



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



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)

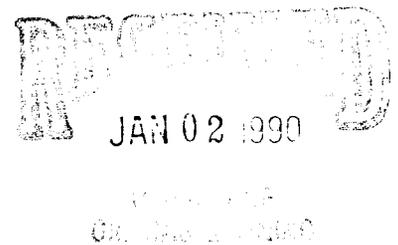


Exhibit E is a 1"=2000' map of the area showing all four (4) proposed drilling locations, proposed access roads, existing roads, etc.; Exhibit E-1 is an area map showing locations relative to Utah State Highway 95 and San Juan County Road 208-A.

**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.

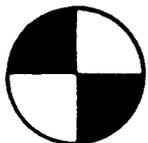
Respectfully Submitted,

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



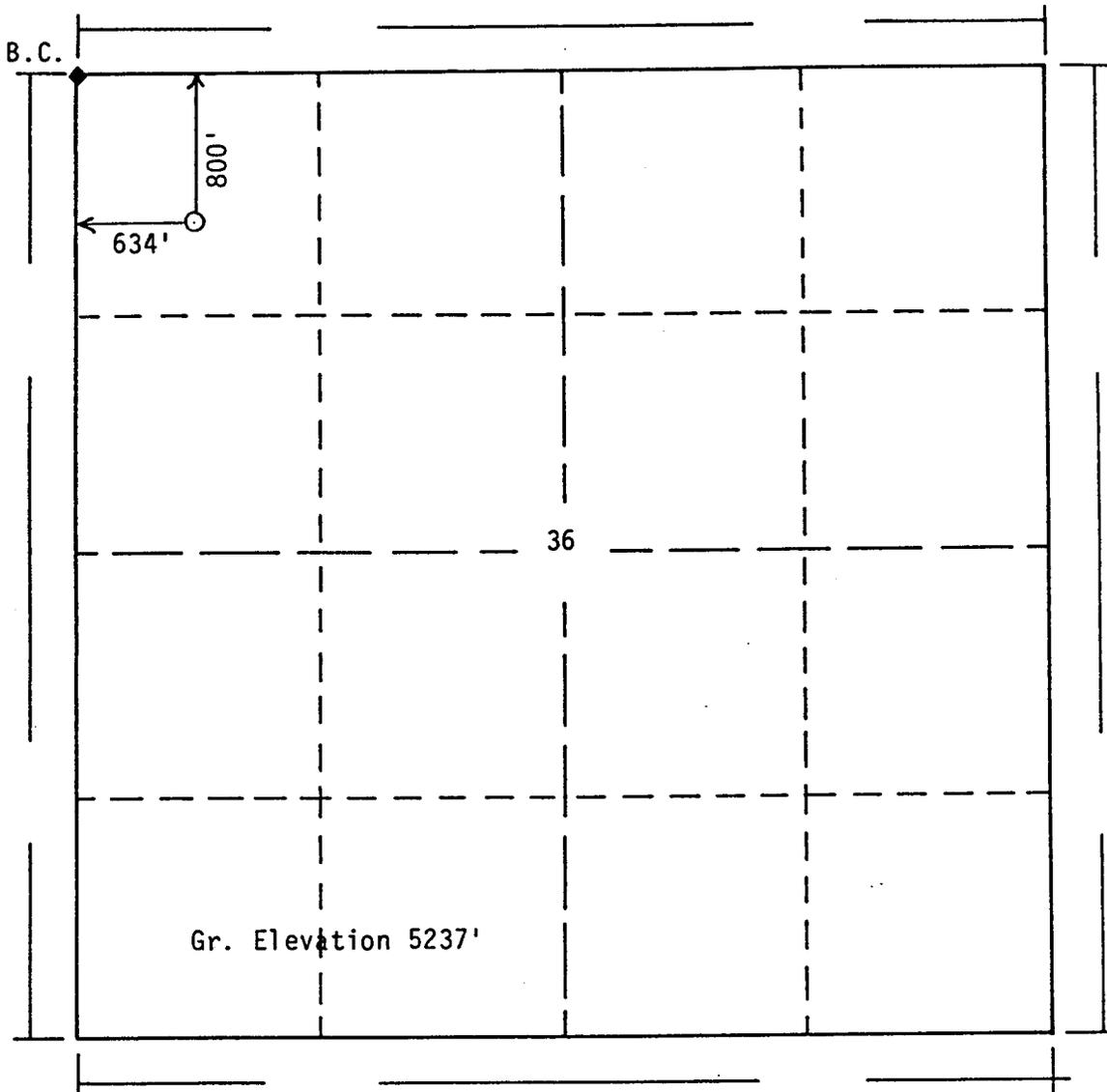
John A. Brooks
Petroleum Engineer
AMPOL EXPLORATION (U.S.A.), INC.

EXHIBIT A



Form PS-102

R. 15 E



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 11-36 to be 800fn1, 634fw1 Section 36, Township 34 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 11-36

Roy A. Rush
 Licensed Land Surveyor No. 8894
 State of New Mexico



Date: 10-25-89

FEDERAL EXPRESS

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

USE THIS AIRBILL FOR INTERNATIONAL AIRWAYBILL SHIPMENTS TO PUERTO RICO.

**AIRBILL
PACKING
TRACKING**

292M

5321552320

RECIPIENT

Date
12/29/89

From (Your Name) Please Print

Your Phone Number (Very Important)

To (Recipient's Name) Please Print

John A. Brooks

303-7297-1000

Company

Department / Floor No.

Company

AMPOL EXPLORATION

Utah Board of Oil

Street Address

Exact Street Address (We Cannot Deliver to P.O.)

1225 17TH ST STE 3000

Suite 350, 3 Trl

City

State

ZIP Required

City

DENVER

CO

80202

Salt Lake City,

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

IF HOLD FOR PICK-UP, Street Address

PAYMENT Bill Sender Bill Recipient's FedEx Acct. No. Bill 3rd Party FedEx Acct. No. Bill Credit Card.

Cash

City

SERVICES
(Check only one box)

DELIVERY AND SPECIAL HANDLING

PACKAGES WEIGHT in Pounds Only YOUR DECLARED VALUE OVER SIZE

Emp. No.

Priority Overnight Service
(Delivery by next business morning†)

Standard Overnight Service
(Delivery by next business afternoon†)

HOLD FOR PICK-UP (Fill in Box #)

DELIVER WEEKDAY

Cash Received
 Return Shipment
 Third Party
Street Address

11 **YOUR PACKAGING**

51

3 **DELIVER SATURDAY** (Extra charge)

City

16 **FEDEX LETTER**

56 **FEDEX LETTER**

4 **DANGEROUS GOODS**
(Extra charge)

Total Total Total
1 3 -0-

Received By

12 **FEDEX PAK**

52 **FEDEX PAK**

5 **CONSTANT SURVEILLANCE SVC. (CSS)**
(Extra charge) (Release Signature Not Applicable)

DIM SHIPMENT (Heavyweight Services Only)

Date/Time Received

13 **FEDEX BOX**

53 **FEDEX BOX**

6 **DRY ICE** Lbs.

Received At

Release Signature

Economy Service
(formerly Standard Air)
(Delivery by second business day†)

Heavyweight Service
(for Extra Large or any package over 150 lbs.)

7 **OTHER SPECIAL SERVICE**

8 **SATURDAY PICK-UP**
(Extra charge)

1 Regular Stop 2 On-Call Stop

Date/Time

30 **ECONOMY SERVICE**

70 **HEAVYWEIGHT** **

9 **SATURDAY PICK-UP**
(Extra charge)

3 Drop Box 4 B.S.C. 6 Station

† Delivery commitment may be later in some areas.

