of the Company thereon.
- (2) Any such writing executed in accordance with these Rules shall be as binding upon the Company in any case as though signed by the President and attested to by the Corporate Secretary.
- (3) The signature of the President, or a Senior Vice President, or a Vice President, or an Assistant Vice President and the seal of the Company may be affixed by facsimile or any power of Attorney granted pursuant to this Resolution, and the signature of a certifying Officer and the seal of the Company may be affixed by facsimile on any certificate of any such power, and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company.
- (4) Such other Officers of the Company, and Attorneys-in-Fact shall have authority to certify or verify copies of this Resolution, the By-Laws of the Company, and any affidavit or report of the Company necessary to the discharge of their duties.
- (5) The passage of this Resolution does not revoke any earlier authority granted by Resolutions of the Board of Directors adopted on June 9, 1983, May 26, 1976 and March 23, 1977.

does hereby nominate, constitute and appoint JONELLE BAUSERMAN, and KARLA J. REUTIMAN, both of the City of Denver, State of Colorado

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

each individually if there be more than one named, its true and lawful attorney-in-fact, to make, execute, seal and deliver on its behalf, and as its act and deed any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof in penalties not exceeding ONE MILLION DOLLARS (\$1,000,000) each, and the execution of such writings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office.

IN WITNESS WHEREOF, the said John B. Fitzgerald, Jr., Vice-President, has hereunto subscribed his name and affixed the corporate seal of the said INSURANCE COMPANY OF NORTH AMERICA this 25th day of April 19 89



INSURANCE COMPANY OF NORTH AMERICA  
by *John B. Fitzgerald, Jr.*  
JOHN B. FITZGERALD, JR., Vice President

COMMONWEALTH OF PENNSYLVANIA  
COUNTY OF PHILADELPHIA  
On this 25th day of April A.D. 19 89

the Commonwealth of Pennsylvania in and for the County of Philadelphia came John B. Fitzgerald, Jr., Vice-President of the INSURANCE COMPANY OF NORTH AMERICA to me personally known to be the individual and officer who executed the preceding instrument, and he acknowledged that he executed the same, and that the seal affixed to the preceding instrument is the corporate seal of said Company; that the said corporate seal and his signature were duly affixed by the authority and direction of the said corporation, and that Resolution, adopted by the Board of Directors of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Philadelphia the day and year first above written.



*Julie Anne Robena*  
Julie Anne Robena - Notary Public  
Philadelphia, Philadelphia County, Pa.  
My Commission Expires August 29, 1990

I, the undersigned Secretary of INSURANCE COMPANY OF NORTH AMERICA, do hereby certify that the original POWER OF ATTORNEY, of which the foregoing is a full, true and correct copy, is in full force and effect.

In witness whereof, I have hereunto subscribed my name as Secretary, and affixed the corporate seal of the Corporation, this 25th day of April 19 89



*James S. Wynn*  
James S. Wynn Secretary

THIS POWER OF ATTORNEY MAY NOT BE USED TO EXECUTE ANY BOND WITH AN EXPIRATION DATE AFTER APRIL 25, 1991

**COPY**

STATE OF UTAH  
BOND OF LESSEE

KNOW ALL MEN BY THESE PRESENTS, that we Ampolex (Texas), Inc.  
of 1225 17th St., Suite 3000, Denver, CO Address

as principal and Insurance Company of North America, as  
surety, are held and firmly bound unto the State of Utah in the sum of Eighty Thousand  
Dollars (\$ 80,000.00-) lawful money of the United States to be paid to the Board of  
State Lands and Forestry, as agent for the State of Utah, for the use and benefit of the  
State of Utah, and of any patentee or purchaser of any portion of the land covered by  
the hereinafter described lease heretofore sold or which may hereafter be sold with a  
reservation to the State of Utah, on the surface or of other mineral deposits of any  
portion of such lands, for which payment, will and truly to be made, we bind ourselves,  
and each of us, and each of our heirs, executors, administrators, successors, sub-  
lessees, and assignees, jointly and severally by these presents.

Signed with our hands and seals this 3rd day of November in the  
year of our Lord, 1989.

The condition of the foregoing obligation is such that,

WHEREAS, The State of Utah, as Lessor, issued a(n) Various  
lease, Lease Number \_\_\_\_\_ and dated November 3, 1989, to \_\_\_\_\_  
as lessee (and said lease has been duly  
assigned under date of November 3, 1989 to Ampolex (Texas), Inc.  
) to drill for, mine, extract, and remove all of the \_\_\_\_\_  
deposits in and under the following described lands to wit:

All operations on state lands.

NOW, THEREFORE, THE principal shall be obligated to pay all monies, rentals,  
royalties, cost of reclamation, damages to the surface and improvements thereon and any  
other costs which arise by operation of the above described lease(s) accruing to the  
Lessor and shall fully comply with all other terms and conditions of said lease, the  
rules, regulations, and policies relating thereto of the Board of State Lands and  
Forestry, Division of State Lands and Forestry, the Board of Oil, Gas and Mining, and  
the Division of Oil, Gas and Mining as they may now exist or may from time to time be  
modified or amended. This obligation is in effect even if the principal has conveyed  
part of the purchase agreement interest to a successor in interest. If the principal  
fully satisfies the above described obligations, then the surety's obligation to make  
payment to the State of Utah is void and of no effect, otherwise, it shall remain in  
full force and effect until released by the Division of State Lands and Forestry.

Signed, sealed and delivered  
in the presence of

[Signature]  
Witness  
[Signature]  
Witness

AMPOLEX (Texas) Inc.  
By: [Signature] (SEAL)  
B.D. Emmett, Vice President and General Manager  
BONDING COMPANY - Insurance Company of North America  
BY [Signature]  
Susan Robertson, Attorney-In-Fact

Attest: \_\_\_\_\_  
Resident Agent: n/a

APPROVED AS TO FORM:  
DAVID L. WILKINSON  
ATTORNEY GENERAL

Bonding Co. Address: 3050 152nd N.E.  
Redmond, WA 98052

[Signature]

Corporate Seal of Bonding Company Must be Affixed.

