

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/ABD. _____

1-25-80 Operator name change to Quasar

DATE FILED 11-1-79

LAND: FEE & PATENTED STATE LEASE NO. ML-30452 PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 11-1-79

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA - Well never drilled 8-21-81

FIELD: Wildcat 3/86

UNIT:

COUNTY: Millard

WELL NO. State #1

API NO: 43-027-30016

LOCATION 2050' FT. FROM ~~XX~~ (S) LINE. 2450' FT. FROM ~~XX~~ (W) LINE. SW 1/4 - 1/4 SEC. 16

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
21S	15W	16	Amesbury QUASAR E.H. STONE INVESTMENT CO.				



United States Department of the Interior

IN REPLY REFER TO
3100
(U-530)

BUREAU OF LAND MANAGEMENT
Richfield District Office
150 East 900 North
Richfield, Utah 84701



May 31, 1979

Powers Elevation Company, Inc.
Cherry Creek Plaza, Suite 1201
600 South Cherry Street
Denver, Colorado 80222

Re: Request for Preliminary Environmental Review
E. H. Stone Investment Company
C. NE SW, S16, T21S., Range 15W.
Millard County, Utah

Gentlemen:

As you are aware, the above referenced drill location lies within BLM inventoried roadless unit UT-050-070. As a result of the roadless nature of the area and the possibility that the area may be designated a Wilderness Study Area, we are required by law to protect the areas suitability for wilderness. We do anticipate, however, that some oil and gas exploration activities can be allowed in such areas, as long as that activity is of a temporary nature and does not impair the areas suitability for wilderness.

We note that the referenced drill location is in Section 16 of Township 21S., Range 15W. These lands are state lands and are included in State Oil and Gas Lease No. 30452, and not USA-U-25941 as stated in the request for Preliminary Environmental Review.

Access to the proposed location would be over BLM administered lands. We are, therefore, requesting that you provide a detailed map of your proposed access route to the drill location. We will also require that



you meet on the ground with BLM and Utah State Division of Oil and Gas & Mining personnel to discuss your proposed access route prior to any surveying or staking activity. Upon receipt of the map showing your proposed access route, we will schedule the on-the-ground meeting.

Sincerely yours,

Donald D. Pendleton

District Manager

cc: District Engineer, USGS,
Salt Lake City, Utah

State of Utah, Div. of Oil,
Gas & Mining, Salt Lake
City, Utah

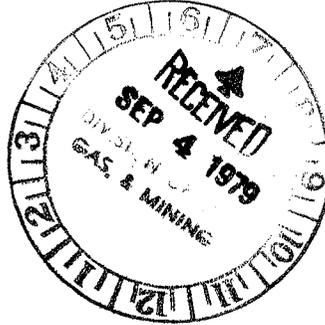
Area Manager, Warm Springs
Resource Area, Fillmore,
Utah



POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

August 30, 1979



Division of Oil, Gas & Mining
Mr. Cleon B. Feight, Director
1588 West, North Temple
Salt Lake City, Utah 82071

RE: State Filing A.P.D. Form OGC-1a
E.H. Stone Investment Company
#1 State
2050' FSL & 2450' FWL
SW1/4 Sec. 16 T21S R15W
Millard County, Utah

Dear Mr. Feight:

Enclosed are three copies of Form OGC-1a for the above-referenced location. Also attached is a location and elevation plat, blowout preventer diagram and access road maps to location.

If there are any questions, please advise.

Very truly yours,

POWERS ELEVATION

Connie L. Frailey
Connie L. Frailey

CLF/cw
Enclosure

cc: Hunter Stone - E.H. Stone Investment Company - Denver, Colorado

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

5. Lease Designation and Serial No.
ML-30452
6. If Indian, Allottee or Tribe Name
N/A
7. Unit Agreement Name
N/A
8. Farm or Lease Name
State
9. Well No.
#1
10. Field and Pool, or Wildcat
Wildcat
11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 16 T21S R15W
12. County or Parrish
Millard
13. State
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK
b. Type of Well
Oil Well Gas Well Other
Single Zone Multiple Zone

2. Name of Operator
E.H. Stone Investment Company 303-629-0738

3. Address of Operator
621 17th Street, Suite 1025, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
2050' FSL & 2450' FWL (SW 1/4)
At proposed prod. zone
(NE SW)

14. Distance in miles and direction from nearest town or post office*
68 miles Southwest of Hinckley, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 2050'
16. No. of acres in lease 1,280.00 m/1
17. No. of acres assigned to this well 640
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 2640+'
19. Proposed depth 14,000' *Hawaii Lime Stone*
Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 8099' GR
22. Approx. date work will start* As soon as possible after approval

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
15 1/2"	13 3/8"	54.5#	500'	cement to surface
13 3/4"	9 5/8"	40#	4000'	1500 sacks Class "G"
8 3/4"	7"	32#	14,000'	500 sacks Class "G"

1. Set 60' of 20" conductor pipe and cement to surface.
2. Drill 15 1/2" hole and set 13 3/8" surface casing to 500' with good returns.
3. Drill 13 3/4" hole and set 9 5/8" intermediate casing to 4000' and cement.
4. Log B.O.P. checks in daily drill reports and drill 8 3/4" hole to 14,000'.
5. Run tests if warranted and run 7" casing if productive.
6. Run logs, as needed, and perforate and stimulate as needed.