** Declared Value Limit \$100.
*** Call for delivery schedule.

12 **HOLIDAY DELIVERY** (if observed)
(Extra charge)

FedEx Emp. No.

EXHIBIT A-1

Ampol Exploration (U.S.A.) Inc.
State 11-36
Section 36, T.34S, R.15E
800fnl, 634fwl
San Juan County, Utah

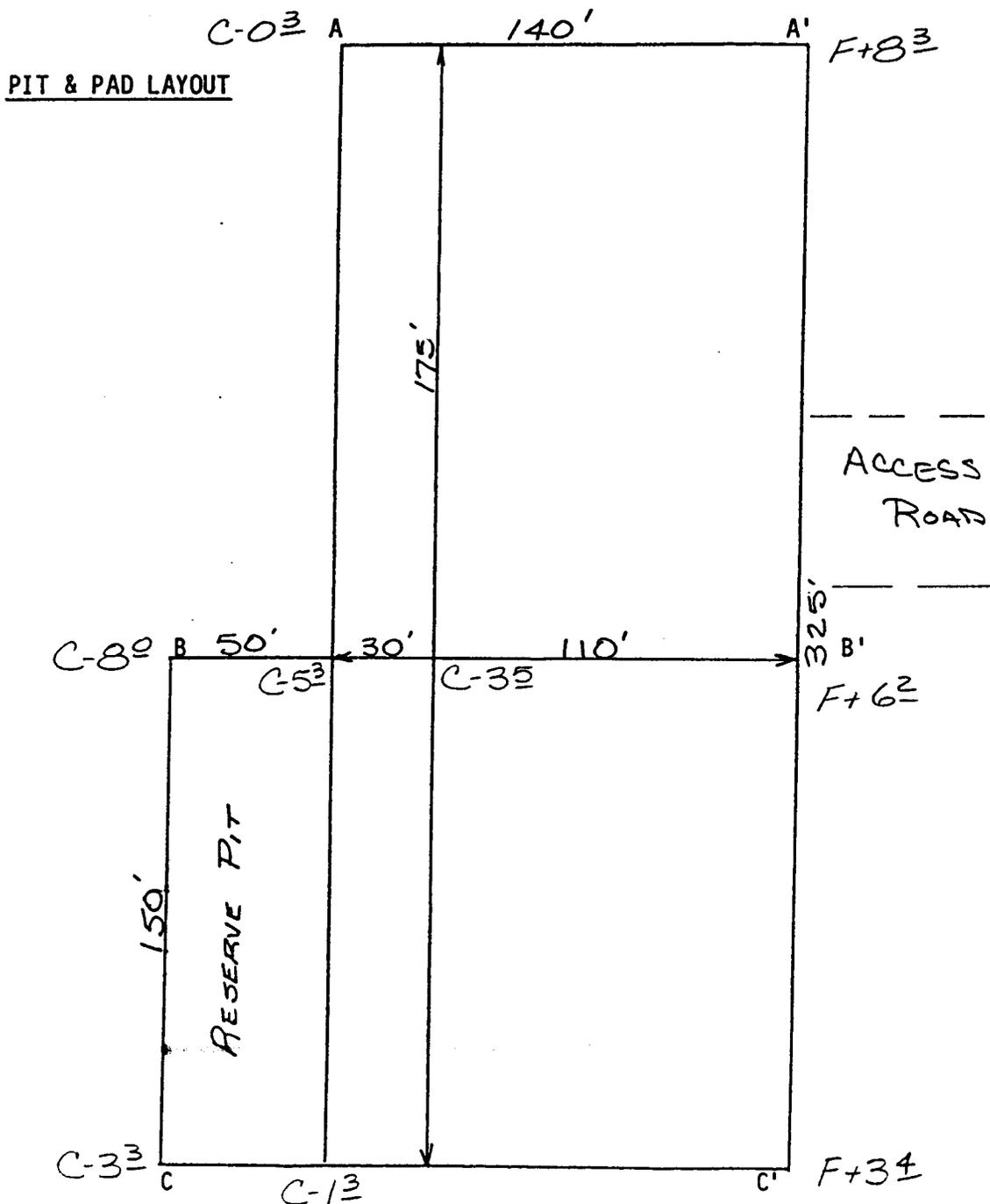


EXHIBIT B
TEN-POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

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

Well: State 11-36
 Location: 800' FNL 634' FWL - NW NW Section 36 T34S R15E
 County: San Juan
 State: Utah
 Projected Total Depth: 2,700'
 Estimated Ground Elevation: 5,237'
 Estimated KB: 5,247'

1. THE GEOLOGIC SURFACE FORMATION

The geologic surface formation is Quarternary Colluvium on Permian Cedar Mesa Sandstone.

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

<u>TOPS</u>		<u>ESTIMATED DEPTH (KB)</u>
QUARTERNARY	Colluvium	(surface)
PERMIAN	Cedar Mesa Sandstone	15'
	Halgaito/Rico	715'
PENNSYLVANIAN	Upper Hermosa	1,415'
	Paradox (Cycles 0 & 1)	2,115'
	Ismay (Cycles 2 & 3)	2,255'
	Desert Creek (4 & 5)	2,465'
	Chimney Rock Shale	2,585'
	Akah	2,613'
TOTAL DEPTH		2,700'

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

Upper Hermosa	1,415'
Desert Creek	2,465'

4. PROPOSED CASING PROGRAM

Hole Size	Interval	Interval Length	Pipe O.D.	Weight, Grade and Coupling	New or Used
17-1/2"	0 - 60'	60'	13-3/8"	48#	NEW
12-1/4"	0 - 270'	270'	8-5/8"	24# J-55 ST&C	NEW
6-1/4"	0 - 2700'	2700'	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' - 270'	Water	8.8	--	--
270' - 2,105'	Water & gel + Barite & LCM as needed.	8.8	27	--
2,105' - 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 2,105' 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.