**POWER OF ATTORNEY**

Insurance Company of North America  
a CIGNA company

**CIGNA** 141227

Know all men by these presents: That INSURANCE COMPANY OF NORTH AMERICA, a corporation of the Commonwealth of Pennsylvania, having its principal office in the City of Philadelphia, Pennsylvania, pursuant to the following Resolution, adopted by the Board of Directors of the said Company on December 5, 1983, to wit:

"RESOLVED, That pursuant to Articles 3.18 and 8.1 of the By-Laws, the following Rules shall govern the execution for the Company of bonds, undertakings, recognizances, contracts and other writings in the nature thereof:

- (1) That the President, any Senior Vice President, any Vice President, any Assistant Vice President, or any Attorney-in-Fact, may execute for and on behalf of the Company any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof, the same to be attested when necessary by the Corporate Secretary, or any Assistant Corporate Secretary, and the seal of the Company affixed thereto, and that the President, any Senior Vice President, any Vice President or any Assistant Vice President may appoint and authorize any other Officer (elected or appointed) of the Company, and Attorneys-in-Fact to so execute or attest to the execution of all such writings on behalf of the Company and to affix the seal of the Company thereto.
- (2) Any such writing executed in accordance with these Rules shall be as binding upon the Company in any case as though signed by the President and attested to by the Corporate Secretary.
- (3) The signature of the President, or a Senior Vice President, or a Vice President, or an Assistant Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted pursuant to this Resolution, and the signature of a certifying Officer and the seal of the Company may be affixed by facsimile to any certificate of any such power, and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company.
- (4) Such other Officers of the Company, and Attorneys-in-Fact shall have authority to certify or verify copies of this Resolution, the By-Laws of the Company, and any affidavit or record of the Company necessary to the discharge of their duties.
- (5) The passage of this Resolution does not revoke any earlier authority granted by Resolutions of the Board of Directors adopted on June 9, 1953, May 28, 1975 and March 23, 1977."

does hereby nominate, constitute and appoint JOHN DEVINE, LOUIS R. WEBB, MARSHA CLESSON, SUSAN J. ROBERTSON, STEVEN R. JARAMILLO, R. H. MacPHERSON, JR., all of the City of Bellevue, State of Washington-----

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

, each individually if there be more than one named, its true and lawful attorney-in-fact, to make, execute, seal and deliver on its behalf, and as its act and deed any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof. And the execution of such writings in pursuance of these presents, shall be as binding upon said Company, as fully and amply as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office.

IN WITNESS WHEREOF, the said John B. Fitzgerald, Jr., Vice-President, has hereunto subscribed his name and affixed the corporate seal of the said INSURANCE COMPANY OF NORTH AMERICA this 7th day of June 19 89



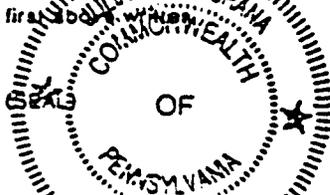
INSURANCE COMPANY OF NORTH AMERICA  
by [Signature]  
JOHN B. FITZGERALD, JR., Vice President

COMMONWEALTH OF PENNSYLVANIA  
COUNTY OF PHILADELPHIA

ss.

On this 7th day of June, A.D. 19 89, before me, a Notary Public of the Commonwealth of Pennsylvania in and for the County of Philadelphia came John B. Fitzgerald, Jr., Vice-President of the INSURANCE COMPANY OF NORTH AMERICA to me personally known to be the individual and officer who executed the preceding instrument, and he acknowledged that he executed the same, and that the seal affixed to the preceding instrument is the corporate seal of said Company; that the said corporate seal and his signature were duly affixed by the authority and direction of the said corporation, and that Resolution, adopted by the Board of Directors of said Company, referred to in the preceding instrument, is now in force.

WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Philadelphia the day and year



[Signature]  
Julia Anna Rohana - Notary Public  
Philadelphia, Philadelphia County, Pa.  
My Commission Expires August 20, 1990

I, the undersigned, Secretary of INSURANCE COMPANY OF NORTH AMERICA, do hereby certify that the original POWER OF ATTORNEY, of which the foregoing is a true and correct copy, is in full force and effect.

In witness whereof, I have hereunto subscribed my name as Secretary, and affixed the corporate seal of the Corporation, this 3rd day of November 19 89



[Signature]  
James S. Wylie  
Secretary

THIS POWER OF ATTORNEY MAY NOT BE USED TO EXECUTE ANY BOND WITH AN INCEPTION DATE AFTER June 7, 1991

# FILING FOR WATER IN THE STATE OF UTAH

Rec. by W  
Fee Rec. 130.00  
Receipt # 197367  
Microfilmed \_\_\_\_\_

RECEIVED  
JAN 02 1989

## APPLICATION TO APPROPRIATE WATER

OIL, GAS & MINING  
Roll # \_\_\_\_\_

# TEMPORARY

DIVISION OF

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

\* WATER RIGHT NO. 99 — 104 \* APPLICATION NO. A T64317

1. \* PRIORITY OF RIGHT: November 17, 1989 \* FILING DATE: November 17, 1989

2. OWNER INFORMATION  
Name(s): Ampol Exploration (USA) Inc. \* Interest: 100 %  
Address: Seventeenth Street Plaza Suite 3000 1225 17th Street  
City: Denver State: Colorado Zip Code: 80202  
Is the land owned by the applicant? Yes \_\_\_\_\_ No X  
(If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: \_\_\_\_\_ cfs and/or 6.0 ac-ft

4. SOURCE: Colorado River (Lake Powell) DRAINAGE: \_\_\_\_\_  
which is tributary to \_\_\_\_\_  
which is tributary to \_\_\_\_\_  
POINT(S) OF DIVERSION: \_\_\_\_\_ COUNTY: San Juan  
S. 5950 ft. & W. 1900 ft. from NW Cor. Sec. 9, T34S, R14E, SLB&M.

Description of Diverting Works: Portable truck pump & tank trucks to place of use  
\* COMMON DESCRIPTION: Farley Canyon/Lake Powell Hite South Quad

5. POINT(S) OF REDIVERSION  
The water will be rediverted from \_\_\_\_\_ at a point:  
\_\_\_\_\_  
\_\_\_\_\_  
Description of Rediverting Works: \_\_\_\_\_

6. POINT(S) OF RETURN  
The amount of water consumed will be \_\_\_\_\_ cfs or 6.0 ac-ft  
The amount of water returned will be \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft  
The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. STORAGE  
Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_  
Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres  
Height of dam: \_\_\_\_\_ feet  
Legal description of inundated area by 40 acre tract(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rig' which will supplement this application \_\_\_\_\_

9. NATURE AND PERIOD OF USE

Irrigation:	From _____ to _____
Stockwatering:	From _____ to _____
Domestic:	From _____ to _____
Municipal:	From _____ to _____
Mining:	From _____ to _____
Power:	From _____ to _____
Other: Drilling	From <u>Dec. 1, 1989</u> to <u>Nov. 30, 1990</u>

10. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
 Stockwatering (number and kind): \_\_\_\_\_  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): Dust suppression, Drilling fluid for (10) Wells

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s): See attached sheet  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of same size if necessary):  
The water will be hauled to each location by Aable Trucking from Moab, Utah for Ampol Exploration.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*\*\*\*\*  
 The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Ampol Expl. Inc.  
 Signature of Applicant(s)

*Billy B. Huse agent*

**TEMPORARY**

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 99 - 104

APPLICATION NO. T64317

1. November 17, 1989 Application received by MP.
  2. November 20, 1989 Application designated for APPROVAL by MP and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated December 29, 1989, subject to prior rights and this application will expire on December 29, 1990.