Attached are: Exhibit "A"-Location & Elevation Plat, Exhibit "E" & "E1"-Access Road maps to location, and Exhibit "C" which is a diagram of the Blowout Preventer. BOP's will be tested after nipling up and after use under pressure. BOP will be noted on daily drilling reports.

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 George Lapasotes Title Agent Consultant for E.H. Stone Investment Co. Date August 30, 1979

Permit No. Approval Date

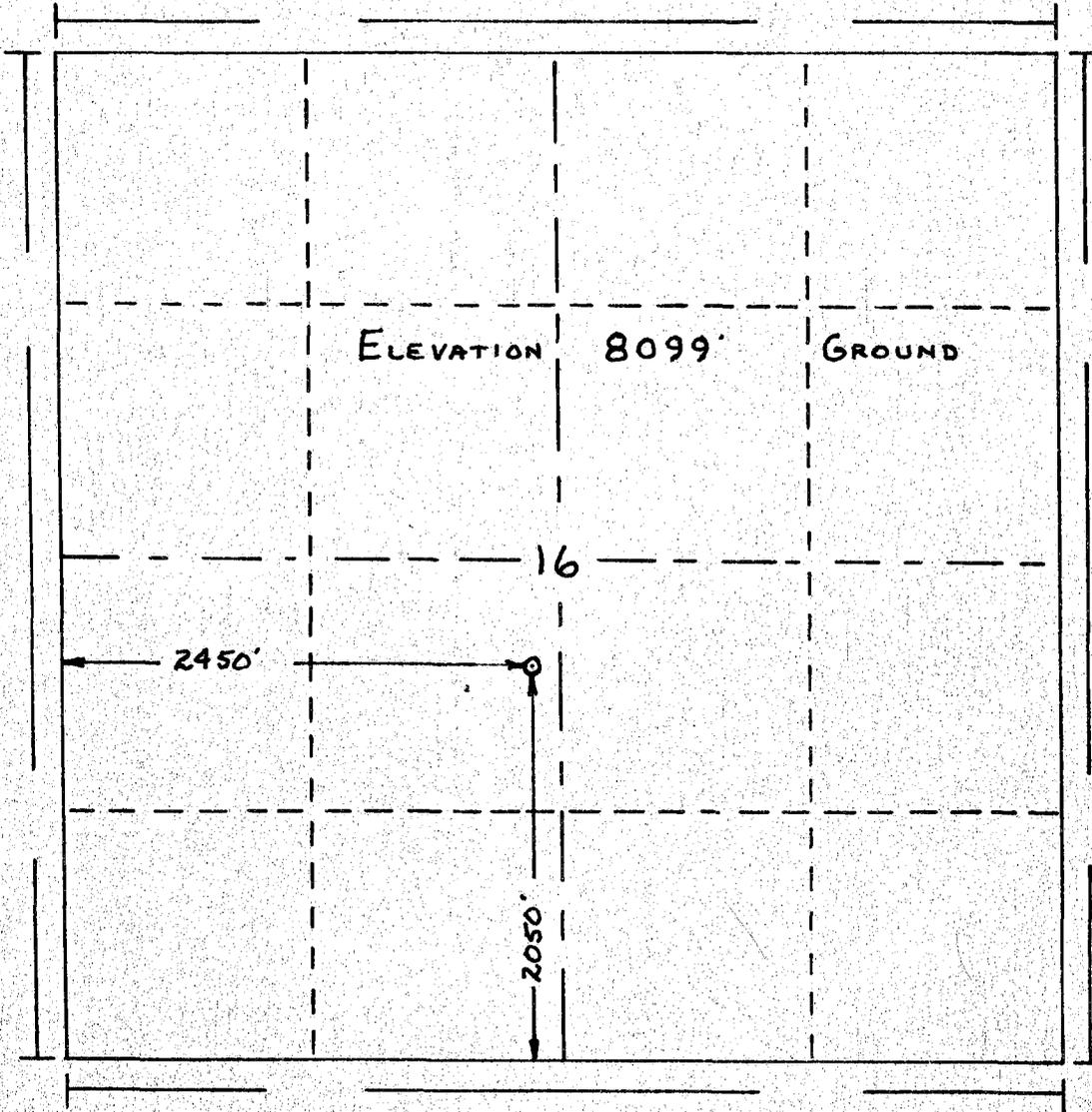
Approved by Title Date

Conditions of approval, if any:

*Powers Elevation
Coanie Fralley
Cherry Creek Plaza
So. Cherry #1, 5425
Denver*



R. 15 W.



Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
 has in accordance with a request from HUNTER STONE
 for E. H. STONE INVESTMENT COMPANY
 determined the location of #1 STATE
 to be 2050' FS & 2450' FW Section 16 Township 21 S.
 Range 15 W. OF THE SALT LAKE Meridian
 MILLARD County, UTAH

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 #1 STATE

Date: 7-1-79

J. Tolson
 Licensed Land Surveyor No. 2711
 State of UTAH

ENVIRONMENTAL ASSESSMENT

E.H. STONE INVESTMENT COMPANY

Section 16, Township 21 South, Range 15 West

Millard County, Utah

ML-30452

Prepared by

DIVISION OF OIL, GAS, & MINING

I. Description of the Proposed Action:

E.H. Stone Investment Company plans to drill a well on an existing State Oil and Gas Lease in Section 16, Township 21 South, Range 15 West, SLBM, to determine the liquid or gaseous hydrocarbon potential of several geologic formations down to a depth of 14,000 feet.