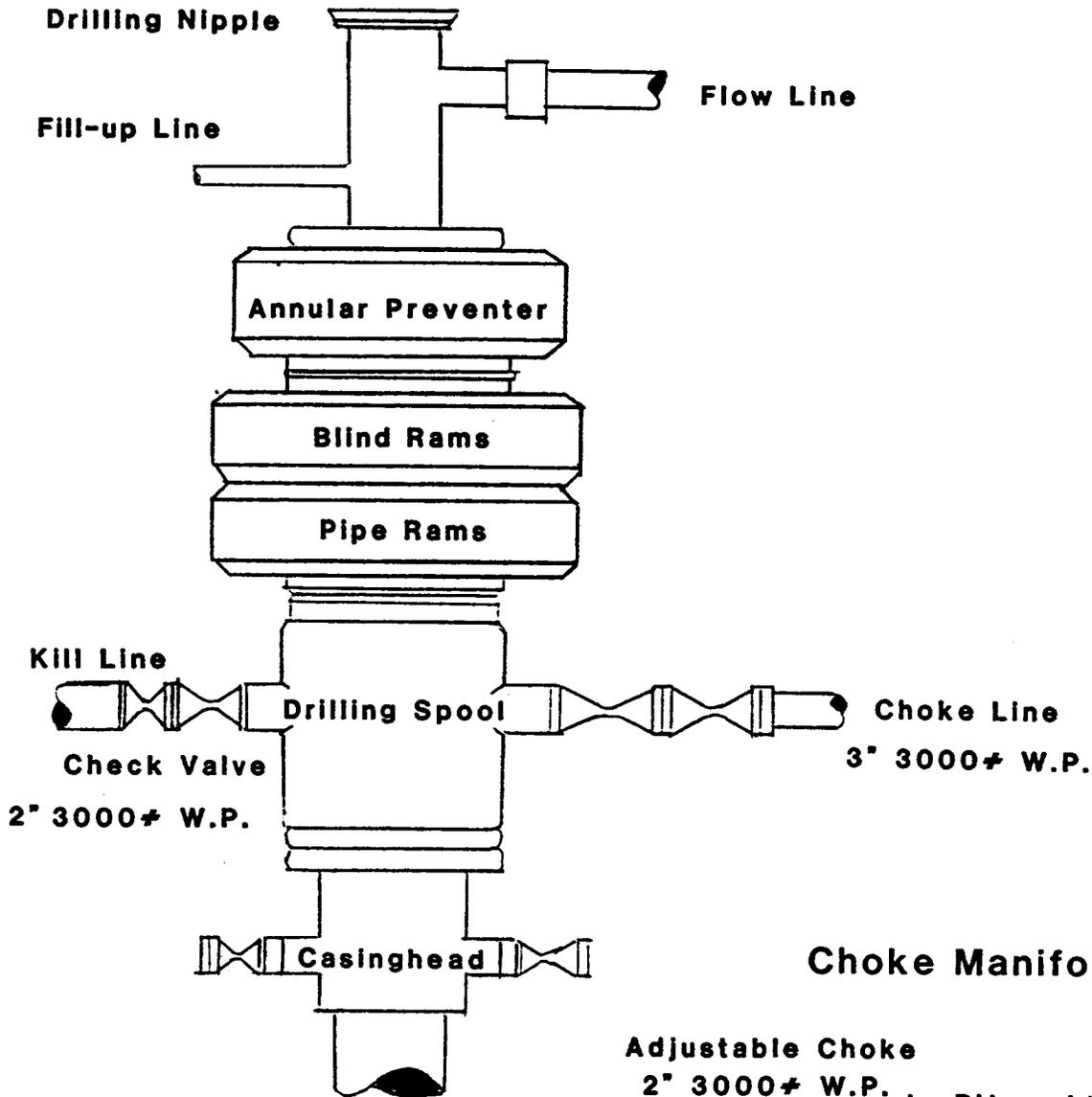
10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

The anticipated starting date is set for late July, 1990 or as soon as possible after examination and approval of drilling requirements. Operations should be completed within thirty (30) days after spudding the well.

EXHIBIT C
Blow Out Preventer Equipment

BOP Stack

STATE 11-36



Choke Manifold

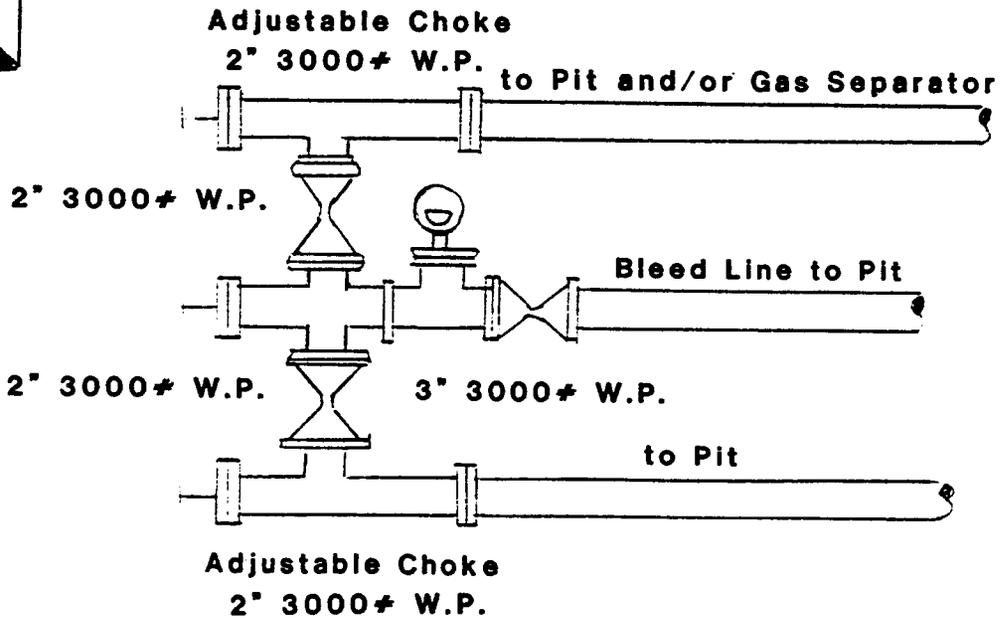


EXHIBIT D

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 11-36
Location: 800' FNL 634' FWL - NW NW Section 36 T34S R15E
County: San Juan
State: Utah
Projected Total Depth: 2,700'
Estimated Ground Elevation: 5,237'
Estimated KB: 5,247'

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 34 miles. From Fry Canyon store, go northwest on Utah State Highway 95 20 miles; turn east on San Juan County Road 208-A and go approximately 14 miles. Turn southeast on dirt road approximately 100' to location.
- c. Turning east off of Utah State Highway 95, the first 1.2 miles of county road 208-A crosses land administered by the Glen Canyon National Recreation Area, from which a right-of-way permit will be obtained as necessary. A sharp switchback in 208-A along the western edge of Section 7-T34S-R15E will be modified to allow access of drilling equipment. The road will be watered and bladed as necessary. A right-of-way and road-use permit will also be obtained from the San Juan County Road Department.
- d. All roads to location are shown on Exhibits E & E-1. The only road construction required will be for the 100' 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 100' of new access road required. Existing roads are shown on Exhibits E & E-1. The

2. PLANNED ACCESS ROADS (Cont.)

proposed 100' of road will run in a southeasterly direction from San Juan County Road 208-A. 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 San Juan County Road Department. 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) 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 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,

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

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.

- 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.

10. PLANS FOR RESTORATION OF SURFACE (Cont.)

- c. The area will be seeded between October 1st and February 28th as directed by the Utah Division of Lands and Forestry.