  
Robert L. Morgan, P.E.  
State Engineer

## DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: AMPOLEX INC. WELL NAME: STATE 32-16  
SECTION: 16 TWP: 35S RNG: 15E LOC: 1915 FNL 2110 FEL  
QTR/QTR SW/NE COUNTY: SAN JUAN FIELD: WILDCAT  
SURFACE OWNER: STATE OF UTAH  
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL  
INSPECTOR: Brad Hill DATE AND TIME: 11/16/89 10:00 AM

PARTICIPANTS: John Baza & Glenn Goodwin-DOGM, Brian O'Niel-Powers Elevation Archaeology, Erwin Tucker & Steve Olson-Powers Elevation, Bob Sutherland & Lee Sutherland-Sutherland Bros., Lowell Larson-Perry McDonald Const., Roy Gilbreth-Crowley Const., Billy Hass-Aable Trucking, Ross Rice-National Park Service Glenn Canyon Rec. Area, Norman Utley-Utley Const., Robert Larsen-BLM, John A. Brooks-Ampol Exploration

REGIONAL SETTING/TOPOGRAPHY: Location is on the northern edge of the Slickrock Physiographic Province in White Canyon. This location is just off of Highway 95 on the south side of the road. This location has been disturbed previously, probably as a borrow pit for highway materials. It has been smoothed and recontoured.

### LAND USE:

CURRENT SURFACE USE: None

PROPOSED SURFACE DISTURBANCE: A rectangular pad with a rectangular attachment for a reserve pit will be constructed. Dimensions of the pad will be 325' X 140'. The pit will be 150' X 50' X 10'. Approximately 250' of access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: A natural drainage lies to the east of the proposed location and will be protected by a berm and stockpiled top soil.

FLORA/FAUNA: Dwarf sage, Desert Trumpet, Grass, scattered Juniper, Prickly Pear, Rabbit Brush/No animals or signs of animals observed

### ENVIRONMENTAL PARAMETERS

#### SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Silty-sand

SURFACE FORMATION & CHARACTERISTICS: Quaternary Eolian sediments lying on the Permian, Cedar Mesa Formation.

EROSION/SEDIMENTATION/STABILITY: There is no active erosion or sedimentation occurring at this time. The surface materials show a potential for erosion on a disturbed surface.

PALEONTOLOGICAL POTENTIAL: None observed

#### SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Upper Hermosa-1,420', Desert Creek-2,370'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: Survey done by Powers Elevation Archaeology

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: If the well is P&A the site will be cleaned up and recountoured as specified by State Lands. They have requested the following: follow BLM seed list at prescribed rate for drilling in seed with the exception of substituting yellow sweet clover for Mormon Tea (*Ephedra viridis*) and Hycrest Wheatgrass for sand dropseed. Recommend contouring, water bars and ditches on access road.

#### RESERVE PIT

CHARACTERISTICS: The reserve pit will be a rectangular, below-ground pit approximately 150'X 50'X 10'and will be constructed on the uphill side of the pad.

LINING: The pit is to be lined with a synthetic liner of 12 mil minimum thickness.

MUD PROGRAM: 0-300'/water, 300-2,085'/water & gel with Barite and LCM as needed, 2,085-TD/water, gel, soda ash, caustic soda with Barite and LCM as needed

DRILLING WATER SUPPLY: Water will be obtained from the Colorado River.

#### OTHER OBSERVATIONS

A culvert under the highway exists down hill from the proposed pad. This should be protected against possible fluid spills.

#### STIPULATIONS FOR APD APPROVAL

Reserve pit is to be lined with synthetic liner.  
Drainage to the east of location shall be protected.  
Culvert under highway shall be protected from spills.

#### ATTACHMENTS

Photographs will be placed on file.

STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

- 
1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
- 
3. APPROXIMATE DATE PROJECT WILL START:  
Upon Approval

- 
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Southeastern Utah Association of Local Governments

- 
5. TYPE OF ACTION:  Lease  Permit  License  Land Aquisition  
 Land Sale  Land Exchange  Other \_\_\_\_\_

- 
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill

- 
7. DESCRIPTION:  
Ampolex (Texas), Inc. proposes to drill a wildcat well, the State #32-16, on state lease number ML-44061 in San Juan County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The DOGM is the primary administrative agency in this case and must issue approval to drill before operations can commence.

- 
8. LAND AFFECTED (site location map required) (indicate county)  
SW/4, NE/4, Section 16, Township 35 South, Range 15 East, San Juan County, Utah

- 
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?  
Unknown

- 
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
Degree of impact is based on the discovery of oil or gas in commercial quantities.

- 
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:  
Glenn Goodwin, Monticello, 587-2561

- 
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
- John Baza  
PHONE: 538-5340
- John R. Baza*  
DATE: 1/10/90 Petroleum Engineer

OPERATOR Ampalex (Texas) Inc. DATE 1-4-90

WELL NAME State 32-16

SEC SWNE 16 T 35S R 15E COUNTY San Juan

43-037-31483  
API NUMBER

state  
TYPE OF LEASE

CHECK OFF:

PLAT

statewide  
 BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 35S, 15E

Water Permit 99-104 / T64317

RDC 1-4-90 / Process 1-25-90

Archaeological Survey 11-7-89

Presite / Received 1-8-90.

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 2-00-94

APPROVAL LETTER:

SPACING:  R615-2-3 N/A  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. The reserve pit shall be lined  
with a synthetic liner with a CC: st. Lands  
minimum thickness of 12 mil. st. History

2. The drainage to the east of the location shall  
be protected.

3. The culvert which exists under the highway  
and downhill from the pad shall be protected  
from spills.

0218T

4. [State Lands Restoration Stip.]

# SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

HAROLD JACOBS  
Chairman  
WILLIAM D. HOWELL  
Executive Director

P. O. Drawer A1 • Price, Utah 84501 • Telephone 637-5444

## AREAWIDE CLEARINGHOUSE A-95 REVIEW

14 01 07

NOI \_\_\_ Preapp \_\_\_ App \_\_\_ State Plan \_\_\_ State Action  Subdivision \_\_\_ (ASP # 1-116-16)

Other (indicate) \_\_\_\_\_ SAI Number UT900112-040

Applicant (Address, Phone Number):

Federal Funds:

Requested: \_\_\_\_\_

Div. of Oil, Gas and Mining  
355 West North Temple  
3 Triad center, Suite 350  
Salt Lake City, Utah 84180-1203

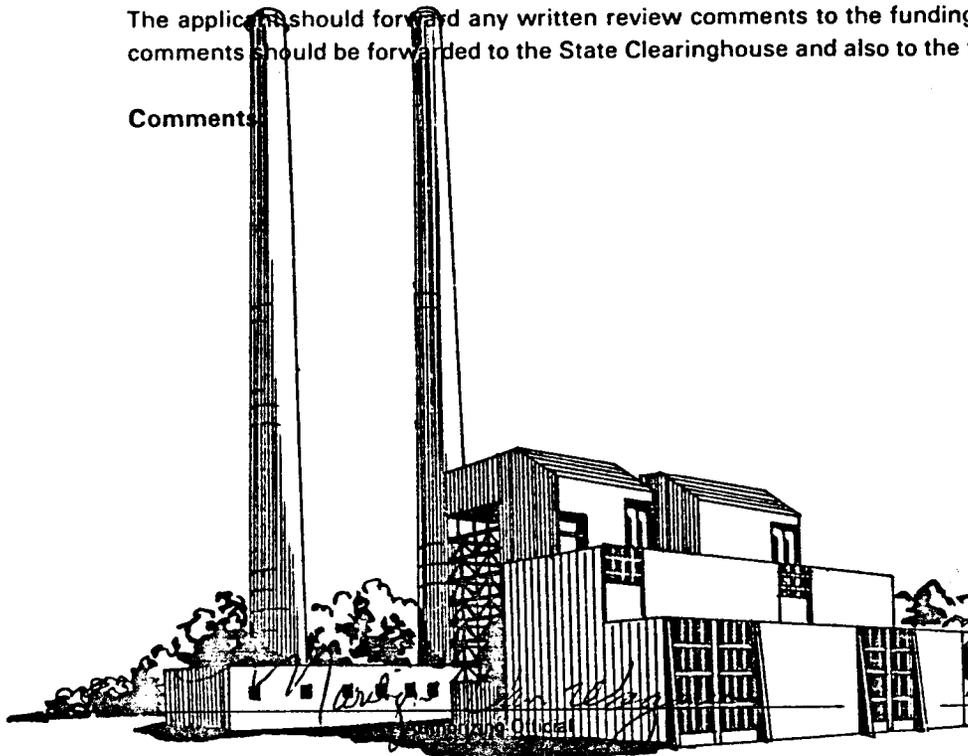
Title:

APPLICATION FOR PERMIT TO DRILL

- No comment
- See comments below
- No action taken because of insufficient information
- Please send your formal application to us for review. Your attendance is requested

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

Comments:



**RECEIVED**  
JAN 25 1990

DIVISION OF  
OIL, GAS & MINING

23-90  
Date

REGIONAL CLEARINGHOUSE



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

January 31, 1990

Ampolex (Texas) Incorporated  
1225 17th Street, Suite #3000  
Denver, Colorado 80202

Gentlemen:

Re: State #32-16 - SW NE Sec. 16, T. 35S, R. 15E - San Juan County, Utah  
1915' FNL, 2110' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. The reserve pit shall be lined with a synthetic liner with a minimum thickness of 12 mil.
2. The drainage to the east of the location shall be protected.
3. The culvert which exists under the highway and downhill from the pad shall be protected from spills.
4. Upon plugging and abandonment of the well, the site shall be reclaimed and recontoured as required by the Utah Division of State Lands and Forestry. As discussed at the onsite predrill meeting, the following shall be required for full well site restoration:
  - a) Contouring of well pad, water bars and ditches on access road.
  - b) If adequate topsoil is not present for drilling in seed, broadcast seed at double the rate with BLM recommended seed list.
  - c) Substitute yellow sweet clover for Mormon Tea (*Ephedra Viridis*) and Hycrest Wheatgrass for sand dropseed.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.

2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

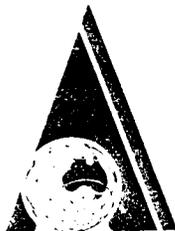
The API number assigned to this well is 43-037-31483.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

lcr  
Enclosures  
cc: Bureau of Land Management  
Div. of State Lands & Forestry  
D. R. Nielson  
J. L. Thompson  
WE14/15-16



# AMPOL EXPLORATION (U.S.A.) INC.

SEVENTEENTH STREET PLAZA, SUITE 3000  
1225 17TH STREET  
DENVER, CO 80202 U.S.A.

Phone: (303) 297-1000

Telecopy: (303) 297-2050

Subsidiaries:

- Ampolex (California), Inc.
- Ampolex (Orient), Inc.
- Ampolex (Texas), Inc.
- Ampolex (Wyoming), Inc.

December 20, 1990

Utah Board of Oil, Gas and Mining  
3 Triad Center, Suite #350  
355 West Temple  
Salt Lake City, Utah 84180-1203

RECEIVED  
DEC 24 1990  
DIVISION OF  
OIL, GAS & MINING

ATTN: Mr. Jim Thompson

RE: Application for Permit to Drill  
San Juan County, Utah

Dear Mr. Thompson:

Pursuant to our conversation today, Ampolex (Texas), Inc. is requesting an extension for four (4) Application for Permit to Drill permits scheduled to expire on January 31, 1991. The pertinent information on these four APD's are listed below.

State #24-2	SE SW	Section 2-T34S-R15E	API No. 43-037-31480
State #21-32	NE NW	Section 32-T34S-R15E	API No. 43-037-31481
State #11-36	NW NW	Section 36-T34S-R15E	API No. 43-037-31482
<del>State #32-16</del>	SW NE	<del>Section 16-T35S-R15E</del>	<del>API No. 43-037-31483</del>

DRL

I have enclosed a copy of each of the approved APD's for your information. Please do not hesitate to call should you have any questions.

Sincerely,

For and on behalf of  
AMPOLEX (TEXAS), INC.

Richard L. Vine  
Senior Engineer  
AMPOL EXPLORATION (U.S.A.) INC.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1-2-91  
J. W. Matthews

RLV/dc  
Enclosures

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

(Other conditions on reverse side)

5. Lease Designation and Serial No.

ML-44061

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

State

9. Well No.

32-165

10. Field and Pool, or Wildcat

Wildcat (001)

11. Sec., T., R., M., or Blk. and Survey or Area

Section 16-T35S-R15E

12. County or Parrish 13. State

San Juan Utah

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Ampolex (Texas), Inc.

3. Address of Operator

1225 17th Street, Suite #3000, Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

SW NE Sec. 16-T35S-R15E 1,915' FNL & 2,110' FEL

At proposed prod. zone

SAME

14. Distance in miles and direction from nearest town or post office\*

43.2 miles west of Blanding, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

1,980'

16. No. of acres in lease

640

17. No. of acres assigned to this well

40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

N/A

19. Proposed depth

3,000' Akah

20. Rotary or cable tools

Rotary

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

4,700' GR (Est.)