The proposed location is approximately 59 miles southwest of Hinkley, Utah. It may be reached by taking Highway (6)(50) 46 miles to the first gravel road on the south side of the highway after entering Kings Canyon. This road leads directly to the drilling site 13 miles southeast of the point of entry. The drilling location and access area are shown on Figure #1, which is a segment of a USGS topographical map.

II. Description of the Environment Potentially Effected:

The majority of the environment to be affected lies almost wholly in surface acreage disturbance in building the drilling pad and road. Such items as air quality and water quality will be subjected to minor, non-reoccurring disturbances. The surface acreage disturbance will be minimal and could possibly contribute to long-range enhancement of the area. This is, the presently existing road will be upgraded approximately 8 miles and 2½ miles of new road will be built.

The size of the drilling pad, as indicated by exhibit #2, will embrace a cleared area 400 feet by 450 feet, or approximately 4 acres. The vegetation so removed will consist primarily of Juniper and Pinion Pine, with a minor amount of native grasses interspersed between. In the event a dry hole or, as a matter of fact, a producing well, occurs; the acreage in use will be reseeded in such a manner that will provide, in excess, a more suitable grazing coverage than now exists.

A. Physical Environment

The state #1 well will be drilled on the top edge of a large ridge near an area known as King Top in the Confusion Range. The location site is approximately 13 miles southeast of highway (6)(50). There are no perennial streams in the area or visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site.

The Confusion Range in western Millard County is within the Basin and Range Province, and within the sub-province known as the Great Basin. Geologically, a fairly complete sequence of sedimentary rock is present, ranging from pre-Cambrian to Mesozoic in age. Because of the pronounced thickness of marine rocks and the fact that beds of upper Paleozoic in numerous places are highly petroliferous, many geologists reason that potentially the Great Basin has definite oil and gas possibilities. In fact, a number of structures have been recognized in western Juab and Millard counties: the Burbank anticline; the Wah Wah valley anticline; and a series of anticlines known as the Confusion Range structures.

B. Biologic Environment:

Due to the low precipitation average, climatic conditions, and the marginal types of soils, the vegetation found in the area is common of the semi-arid regions in the lower elevations of the Great Basin. It consists of, as primary flora, areas of Junipers, Pinion Pine, Sage brush, Rabbit brush and some grasses.

The fauna of the area is sparse and consists predominately of coyotes, rabbits, varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, magpies, crows and jays.

The area is used by man on a very limited basis for livestock grazing and the gathering of wood for fuel.

III. Mitigative Measures to the Proposed Action:

The entire area of the well site and new road will be reseeded with approximately 60% of native grasses. This mixture should prevail for a 3 to 4 year period before encroachment of undesirable brushy material appears. No contaminated water will be allowed in natural drainage area, and the "reserve" or overflow pit will be constructed in such a manner as to provide either easy fill-in or for future usage as a surface water impoundment area.

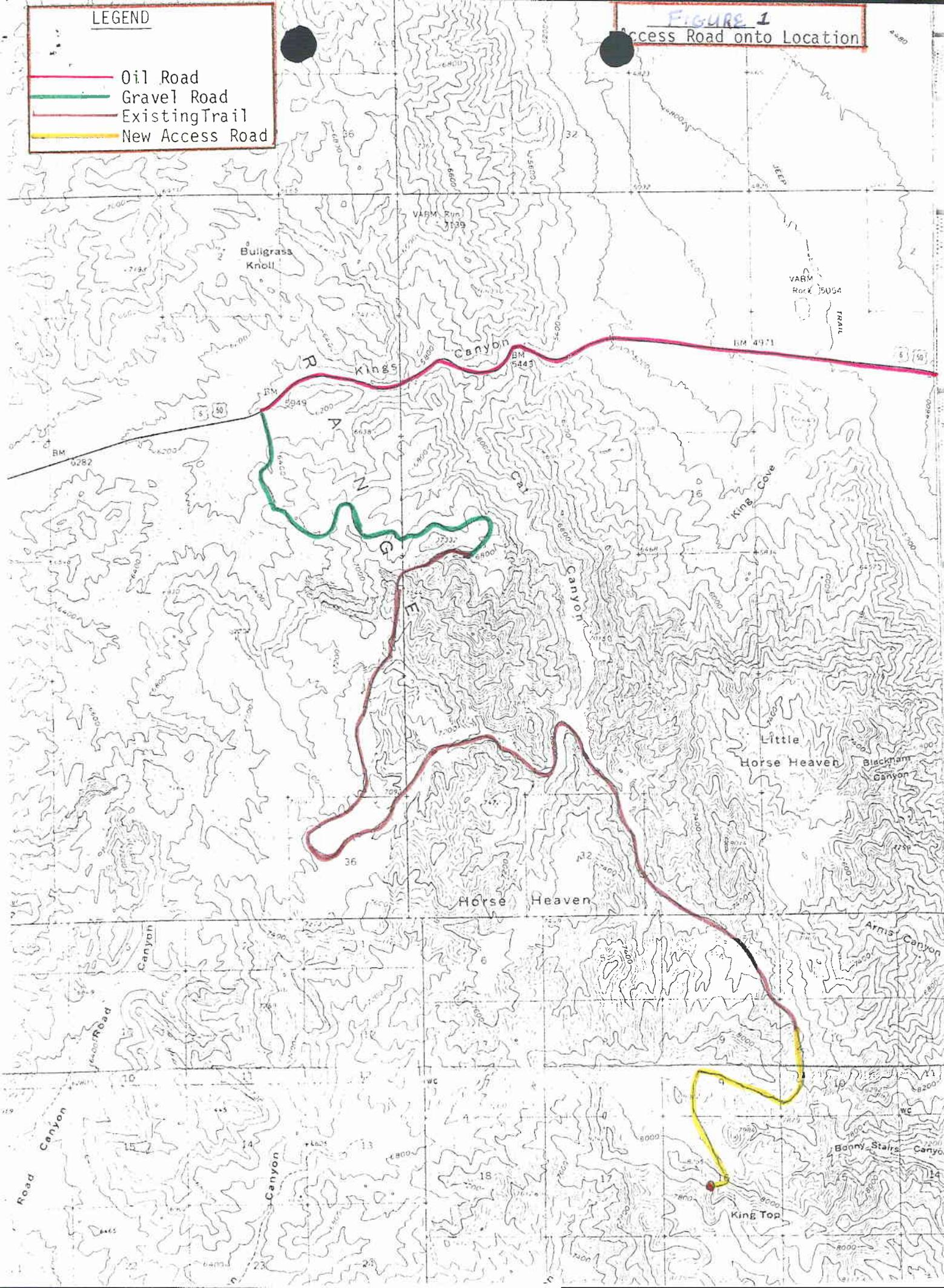
IV. Alternatives to the Proposed Action:

One alternative is to deny and preclude any drilling activity in the area. This will allow this entire area to be kept as a "mediocre" rangeland area. This will also result in several legal questions because of the prior issuance of the State Lease, and can result in absolutely no beneficial usage for the citizens of the State. On the other hand, if a well is drilled and results in a dry-hole, the mitigative measures incidental to surface reclamation will undoubtedly enhance the real surface value of the acreage. Thirdly, if a well is successful, it will push the step-out area of Great Basin discoveries approximately 100 miles northeast of recent discoveries. Needless to say, a successful completion will result in a sharp influx of consumer money to Delta and Garrison. Along with this, the opportunities for meaningful employment can, and will result.

LEGEND

- Oil Road
- Gravel Road
- Existing Trail
- New Access Road

FIGURE 1
Access Road onto Location



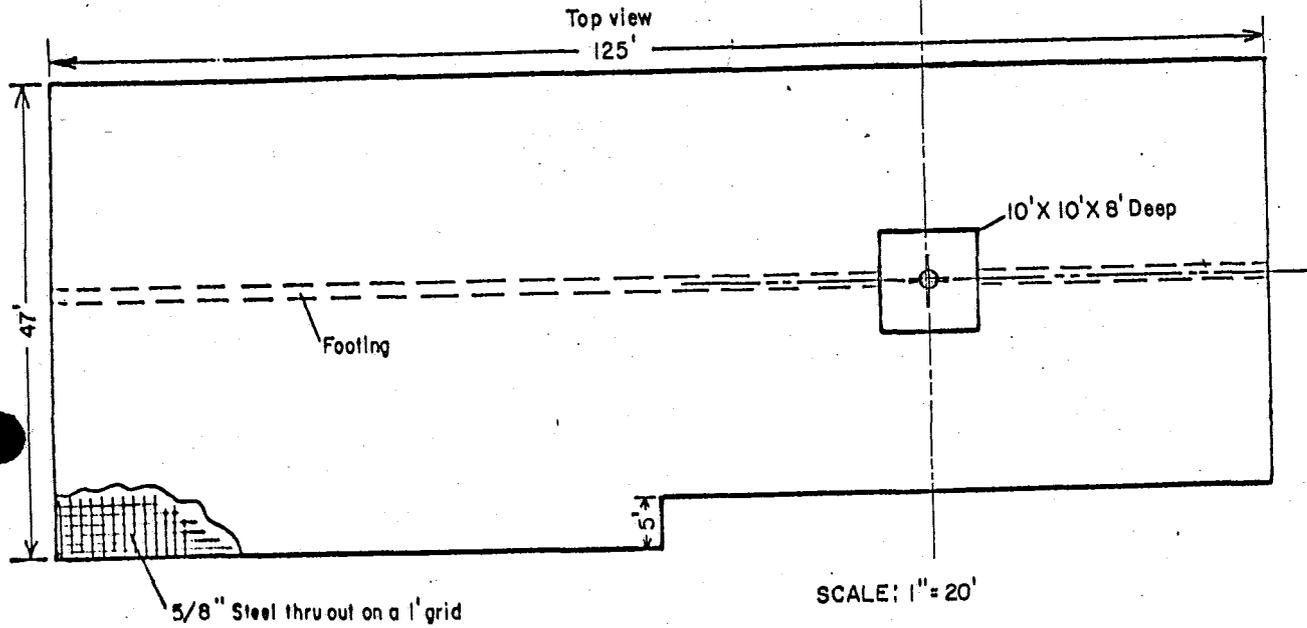
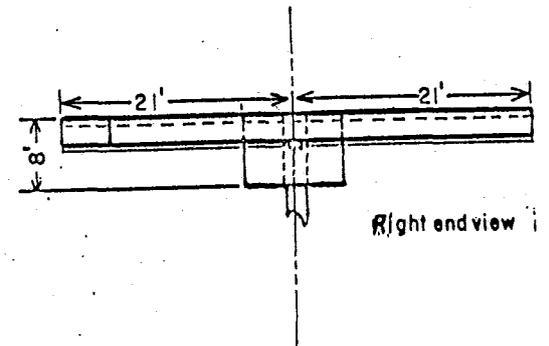
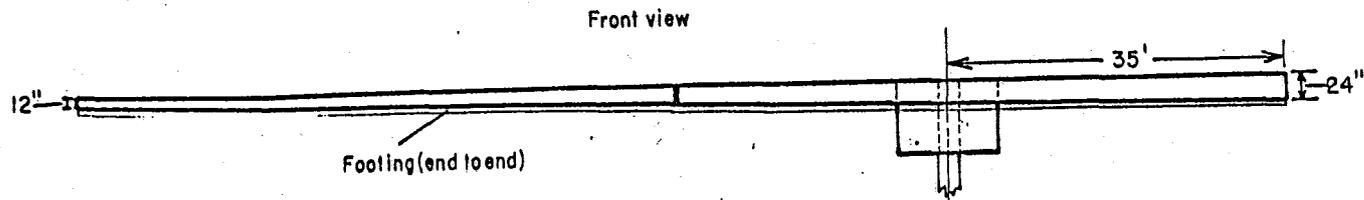