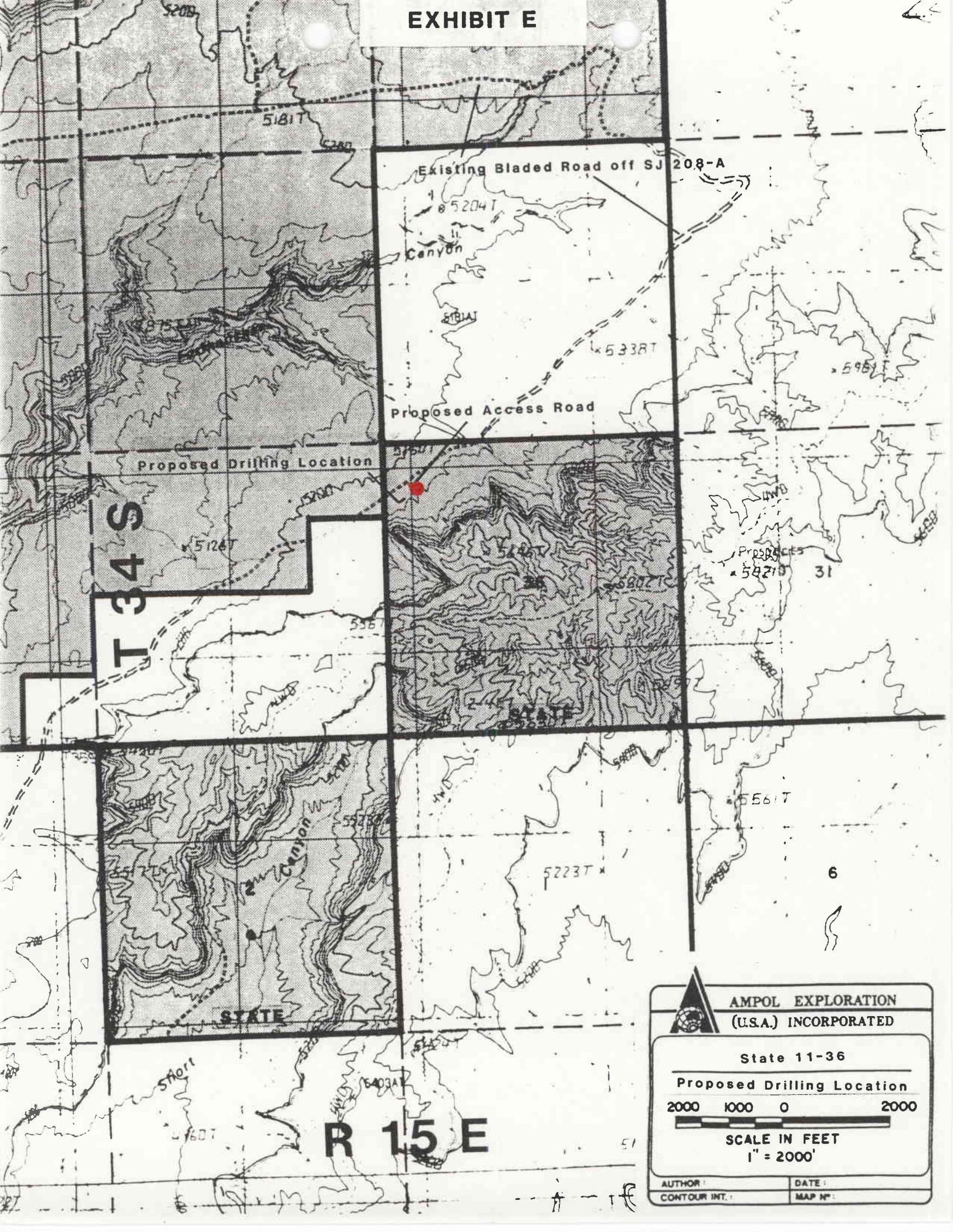
11. OTHER INFORMATION

- a. No occupied dwellings are known to exist in the area.
- b. The closest live water is the Colorado River, approximately 6.4 miles northwest 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 July 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



T 34 S

R 15 E

Existing Bladed Road off SJ 208-A

Proposed Access Road

Proposed Drilling Location

AMPOL EXPLORATION
(U.S.A.) INCORPORATED

State 11-36

Proposed Drilling Location

2000 1000 0 2000

SCALE IN FEET
1" = 2000'

AUTHOR:	DATE:
CONTOUR INT.:	MAP N°:

EXHIBIT F

Cultural Resource Management Report

STATE 11-36 CULTURAL RESOURCES INVENTORY
SAN JUAN COUNTY, UTAH

Written By:

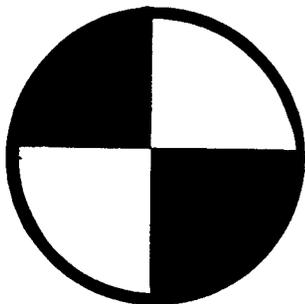
Brian P. O'Neil, M.A.

Submitted To:

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

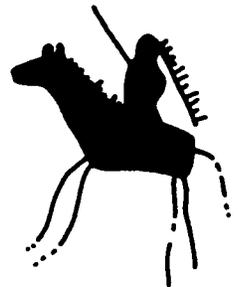
Date:

November 7, 1989

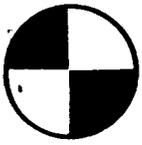


POWERS ELEVATION CO., INC.

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 11-36, well pad, San Juan County, Utah; on lands administered by the state of Utah.

ANTIQUITIES PERMIT NO: 88UT54629
STATE PERMIT PROJECT NO: U-89-PA-636s

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 had been 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 800' FNL, 634' FWL, Section 36, T.34S., R.15E.

MAP REFERENCE: Indian Head Pass, 7.5', provisional, 1987.

DATE OF INVESTIGATION: October 28, 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 northeast-southwest by 200 feet northwest-southeast. The access road to the proposed well location is approximately 100 feet long from its take off point along San Juan County Road 208 A.

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. Vegetation consists of pinyon and juniper, Fremont barberry, snakeweed, antelope brush, Mormon tea, shadescale, rabbit brush, yucca, prickly pear cactus, and sparse native grasses. Ground visibility is approximately 60 to 95%. Slope is 2 to 20% grades, and the exposure is northerly. Elevation is approximately 5,240 feet.

FIELD METHODS: A 10 acre area surrounding the well pad center stake was surveyed by walking a series of topographic and 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 is located within the 10 acre survey area.

RESULTS: No historic or prehistoric cultural resources were observed within the proposed project survey area. A total area of 10 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.

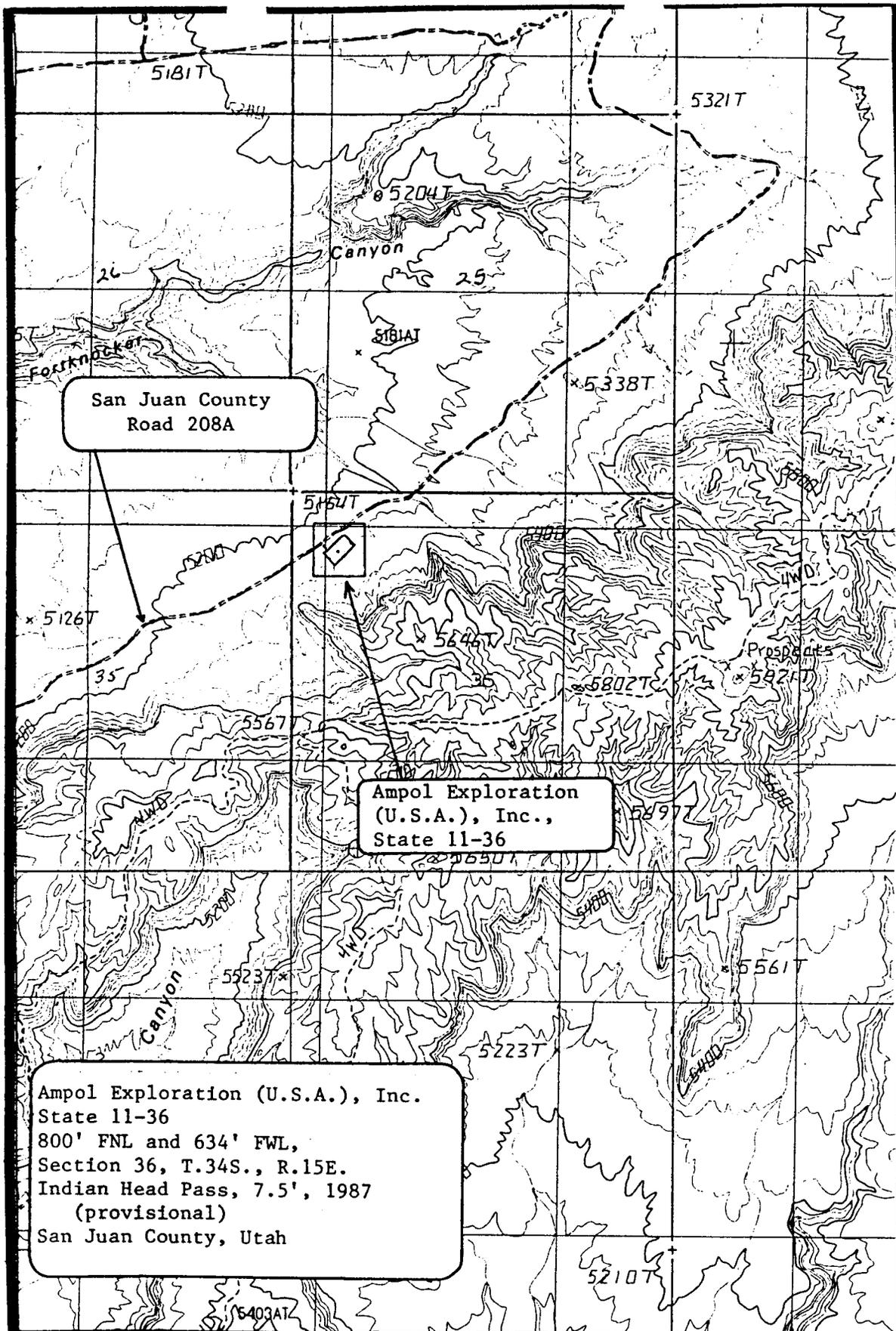
Marcia J. Tate 11/9/89
Marcia J. Tate Date
Principal Investigator