22. Approx. date work will start\*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	60'	100 sks Class "B"
12-1/4"	8-5/8"	24#	300'	200 sks Class "G"
6-1/4"	4-1/2"	10.5#	3,000'	165 sks Light (Lead) 150 sks Class "G" (Tail)

1. Drill 17-1/2" hole and set 13-3/8" conductor @ 60', cement with good returns.
2. Drill 11" hole & set 8-5/8" surface casing @ 300' , cement with good returns.
3. Log B.O.P. checks in daily drilling reports & drill 6-1/2" hole to 3,000'.
4. Conduct D.S.T. if warranted & run 4-1/2" casing if productive, cement w/good returns.
5. Run logs as needed, and perforate and stimulate as needed.

RECEIVED  
DEC 24 1990  
DIVISION OF  
OIL, GAS & MINING

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: *John R. Boyer*

Title: Petroleum Engineer

Date: 12/29/89

(This space for Federal or State office use)

Permit No. 43-037-31483

Approval Date APPROVED BY THE STATE

Approved by  
Conditions of approval, if any:

Title: \_\_\_\_\_ Date: \_\_\_\_\_

DATE: 1-31-90  
BY: *John R. Boyer*  
WELL SPACING: R6153-2

\*See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION &amp; SERIAL NO. <b>ML-44061</b></p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME --</p>
<p>2. NAME OF OPERATOR <b>Ampolex (Texas), Inc.</b></p>		<p>7. UNIT AGREEMENT NAME --</p>
<p>3. ADDRESS OF OPERATOR <b>1225 17th Street, Suite #3000, Denver, Colorado 80202</b></p>		<p>8. FARM OR LEASE NAME <b>State</b></p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>SW NE 1/4 1,915' FNL &amp; 2,110' FEL</b> At proposed prod. zone</p>		<p>9. WELL NO. <b>32-16</b></p>
<p>14. API NO. <b>43-037-31483</b></p>		<p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat (001)</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4,697' GR</b></p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 16-T35S-R15E</b></p>
<p>12. COUNTY <b>San Juan</b></p>		<p>13. STATE <b>Utah</b></p>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

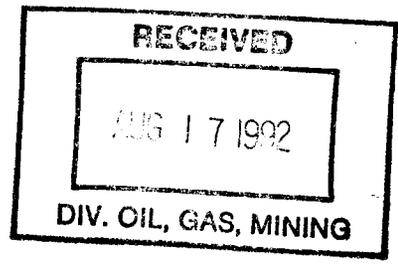
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____		DATE OF COMPLETION _____	

APPROX. DATE WORK WILL START 10-1-92

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

Revised total depth - 3,110'  
Hole size will be 7-7/8"



18. I hereby certify that the foregoing is true and correct

SIGNED Robert C. Aronson Senior Petroleum Engineer DATE 08/14/92

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**  
 DATE: 8-19-92  
 BY: [Signature]



# AMPOL EXPLORATION (U.S.A.) INC.

SEVENTEENTH STREET PLAZA, SUITE 3000  
1225 17TH STREET  
DENVER, CO 80202 U.S.A.

Phone: (303) 297-1000

Telecopy: (303) 297-2050

Subsidiaries:

Ampolex (California), Inc.  
Ampolex (Orient), Inc.  
Ampolex (Texas), Inc.  
Ampolex (Wyoming), Inc.

October 5, 1992

State of Utah  
Division of Oil and Gas  
355 W. North Temple  
Salt Lake City, Utah 84180

RECEIVED

OCT 08 1992

DIVISION OF  
OIL GAS & MINING

Re: Ampolex White Canyon State 32-16  
Section 16, T35S, R15E  
San Juan County, Utah

43-037-31483

Dear Sir:

Ampolex requests that all data, material, and information related to this well be kept confidential beginning on the date of receipt of this request. It is our understanding that this period is one year from the date of completion of the well. Ampolex and its contractors will label all material as "CONFIDENTIAL" or "TIGHT HOLE".

Thank you for your attention in this matter.

Sincerely,

RAR  
Exploration Manager

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

5. LEASE DESIGNATION & SERIAL NO.

ML-44061

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State

9. WELL NO.

32-16

10. FIELD AND POOL, OR WILDCAT

Wildcat (001)

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA

Section 16-T35S-R15E

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Ampolex (Texas), Inc.

3. ADDRESS OF OPERATOR  
1225 17th Street, Suite #3000, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface SW NE 1,915' FNL & 2,110' FEL

At proposed prod. zone  
Same

14. API NO.  
43-037-31483

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4,697' GR

12. COUNTY  
San Juan

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START 11/10/92

DATE OF COMPLETION \_\_\_\_\_

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

The subject well will be drilled utilizing a closed mud system with de-watering. It is therefore requested that the requirement for a 12 mil pit liner be waived because there will not be any free liquids placed in the pit. The pit will be used to bury drilled solids only.

**RECEIVED**

OCT 15 1992

DIVISION OF  
OIL GAS & MINING

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 10/19/92  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Senior Petroleum Engineer

DATE 09/29/92

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

5. LEASE DESIGNATION & SERIAL NO.  
**ML-44061**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
--

7. UNIT AGREEMENT NAME  
--

8. FARM OR LEASE NAME  
**State**

9. WELL NO.  
**32-16**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat (001)**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 16-T35S-R15E**

12. COUNTY  
**San Juan**

13. STATE  
**Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Ampolex (Texas), Inc.**

3. ADDRESS OF OPERATOR  
**1225 17th Street, Suite #3000, Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface **SW NE 1,915' FNL & 2,110' FEL**  
At proposed prod. zone  
**Same**

14. API NO.  
**43-037-31483**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4,697' GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____		DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START <b>11/10/92</b>			

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

The subject well will be drilled utilizing a closed mud system with de-watering. It is therefore requested that the requirement for a 12 mil pit liner be waived because there will not be any free liquids placed in the pit. The pit will be used to bury drilled solids only.

**RECEIVED**

OCT 28 1992

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED Robert C. Asenman TITLE Senior Petroleum Engineer DATE 09/29/92

(This space for Federal or State office use)

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

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 11-2-92

BY: [Signature]

See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>3. LEASE DESIGNATION &amp; SERIAL NO. <b>ML-44061</b></p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME --</p>
<p>2. NAME OF OPERATOR <b>Ampolex (Texas), Inc.</b></p>		<p>7. UNIT AGREEMENT NAME --</p>
<p>3. ADDRESS OF OPERATOR <b>1225 17th Street, Suite #3000, Denver, CO 80202</b></p>		<p>8. FARM OR LEASE NAME <b>State</b></p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>1,915' FNL &amp; 2,110' FEL SW NE</b> At proposed prod. zone <b>Same</b></p>		<p>9. WELL NO. <b>32-16</b></p>
<p>14. API NO. <b>43-037-31483</b></p>		<p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4,697' GR</b></p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 16-T35S-R16E</b></p>
<p>12. COUNTY <b>San Juan</b></p>		<p>13. STATE <b>Utah</b></p>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>
<p>PULL OR ALTER CASING <input checked="" type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>
<p>APPROX. DATE WORK WILL START <u>11/10/92</u></p>	<p>DATE OF COMPLETION _____</p>

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

1. 13-3/8" conductor pipe will not be set. When surface hole is drilled, mud returns will be pumped from the cellar back to the rig tank.
2. BOP outlet to choke manifold line is 2" O.D. instead of 3" O.D. as per A.P.D.