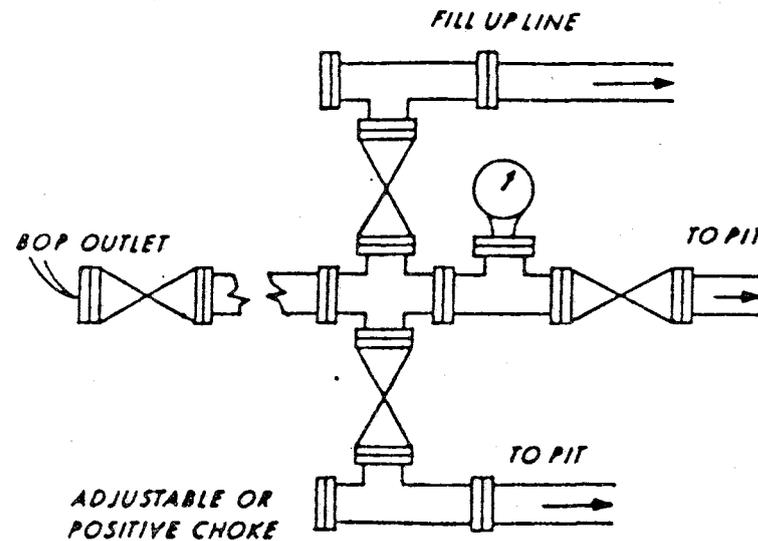
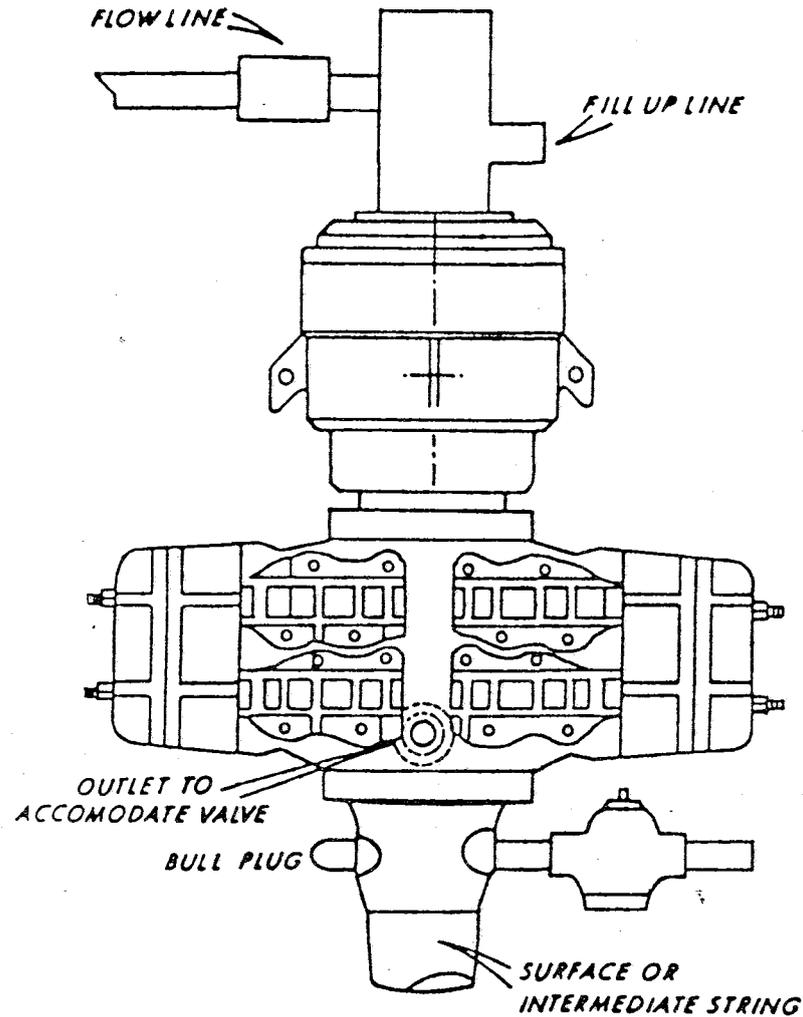
Fig. 2