MJT:sr

Ampol Exploration (U.S.A.), Inc.
State 11-36
800' FNL and 634' FWL,
Section 36, T.34S., R.15E.
San Juan County, Utah



Looking south at center stake.



Ampol Exploration (U.S.A.), Inc.
State 11-36
800' FNL and 634' FWL,
Section 36, T.34S., R.15E.
Indian Head Pass, 7.5', 1987
(provisional)
San Juan County, Utah

SCALE 1:24 000

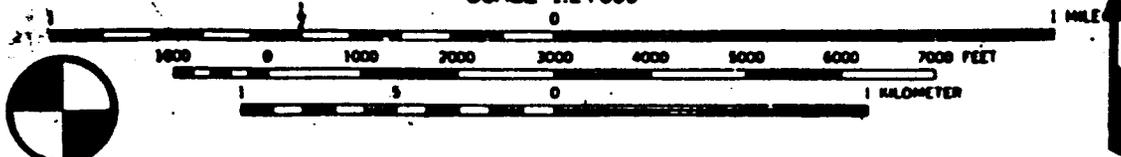


EXHIBIT G

Ampol Exploration (U.S.A.) Inc.
State 11-36
Section 36, T.34S, R.15E
800fn1, 634fw1
San Juan County, Utah

CROSS SECTIONS & DIRT QUANTITIES

Pad cut 2069cu yds
Pit cut 2778cu yds
Pad fill 4517cu yds

Scale
Horizontal: 1"=30'
Vertical: 1"=10'

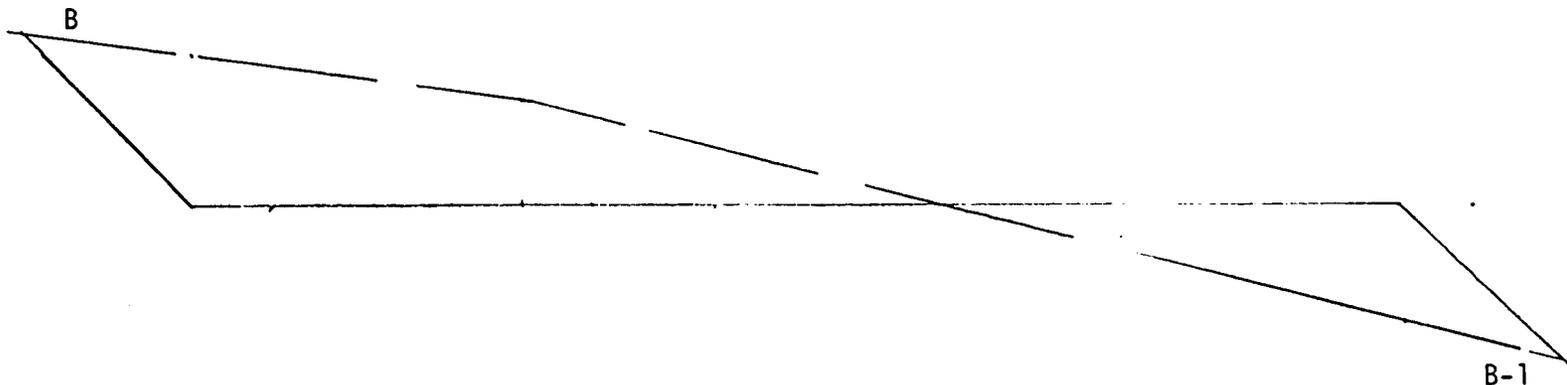
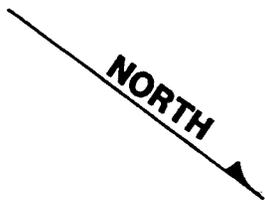


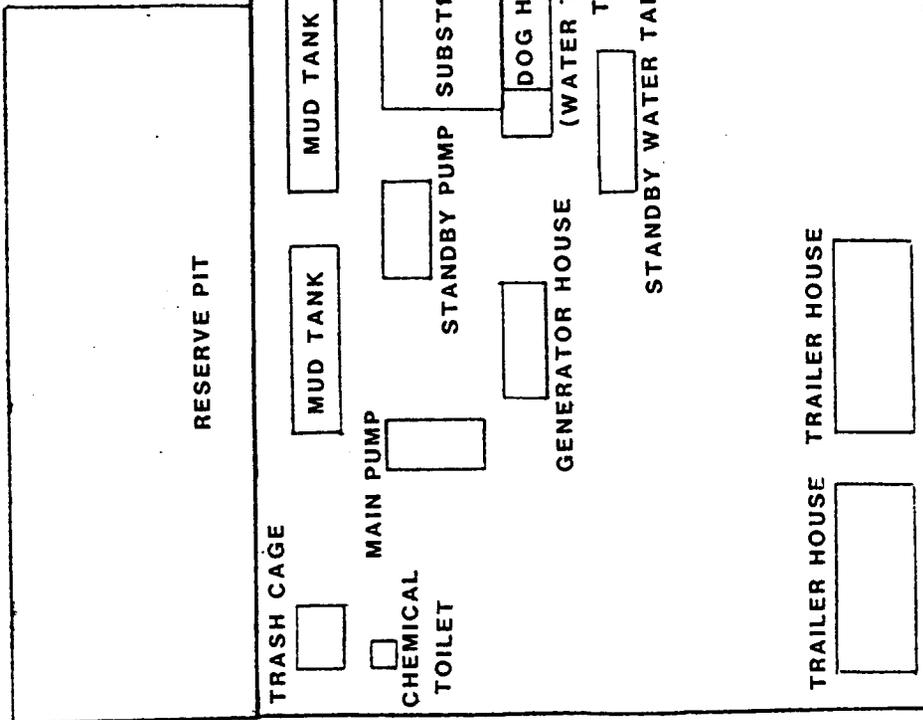
EXHIBIT H

Ampolex (Texas), Inc.
State 11-36
Section 36, T.34S, R.15E
800fn1, 634fw1
San Juan County, Utah