RECEIVED

NOV 05 1992

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Robert E. Arnesen Senior Petroleum Engineer DATE 11/04/92

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: AMPOLEX 43-037-31483

WELL NAME: STATE 32-16

Section 16 Township 35S Range 15E County SAN JUAN

Drilling Contractor POOL

Rig # 971

SPUDDED: Date 11/15/92

Time 4:30 PM

How ROTARY

CONFIDENTIAL

Drilling will commence \_\_\_\_\_

Reported by BILL ELLIOT

Telephone # 1-713-261-6972

Date 11/16/92 SIGNED JLT

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

3. LEASE DESIGNATION AND SERIAL NO.  
**ML-44061**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
--

7. UNIT AGREEMENT NAME  
--

8. FARM OR LEASE NAME  
**State**

9. WELL NO.  
**32-16**

10. FIELD AND FOOT, OR WILDCAT  
**Wildcat (001)**

11. SEC., T., R., M., OR B.L.M. AND SURVEY OR AREA  
**Section 16-T35S-R15E**

12. COUNTY OR PARISH | 13. STATE  
**San Juan | Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Ampolex (Texas), Inc.**

3. ADDRESS OF OPERATOR  
**1225 17th Street, Suite #3000, Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**SW NE 1,915' FNL & 2,110' FEL**

14. API NUMBER  
**43-037-31483**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4,697' GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)\*

13-3/8" conductor pipe will not be set as provided in the A.P.D. Drilling mud will be pumped out of the cellar and back into the rig mud tanks while drilling surface hole.

**RECEIVED**

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/20/92  
BY: [Signature]

NOV 19 1992  
DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED Robert C. Greenleaf Senior Petroleum Engineer DATE 11/17/92

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

**R**ESERVOIR

**I**NTERPRETATION

**S**ERVICES

**C**ORPORATION

**RECEIVED**

DEC 09 1992

DIVISION OF  
OIL GAS & MINING

**CONFIDENTIAL**

**Prepared for :**

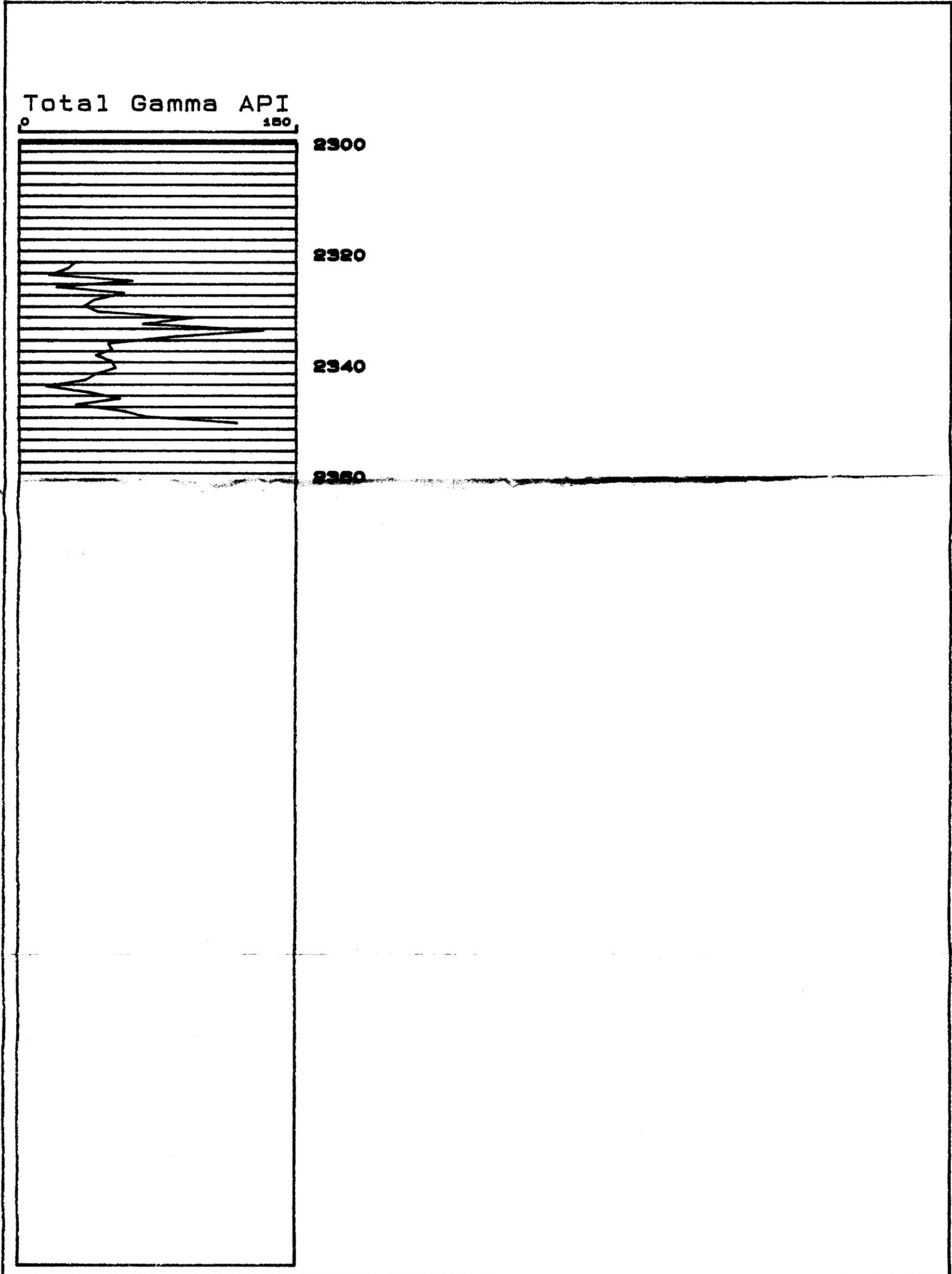
**Ampolex (USA), Inc.**  
**White Canyon State #32-16**  
**Sec. 16 T35S R15E**  
**San Juan County, Utah**  
SWNE 1915 FNL 2110 FEL

43-037-31483

# CORE GAMMA RAY LOG

Reservoir Interpretation Services Corp.