RIG PAD DIAGRAM



EXETER DRILLING NORTHERN, INC.
 2300 LINCOLN CENTER BUILDING
 DENVER COLORADO 80203
 (303) 861-0181

BLOW OUT PREVENTER EQUIPMENT



1. BOP VALVES AND ALL WORKING FITTINGS SHOULD BE IN GOOD WORKING CONDITION.
2. ALL BOLTS TO BE INSTALLED AND TIGHT.
3. ALL VALVES TO BE 3000# W.P. OR BETTER.
4. AFTER NIPPLING UP TEST RAMS AND PRESSURE UP TO 1000# FOR 15 MINUTES AND CHECK FOR POSSIBLE LEAKS.
5. ALL CREW MEMBERS TO BE FAMILIAR WITH BOP AND ACCUMULATORS.
6. KEEP HOLE FULL ON TRIPS.
7. USE ONLY FLANGE TYPE FITTINGS
8. RECHECK BOLTS FOR TIGHTNESS BEFORE 5000 FT. OR ENTERING PRODUCTION ZONES.
9. WHEN DRILLING USE,
 TOP PREVENTER - DRILL PIPE RAMS
 BOTTOM PREVENTER BLIND RAMS
10. WHEN RUNNING CASING USE,
 TOP PREVENTER - CASING RAMS
 BOTTOM PREVENTER BLIND RAMS