150'

50'



140'

325'

SCALE: 1" = 40'

ACCESS

PARKING

TURNAROUND

PIPE BASKETS

PIPE RACK

CATWALK

SUBSTRUCTURE

DOG HOUSE

(WATER TANK & FUEL TANK BELOW)

STANDBY WATER TANK

STANDBY PUMP

GENERATOR HOUSE

RESERVE PIT

MUD TANK

MUD TANK

TRASH CAGE

MAIN PUMP

CHEMICAL TOILET

TRAILER HOUSE

TRAILER HOUSE

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
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 the 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, agrees and by these presents does hereby bind himself to fulfill on behalf of each lessee all obligations of each such lease on 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

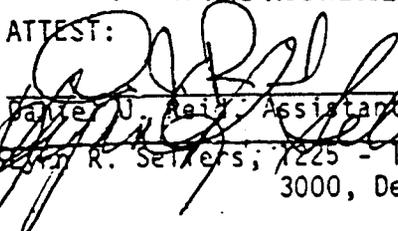
WHEREAS the principal and surety agree that in the event of any default under the leases, the lessor may commence and prosecute any claim, suit, action, or other proceeding against the principal and surety, or either of them, without the necessity of joining the lessees.

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:

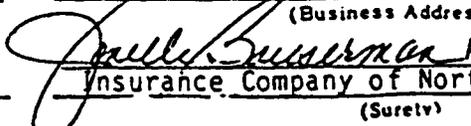
NAMES AND ADDRESSES OF WITNESSES

ATTEST:


James J. Reilly, Assistant Secretary
Bureau of Land Management
1225 - 17th Street, Suite
3000, Denver, CO 80202


AMPOL EXPLORATION (U.S.A.) INC. (U.S.)
B. D. Emmett, Vice President
1225 17th Street
Denver, CO 80202

(Business Address)


J. B. Bussman, Attorney-in-fact
Insurance Company of North America (U.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]
DANIEL J. REID, Assistant Secretary
[Signature]
Witness: Lynn W. Sellers

[Signature]

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

By [Signature]
(Principal)

B. D. Emmett, Vice President

(Principal)

(Principal)

Insurance Company of North America

(Surety)

[Signature]
Attorney-in-fact

574164

POWER OF ATTORNEY
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 saidMICHAEL B. FODOR....., Vice-President, has hereunto subscribed his name and affixed the corporate seal of the said INSURANCE COMPANY OF NORTH AMERICA this19th..... day ofJanuary..... 19...83.....



(SEAL)

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

STATE OF PENNSYLVANIA }
COUNTY OF PHILADELPHIA } ss.

On this19th..... day ofJanuary....., A. D. 19...83....., before me, a Notary Public of the COMMONWEALTH OF PA. in and for the County of PHILADELPHIA came

.....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

Letitia H. Clark
LETITIA H. CLARK Notary Public.

My commission expires My Commission Expires August 22, 1983

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 ofJuly..... 1983.....



(SEAL)

James S. Willie
JAMES S. WILLIE 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 3.13 and 6.1 of the By-Laws, the following Rules shall govern the issuance for the Company of bonds, undertakings, recognizances, contracts and other writings in the future hereon:

- (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 or Officers of the Company, and Attorneys-in-Fact to do and execute or assist in the execution of all such matters 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 signatures 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 signatures 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 execute 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 26, 1975 and March 21, 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



COMMONWEALTH OF PENNSYLVANIA
COUNTY OF PHILADELPHIA

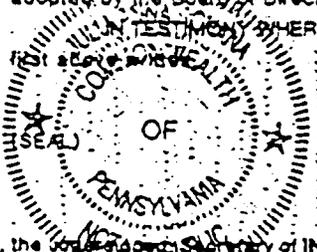
INSURANCE COMPANY OF NORTH AMERICA

by *[Signature]*
JOHN B. FITZGERALD, JR., Vice President

On this 25th day of April, 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.

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



[Signature]
Julia Anna 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



[Signature]
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 2.18 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 8, 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 VP
Fee Rec. 130.00
Receipt # 07067
Microfilmed _____
Roll # _____
OIL, GAS & MINING

JAN 02 1989

APPLICATION TO APPROPRIATE WATER

TEMPORARY

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. Hase agent

TEMPORARY

STATE ENGINEER'S ENDORSEMENT

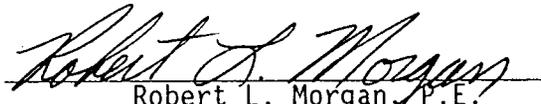
WATER RIGHT NUMBER: 99 - 104

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 11-36
SECTION: 36 TWP: 34S RNG: 15E LOC: 800 FNL 634 FWL
QTR/QTR NW/NW 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 1:00 PM

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, Stan Baker-Utah State Lands

REGIONAL SETTING/TOPOGRAPHY: Location is on the northern edge of the Slickrock Physiographic Province northeast of White Canyon. This location is on a gentle west dipping slope on the east side of an existing road.

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: None

FLORA/FAUNA: Blackbrush, Pinion, Juniper, Snakeweed, Freemont Barberry, scattered Curly grass, Saltbush, Mormon Tea, Cryptogams/Birds, Insects, Deer, possible Bighorn Sheep

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Silty-sand with colluvial gravel

SURFACE FORMATION & CHARACTERISTICS: Quaternary colluvium lying on the Permian, Organrock Shale

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-1,415', Desert Creek-2,465'

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: Drill seed in pad site at recommended BLM rate. Substitute yellow sweet clover for Mormon Tea (*Ephedra viridis*) and Hycrest Wheatgrass and annual oatgrass for grass species. Recommend contouring pad, 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.

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

MUD PROGRAM: 0-270'/water, 270-2,105'/water & gel with Barite and LCM as needed, 2,105-TD/water, gel, soda ash, caustic soda with Barite and LCM as needed

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

STIPULATIONS FOR APD APPROVAL

Reserve pit is to be lined with synthetic liner.

Drainage diversion shall be placed on up hill side of location.

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 #11-36, on state lease number ML-44448 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)
NW/4, NW/4, Section 36, Township 34 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 Ampolex (Texas) Inc. (NO385) DATE 1-4-90

WELL NAME State 11-36

SEC NW/4 36 T 34S R 15E COUNTY San Juan

43-037-31482
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 34S, 15E or within 920'
Water Permit 99-104 / T64317
RDC 1-4-90 / Process 1-25-90
Archaeological Survey 11-7-89
Presite / Received 1-8-90.

APPROVAL LETTER:

SPACING: R615-2-3 N/A R615-3-2
UNIT

N/A R615-3-3
CAUSE NO. & DATE

STIPULATIONS:

- The reserve pit shall be lined with a synthetic liner with a minimum thickness of 12 mil. CC: St. Lands St. History
- A drainage diversion shall be placed on the uphill side of the location.
- [State Land Restoration stip.]