Company: Ampolex (USA), Inc.      Date: 12-06-1992  
Field Name: Wildcat      Core Number: 1 & 2  
Well Number: State #32-16      Core Interval:  
Log Type: Total Gamma      2322- 2250  
Depth Scale: 1 inch=20 Feet      Data File Name: 212AMP02



**R**ESERVOIR

**I**NTERPRETATION

**S**ERVICES

**C**ORPORATION

**RECEIVED**

DEC 09 1992

DIVISION OF  
OIL GAS & MINING

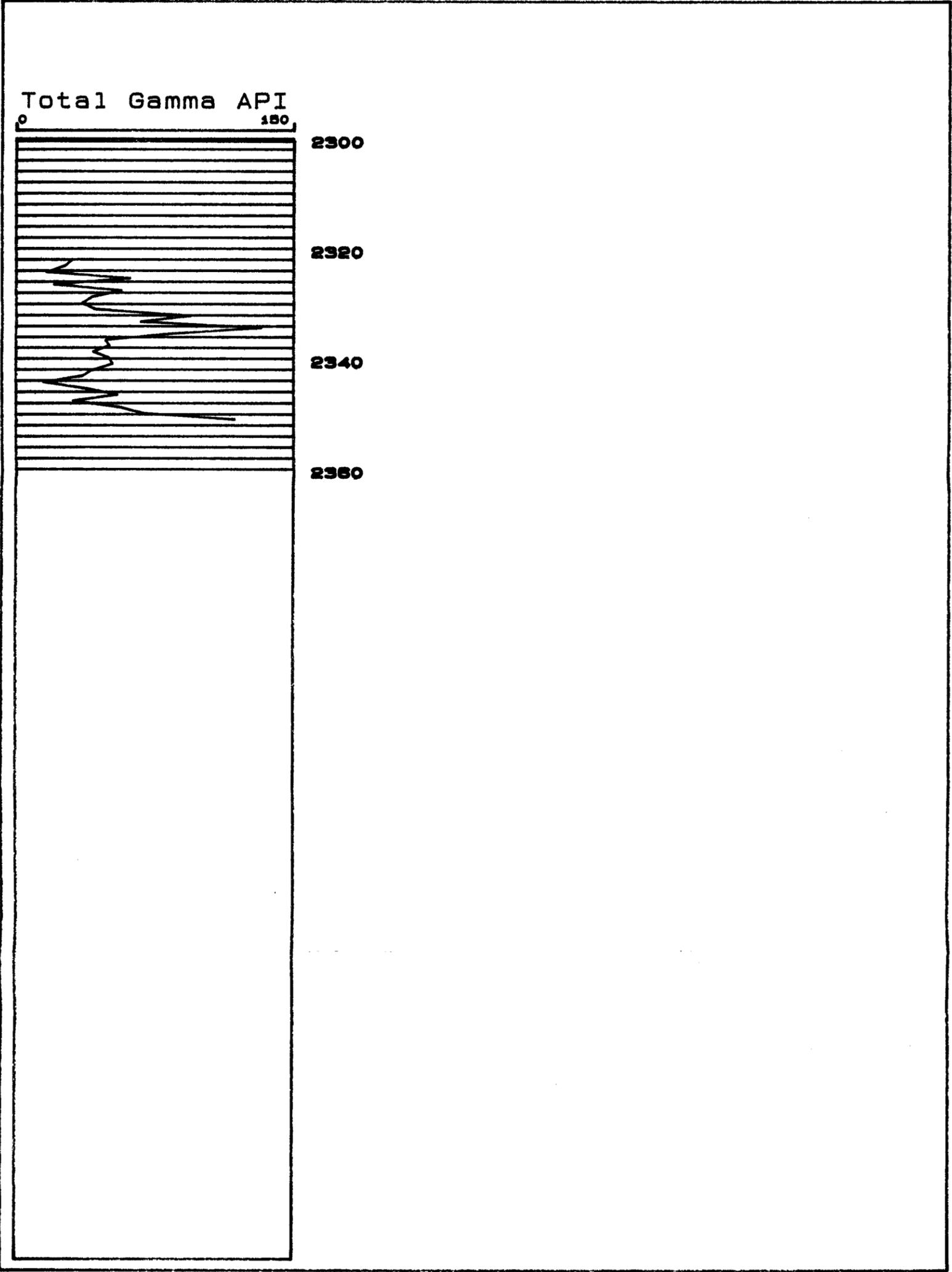
**Prepared for :**

**Ampolex (USA), Inc.  
White Canyon State #32-16  
Sec. 16 T35S R15E  
San Juan County, Utah**

# CORE GAMMA RAY LOG

Reservoir Interpretation Services Corp.

Company: Ampolex (USA), Inc.      Date: 12-06-1992  
Field Name: Wildcat      Core Number: 1 & 2  
Well Number: State #32-16      Core Interval:  
Log Type: Total Gamma      2322- 2250  
Depth Scale: 1 inch=20 Feet      Data File Name: 212AMP02



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

3. LEASE DESIGNATION AND SERIAL NO.	ML-44061
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	--
7. UNIT AGREEMENT NAME	--
8. FARM OR LEASE NAME	State
9. WELL NO.	32-16
10. FIELD AND FOOT, OR WILDCAT	Wildcat (001)
11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA	Section 16-T35S-R15E
12. COUNTY OR PARISH	San Juan
13. STATE	Utah

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR Ampolex (Texas), Inc.
3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, CO 80202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE 1,915' FNL & 2,110' FEL
14. API NUMBER 43-037-31483
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,697' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completions on Well Completion or Recompletion Report and Log form.)

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilled to a total depth of 2,645' KB and ran 4-1/2" casing to 2,645'. Plan to perforate Desert Creek Formation 2,554' - 2,568' and swab test. After evaluation, add perforations from 2,533' - 2,545' and swab test. Evaluate for stimulation requirements.