EXHIBIT "C"
 Blowout Preventer Diagram

LEGEND

- Oil Road
- Gravel Road
- Existing Trail
- New Access Road

EXHIBIT "E"
Access Road onto Location

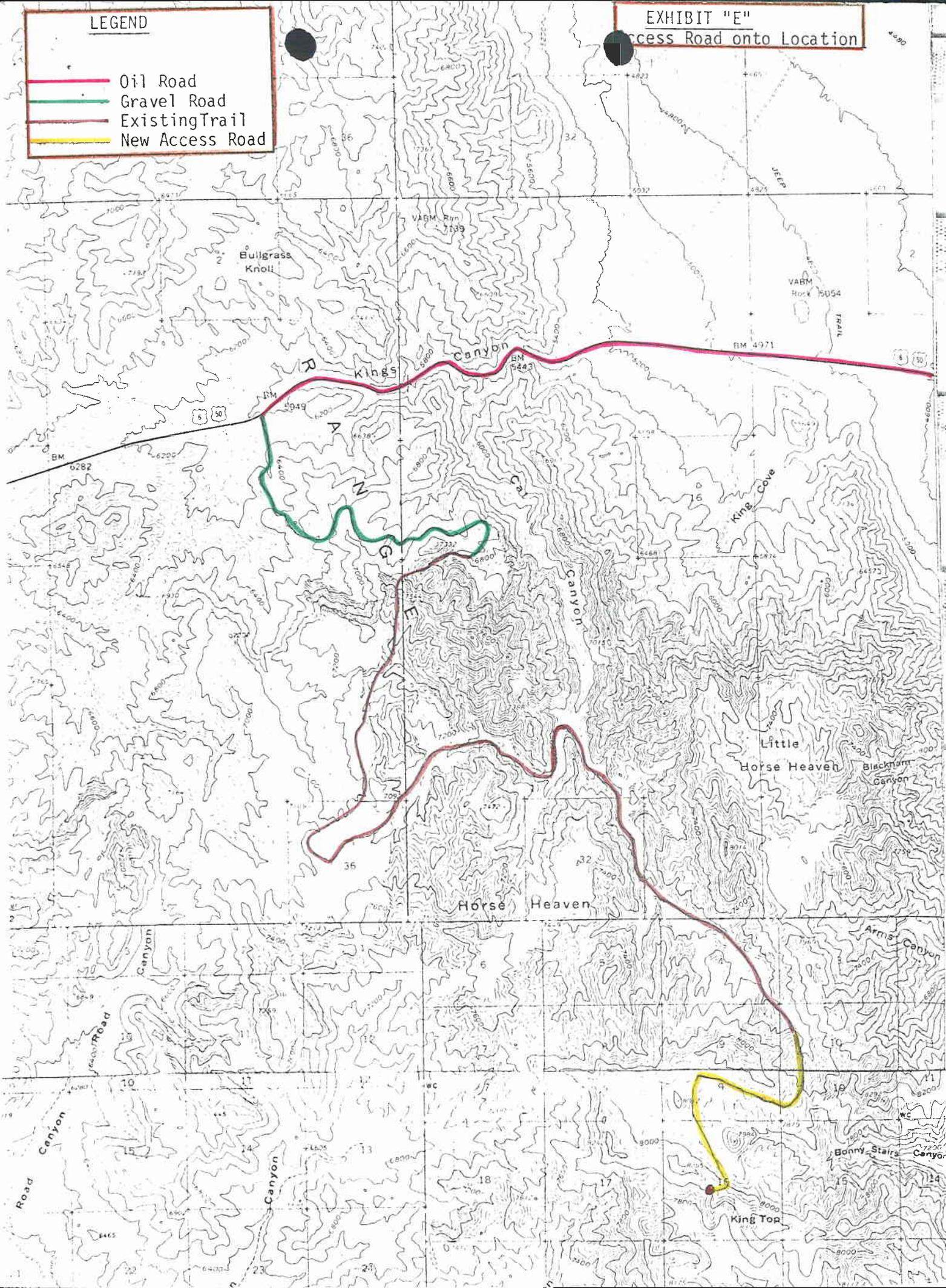


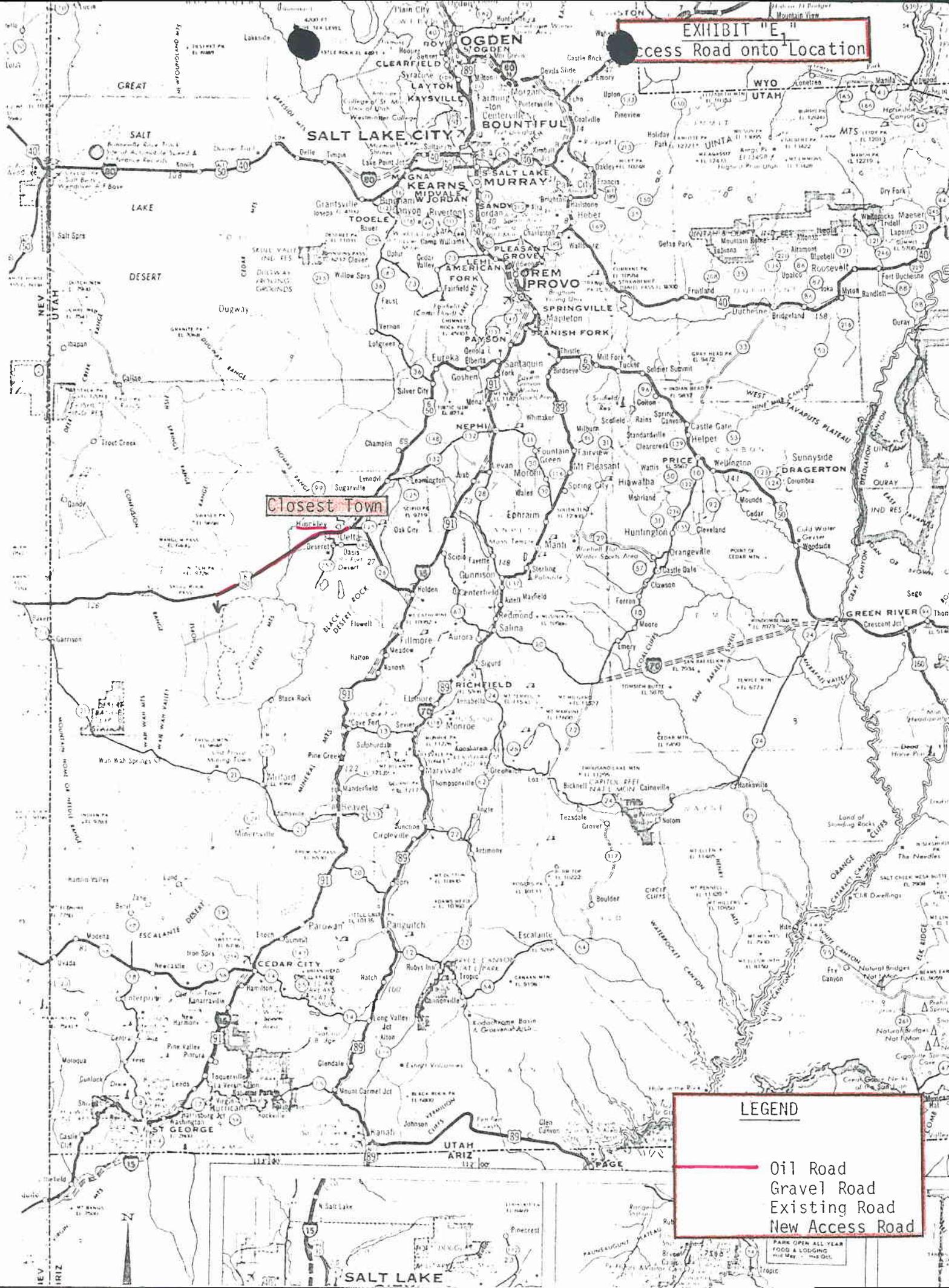
EXHIBIT "E"
Access Road onto Location

Closest Town

LEGEND

- Oil Road
- Gravel Road
- Existing Road
- New Access Road

PARK OPEN ALL YEAR
FOOD & LODGING
MAY - SEP - OCT



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: September 4, 1979
QUASAR

Operator: E. H. Stone Investment Company

Well No: State #1

Location: Sec. 16 T. 21S R. 15W County: Millard

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-027-30016

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: _____

Remarks:

Director: F. Environmental Assessment - no objections except

Remarks: archeologist wants to visit well site

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

Surface Casing Change
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site

O.K. Rule C-3

O.K. In _____ Unit

Other:

hl
#1
plus
statement

PI *plotted*

Letter Written/Approved
Wm



POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

September 20, 1979

Division of Oil, Gas and Mining
Mr. Cleon B. Feight, Director
1588 West North Temple
Salt Lake City, Utah 82071

RE: Utah State Spacing Rule 3C
E. H. Stone Investment Company
#1 State
2050' FSL & 2450' FWL
SW $\frac{1}{4}$ Sec. 16 T21S R15W
Millard County, Utah

Dear Mr. Feight:

The above mentioned location was staked at said co-ordinates because of topographic difficulties. The location is staked on top of a ridge in the only suitable site available. Your acceptance to this exception would be greatly appreciated.