CONFIDENTIAL PERIOD EXPIRED ON 2-10-94

SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

HAROLD JACOBS
Chairman
WILLIAM D. HOWELL
Executive Director

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

AREAWIDE CLEARINGHOUSE A-95 REVIEW

140107

NOI ___ Preapp ___ App ___ State Plan ___ State Action X Subdivision ___ (ASP # 1-116-17)

Other (indicate) _____ SAI Number UT900112-020

Applicant (Address, Phone Number):

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

Federal Funds:

Requested: _____

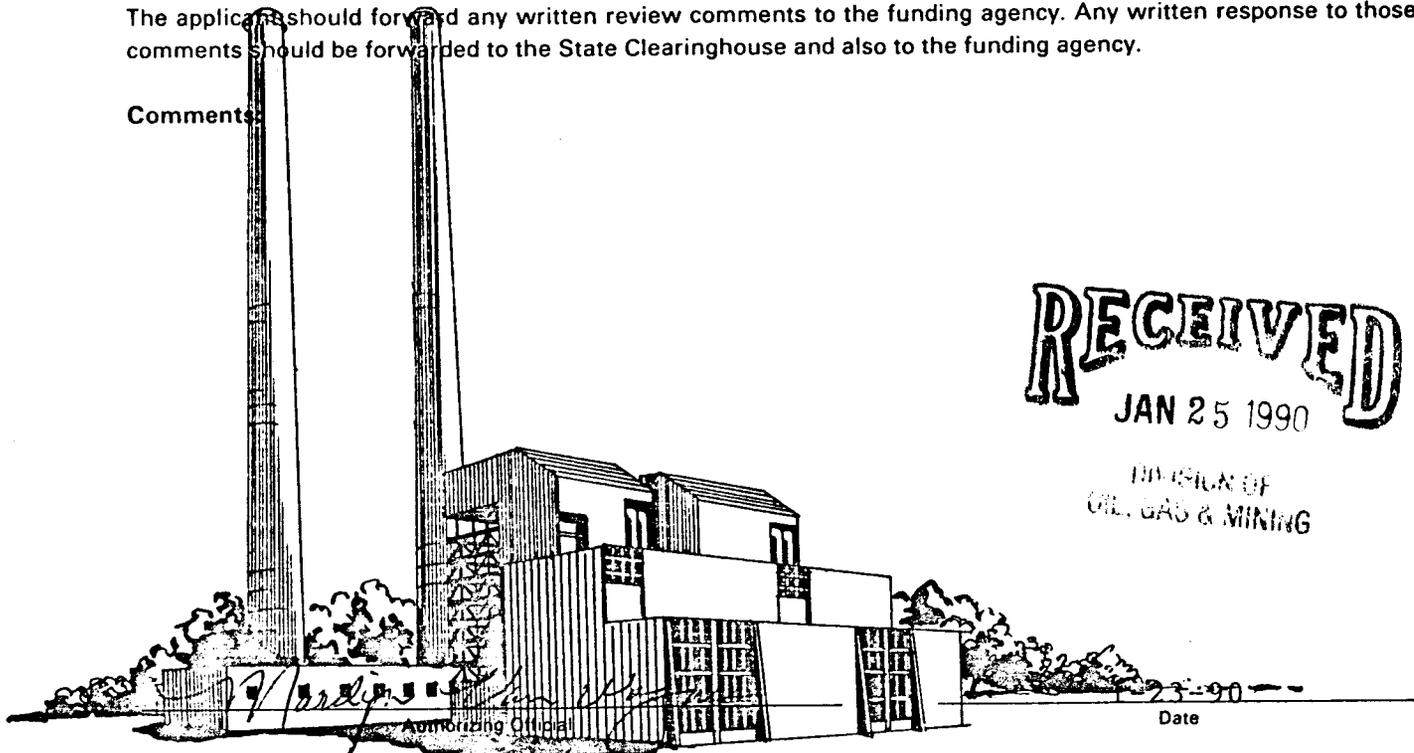
Title:

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:



REGIONAL CLEARINGHOUSE



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

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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 #11-36 - NW NW Sec. 36, T. 34S, R. 15E - San Juan County, Utah
800' FNL, 634' FWL

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 synthetic liner with a minimum thickness of 12 mil.
2. A drainage diversion shall be placed on the uphill side of the location.
3. 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 43-037-31482.

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
WE14/13-14



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
State #32-16	SW NE	Section 16-T35S-R15E	API No. 43-037-31483

DLC

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.

1-2-91
JTW/adeus

RLV/dc
Enclosures

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-44448

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

State

Well No.

11-36

10. Field and Pool, or Wildcat

Wildcat (0017)

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

Section 36-T34S-R15E

12. County or Parrish 13. State

San Juan Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN 1989

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
NW. NW Sec. 36-T34S-R15E 800' FNL & 634' FWL
At proposed prod. zone
SAME

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

41.7 miles west of Blanding, Utah

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

660

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

2,700' Akah

20. Rotary or cable tools

Rotary

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

5,230' 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#	270'	200 sks Class "G"
6-1/4"	4-1/2"	10.5#	2,700'	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 @ 270', cement with good returns.
3. Log B.O.P. checks in daily drilling reports & drill 6-1/2" hole to 2,700'.
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.

DEC 24 1990

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 A. Paul

Title

Petroleum Engineer

Date

12/29/89

(This space for Federal or State office use)

Permit No.

43-037-31482

Approval Date

APPROVED BY THE STATE

Approved by

Title

OF THE DIVISION OF OIL, GAS, AND MINING

Conditions of approval, if any:

JAN 1-31-90
John R. Bayn
DATE: 1-31-90
BY: John R. Bayn
WELL SPACING: R15-3-2

*See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <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>		5. LEASE DESIGNATION & SERIAL NO. ML-44448	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME --	
2. NAME OF OPERATOR Ampolex (Texas), Inc.		8. FARM OR LEASE NAME State	
3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, Colorado 80202		9. WELL NO. 11-36	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW NW 1/4 800' FNL & 634' FWL At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Wildcat (001)	
		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Section 36-T34S-R15E	
14. API NO. 43-037-31482	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,237' GR	12. COUNTY San Juan	13. STATE Utah

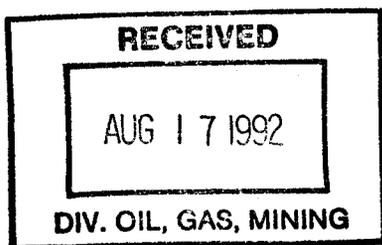
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		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) <input type="checkbox"/>	
(Other)		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START 10-15-92		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.

Revised total depth - 2,590'
Hole size will be 7-7/8"



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

SIGNED Robert C. Cullen Senior Petroleum Engineer APPROVED BY THE STATE

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

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



OCT 06 1992

DIVISION OF
OIL AND GAS

Re: Ampolex White Canyon State 11-36 43-037-31482
Section 36, T34S, R15E
San Juan County, Utah

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 is 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

<p>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.)</p>		<p>5. LEASE DESIGNATION & SERIAL NO. ML-44448</p>
		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME --</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>7. UNIT AGREEMENT NAME --</p>
<p>2. NAME OF OPERATOR Ampolex (Texas), Inc.</p>		<p>8. FARM OR LEASE NAME State</p>
<p>3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, Colorado 80202</p>		<p>9. WELL NO. 11-36</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW NW 800' FNL & 634' FWL At proposed prod. zone Same</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat (001)</p>
		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 36-T34S-R15E</p>
<p>14. API NO. 43-037-31482</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,237' GR</p>	<p>12. COUNTY San Juan</p>
		<p>13. STATE Utah</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 type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input checked="" 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>11/20/92</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.