**RECEIVED**

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 1-5-93  
[Signature]  
DIVISION OF OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED: [Signature] Senior Petroleum Engineer DATE: 12/29/92

(This space for Federal or State office use)  
APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to  Well File State 32-16  Suspense (Return Date) \_\_\_\_\_  Other \_\_\_\_\_  
(Location) Sec 16 Twp 25 Rng NE (To - Initials) \_\_\_\_\_  
(API No.) 43-037-31483 31483

1. Date of Phone Call: 1/18/93 Time: 8:30 AM

2. DOGM Employee (name) F. R. MATTHEWS (Initiated Call )  
Talked to:  
Name Bill Elliott (Initiated Call ) - Phone No. ( ) \_\_\_\_\_  
of (Company/Organization) Ampco

3. Topic of Conversation: P<sub>3</sub> A of ref. well

4. Highlights of Conversation: 4 1/2 csg set @ 2645'  
PBTD @ 2593' perf 2533-2545, 2554-2568  
perf very tight.

Plugging Procedure  
1<sup>st</sup> plug cement 100' above perf + top plug  
2<sup>nd</sup> plug cement + 287-387 bal plug across  
surface pipe shoe.  
3<sup>rd</sup> plug 10 csg @ surface  
4<sup>th</sup> Fill all annuli.  
Cut off below ground level <sup>in</sup> down plate.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)</small>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> ML-44061
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> --
<b>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></b>		<b>7. UNIT AGREEMENT NAME</b> --
<b>2. NAME OF OPERATOR</b> Ampolex (Texas), Inc.		<b>8. FARM OR LEASE NAME</b> State
<b>3. ADDRESS OF OPERATOR</b> 1225 17th Street, Suite #3000, Denver, CO 80202		<b>9. WELL NO.</b> 32-16
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)</b> At surface SW NE 1,915' FNL & 2,110' FEL		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat - (001)
		<b>11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA</b> Section 16-T35S-R15E
<b>14. API NUMBER</b> 43-037-31483	<b>15. ELEVATIONS (Show whether SF, RT, GR, etc.)</b> 4,697' GR	<b>12. COUNTY OR PARISH</b> San Juan <b>13. STATE</b> Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)**

4-1/2" casing was set and cemented @ 2,645' KB. Desert Creek Formation was perforated from 2,554' - 2,568' and 2,533' - 2,545'. No shows of oil or gas following acid treatment. Plug to abandon as follows:

1. PLUG #1 - 2,433' - 2,600' 20 sx (tag)
2. PLUG #2 - 288' - 388' 15 sx
3. Plug #3 - 0' - 100' 10 sx
4. Fill 4-1/2" x 8-5/8" casing annulus with 100 sx cement.
5. Cut off casinghead and install dry hole marker.

Plugging procedure and approval received from Mr. Frank Mathews.

RECEIVED

JAN 25 1993

DIVISION OF  
OIL, GAS & MINING

**18. I hereby certify that the foregoing is true and correct**

SIGNED Robert C. Arceneaux Senior Petroleum Engineer DATE 01/21/93

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**CONFIDENTIAL**

1. TRACT DESCRIPTION AND SERIAL NO.  
M-1466

6. IF INDIAN, QUANTY OR TRIBE NAME  
--

7. UNIT AGREEMENT NAME  
--

8. FARM OR LEASE NAME  
State

9. WELL NO.  
32-16

10. FIELD AND POOL, OR WILDCAT  
Wildcat - (001)

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA  
Section 16-T35S-R15E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL  GAS WELL  OTHER DRY HOLE

2. NAME OF OPERATOR  
Ampolex (Texas), Inc.

3. ADDRESS OF OPERATOR  
1225 17th Street, Suite #3000, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
SW NE 1,915' FNL & 2,100' FEL

14. API NUMBER  
43-037-31483

15. ELEVATIONS (Show whether DF, ST, GR, etc.)  
4,697' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)\*

Set cement plugs as follows:

PLUG #1: 2,503' - 2,375' 25 sx (Tagged)  
 PLUG #2: 388' - 195' 15 sx  
 PLUG #3: 146' - Surface 10 sx  
 PLUG #4: Pumped 110 sx cement down 8-5/8" casing annulus

Displaced 4-1/2" casing with 9#/gallon mud before spotting cement plugs.  
 P & A on 01/20/93.

**RECEIVED**  
 FEB 05 1993  
 DIVISION OF  
 OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Robert C. Anderson Senior Petroleum Engineer DATE 01/22/93

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

**CONFIDENTIAL**  
STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.

ML-44061

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

State

9. WELL NO.

#32-16

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 16-T35S-R15E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION

**RECEIVED**

FEB 16 1993

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY

b. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other FEB 16 1993

2. NAME OF OPERATOR

Ampolex (Texas), Inc.

3. ADDRESS OF OPERATOR

1225 17th Street, Suite #3000, Denver, Colorado 80202

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

At surface 1,915' FNL & 2,110' FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

43-037-31483

DATE ISSUED

01/31/90

15. DATE SPUDDED

11/15/92

16. DATE T.D. REACHED

12/07/92

17. DATE COMPL. (Ready to prod.)

01/20/93 P & A

18. ELEVATIONS (DF, RBB, RT, GR, ETC.)\*

4,700' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

21645' per Sundry Rec'd 12-30-92

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNM-LDT; CSS; DLL-MSFL, DUAL INDUCTION

12-15-92

27. WAS WELL CORED

Yes

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	338'	12-1/4"	220	0
4-1/2"	10.5 & 11.6#	2,645'	7-7/8"	325	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

2,554' - 2,568' 4 JSPF

2,533' - 2,545' 4 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2,554' - 2,568'	700 gallons 15% HCL
2,533' - 2,545'	2,200 gallons 15% HCL

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
01/20/93 P & A						PLUGGED	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

No core analysis was completed.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Robert C. Arnesen* Senior Petroleum Engineer

DATE

02/11/93

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

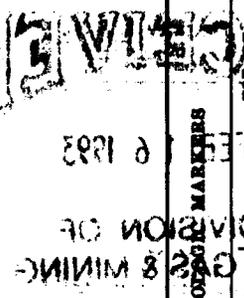
**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)



FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Core	2,322'	2,350'	Limestone, light brown, light gray
<b>37. SUMMARY OF POROUS ZONES:</b> SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
<b>38. GEOLOGICAL MARKERS</b>			
NAME	DEPTH	NEAR. DEPTH	TOOL
Cedar Mesa	Surface		
Halgaito	978'		
Hermosa	1,453'		
Ismay	2,300'		
Desert Creek	2,465'		
Chimney Rk	2,575'		
Akah	2,602'		

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.  
**ML-44061**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
--

7. UNIT AGREEMENT NAME  
--

8. FARM OR LEASE NAME  
**State**

9. WELL NO.  
**32-16**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat - (001)**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 16-T35S-R15E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL  GAS WELL  OTHER **DRY HOEE**

2. NAME OF OPERATOR  
**Ampolex (Texas), Inc.**

3. ADDRESS OF OPERATOR  
**1225 17th Street, Suite #3000, Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**SW NE 1,915' FNL & 2,100' FELL**

14. API NUMBER  
**43-037-31483**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4,697' GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>WELLSITE REBTORATION</b> <input checked="" type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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 measured and true vertical depths for all markers and zones pertinent to this work.)\*

The drillsite of the captioned well has been restored and re-seeded as per the provisions of the A.P.D. Reclamation work was completed on 02/19/93.

**RECEIVED**

MAR 04 1993

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Robert C. Arceneaux TITLE Senior Petroleum Engineer DATE 02/02/93

(This space for Federal or State office use)

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