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

10/19/92
J. Matthews

18. I hereby certify that the foregoing is true and correct
 SIGNED Robert E. Greenaway 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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

<p align="center">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.)</p>		<p>5. LEASE DESIGNATION & SERIAL NO. ML-44448</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 Ampolex (Texas), Inc.</p>		<p>7. UNIT AGREEMENT NAME ---</p>
<p>3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, Colorado 80202</p>		<p>8. FARM OR LEASE NAME State</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW NW 800' FNL & 634' FWL At proposed prod. zone Same</p>		<p>9. WELL NO. 11-36</p>
<p>14. API NO. 43-037-31482</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat (001)</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,237' GR</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 36-T34S-R15E</p>
<p>12. COUNTY San Juan</p>		<p>13. STATE Utah</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 Recombination Report and Log form.)
(Other) _____		DATE OF COMPLETION _____	

APPROX. DATE WORK WILL START 11/20/92

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.

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 E. Armentrout Senior Petroleum Engineer DATE 09/29/92

(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**

See Instructions On Reverse Side DATE: 10-2-92
BY: [Signature]

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

<p>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.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML-44448</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 Ampolex (Texas), Inc.</p>		<p>7. UNIT AGREEMENT NAME --</p>
<p>3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, Colorado 80202</p>		<p>8. FARM OR LEASE NAME State</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NW 800' FNL & 634' FWL</p>		<p>9. WELL NO. 11-36</p>
<p>14. API NUMBER 43-037-31482</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether DF, ST, GR, etc.) 5,237' GR</p>		<p>11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Section 36-T34S-R15E</p>
<p>12. COUNTY OR PARISH San Juan</p>		<p>13. STATE Utah</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>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 checked="" 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>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>

(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.) *

1. Request for one (1) year extension to A.P.D. Currently drilling a ten well program using two (2) rigs and equipment may not be available in time to meet expiration date of A.P.D.
2. 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

NOV 19 1992

11/20/92
J. Matthews
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 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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: AMPOLEX 43-037-31482

WELL NAME: STATE 11-36

Section 36 Township 34S Range 15E County SAN JUAN

Drilling Contractor VECO

Rig # 2

SPUDDED: Date 11/30/92

Time 1:00 PM

How ROTARY

Drilling will commence _____

Reported by GLENN GOODWIN-DOGM

Telephone # _____

Date 12/1/92 SIGNED JLT

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

CONFIDENTIAL

<p>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.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML-44448</p>																				
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The captioned well was spudded on 11/30/92, 8-5/8" surface casing was set @ 289'. Drilled to 414' KB with severe lost circulation @ 392'. Unable to regain circulation. Verbal approval to temporarily abandon well received from Mr. Frank Matthews on 12/08/92 as follows:

Set cast iron bridge plug at + 250' and install cap on casinghead. Plan to re-enter and drill ahead with air at a later date.

RECEIVED
DEC 10 1992
DIVISION OF
OIL GAS & MINING

12-10-92
Matthews

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

SIGNED Robert L. Greenaway TITLE Senior Petroleum Engineer DATE 12/09/92

(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

SUNDRY NOTICES AND REPORTS ON WELLS <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>		5. LEASE DESIGNATION AND SERIAL NO. ML-44448
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME --
2. NAME OF OPERATOR Ampolex (Texas), Inc.		8. FARM OR LEASE NAME State
3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, CO 80202		9. WELL NO. 11-36
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW NW 1/4 800' FNL & 634' FWL		10. FIELD AND POOL, OR WILDCAT Wildcat (001)
		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Section 36-T34S-R15E
14. API NUMBER 43-037-31482	15. ELEVATIONS (Show whether DF, ST, GR, etc.) 5,237' GR	12. COUNTY OR PARISH San Juan 13. STATE 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"/>	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"/>	Temp. ABANDONMENT* <input checked="" 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.) *

A cast iron bridge plug was set by wireline at 210' on 12/17/92. Subject well is temporarily abandoned pending results from current drilling activity in the area by Ampolex.

18. I hereby certify that the foregoing is true and correct
 SIGNED Robert C. Arceneux Senior Petroleum Engineer DATE 12/18/92

(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

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRY HOLE</p> <p>2. NAME OF OPERATOR Ampolex (Texas), Inc.</p> <p>3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, Colorado 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 800' FNL & 634' FWL NW NW</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML-44448</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---</p> <p>7. UNIT AGREEMENT NAME ---</p> <p>8. FARM OR LEASE NAME State</p> <p>9. WELL NO. 11-36</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Section 36-T34S-R15E</p> <p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p>
<p>14. API NUMBER 43-037-31482</p>	<p>15. ELEVATIONS (Show whether DF, ST, GR, etc.) 5,237' GR</p>	

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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 checked="" type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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A cast iron bridge plug was set by wireline inside of 8-5/8" surface casing at 210' as approved on 12/10/92. The surface casing was subsequently filled up with 190 sx of cement for permanent abandonment (bridge plug leaked and additional cement was required to fill casing).

A replacement well will be drilled on the same pad in lieu of attempting to re-enter this wellbore as originally planned.

RECEIVED

JAN 11 1993

DIVISION C.
OFFICE OF OIL AND GAS

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

SIGNED Robert H. Armentrout TITLE Senior Petroleum Engineer DATE 01/07/93

(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

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 22, 1993

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

Gentlemen:

Re: Well Completion Report - State 11-36 Well, Sec. 36, T. 34S, R. 15E, San Juan County, Utah, API No. 43-037-31482

Utah Admin. R649-3-21, the Utah Oil and Gas Conservation General Rules, requires that within 30 days after the completion of any well drilled or redrilled for the production of oil or gas, Well Completion or Recompletion Report and Log, Form 8, and copies of the electric and radioactivity logs, if run, shall be filed with the division. Utah Admin. R649-8-9 adds that Form 8 and accompanying logs shall be submitted within 30 days after recompleting a well or plugging a newly drilled well.

Our records indicate that the Well Completion Report for the referenced well has not been received. Enclosed is a copy of Form 8 for your use in promptly submitting this report. If you have questions regarding the completion of the form, please feel free to call Debra Eatchel at the above number.

Sincerely,

Don Staley
Administrative Manager
Oil and Gas

ldc
Enclosure
cc: R.J. Firth
D.M. Eatchel
Well file
WO11

CONFIDENTIAL
 STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG		5. LEASE DESIGNATION AND SERIAL NO. ML-44448
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESTR. <input type="checkbox"/>		7. UNIT AGREEMENT NAME ---
2. NAME OF OPERATOR Ampolex (Texas), Inc.		8. FARM OR LEASE NAME State
3. ADDRESS OF OPERATOR 1225 17th Street, Suite #3000, Denver, Colorado		9. WELL NO. 11-36
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 800' FNL & 634' FWL NW NW At top prod. interval reported below SAME At total depth SAME		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 36-T34S-R15E

14. API NO. 43-037-31482		DATE ISSUED 01/31/90		12. COUNTY San Juan	13. STATE Utah
15. DATE SPUDDED 11/30/92	16. DATE T.D. REACHED 12/08/92	17. DATE COMPL. (Ready to prod.) 01/06/93 (Plug & Abd.)	18. ELEVATIONS (DP, BEB, RT, CR, ETC.) 5,230' GR	19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 414'	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
None

27. WAS WELL CORED YES NO (Submit analysis)
 DRILL STEM TEST YES NO (See reverse side)

28. 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#	273'	12-1/4"	600 sx Class "B"	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION P & A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in) P & A		
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

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

SIGNED Robert C. Arceneaux TITLE Senior Petroleum Engineer DATE 03/03/93

See Spaces for Additional Data on Reverse Side