Thank you.

Sincerely,

POWERS ELEVATION

George Lapaseotes
Agent Consultant for E. H. Stone Investment Company

GL/seb

cc: E. H. Stone Investment Company - Denver





STATE OF UTAH
 Scott M. Matheson, Governor
 DEPARTMENT OF
 DEVELOPMENT SERVICES
 Division of State History

October 18, 1979

Chairperson
 Environmental Coordinating Committee
 State Planning Office
 118 State Capitol
 Salt Lake City, Utah 84114

Melvin T. Smith, Director
 Crane Building, Suite 1000
 307 West 2nd South
 Salt Lake City, Utah 84101
 Telephone (801) 533-5755

RE: Drill well on T. 21 S., R. 15 W., to determine liquid or gaseous hydrocarbon, Millard County

Dear Chairperson:

The staff has reviewed the proposed project and feel that this area contains a high potential for cultural resources. Therefore, we request a survey. Please be advised, however, that should cultural objects be discovered during the construction stage, this office must be notified immediately as required in the Utah State Antiquities Act of 1973.

Should you need assistance or clarification, please call or write James L. Dykman, Preservation Archeologist, or Wilson G. Martin, Preservation Development Coordinator, Utah State Historical Society, 307 West 200 South, Salt Lake City, Utah 84101, 533-6017.

*10/1/79
 Called Jim Dykman
 OK to effort Conditional
 when more detail is out
 they may win*

Sincerely,

Melvin T. Smith
 Director and
 State Historic Preservation Officer

WGM:br:C659:MD

(11) survey requested - State Lands

cc: SHPO/WGM

cc: Division of Oil, Gas and Mining, ATTN: Mary Ann
 1588 West North Temple, Salt Lake City, Utah 84116



November 1, 1979

E.H. Stone Investment Company
621 17th Street, Suite 1025
Denver, Colorado 80202

Re: Well No. State #1
Sec. 16, T. 21S, R. 15W.,
Millard County, Utah

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, a drilling and plugging bond must be filed with the Utah State Division of Lands prior to the spudding of this well.

Your approval is also conditional upon the fact that when the road is completed into your well location, that you notify Mr. James L. Dykman, Preservation Archeologist, Utah State Historical Society, 307 West 200 South, Salt Lake City, Utah 84101; telephone (801)533-6017, so that he may make a survey of the area.

Should you determine that it will be necessary to plug and abandon this well, you have hereby requested to immediately notify the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-8, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

E.H. Stone Investment Company
November 1, 1979
Page 2

The API number assigned to this well is 43-027-30016.

Please advise this office is the BLM, Richfield District Office,
refuses to authorize your proposed access road to the well location.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

/btm

cc: Donald Prince



POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1225
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

January 25, 1980

Unit app. & NTL-6 work on access road Capt. 1, 1980
Kathy
Bob Seidel (Am. Quasar) not sure they'll get fed access to drill road access

Division of Oil, Gas & Mining
Mr. Cleon B. Feight, Director
1588 West, North Temple
Salt Lake City, Utah 82071

RECEIVED

JAN 28 1980

DIVISION OF
OIL, GAS & MINING

RE: Filing State Application (8/30/79)
E.H. Stone Investment Company
#1 State
2050'FSL & 2450'FWL
SW 1/4 Sec. 16 T21S R15W
Millard County, Utah

Dear Mr. Feight:

Per our conversation of this date, this letter is to formally advise you that on December 20, 1979 E.H. Stone Investment Company entered into a Partnership Farmount Agreement and Operating Agreement with American Quasar Petroleum Company of New Mexico on the above-referenced location, making Quasar the Operator for said location.

If I can be of any assistance, please advise.

Very truly yours,

POWERS ELEVATION

Chris Worsham

Chris Worsham

/cw

cc: E. Hunter Stone, II - E.H. Stone Investment Company - Denver, Colorado
F.W. McWilliams - American Quasar Petroleum Company - Denver, Colorado

September 18, 1980

American Quasar Petroleum Company
of New Mexico
707 United Bank Tower
1700 Broadway
Denver, Colorado 80290

RE: Well No. State #1
Sec. 16, T. 21S, R. 15W.,
Millard County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

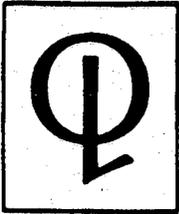
Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Barbara Hill

BARBARA HILL
CLERK-TYPIST

bjh/



AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

October 2, 1980

State of Utah
Department of Natural Resources
Division of Oil and Gas
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Subject: State #1 well, Sec. 16, T21S-R15W
Millard County, Utah

Gentlemen:

The captioned well will be spudded in the near future. The location is currently being prepared, and we are committed for drilling rig.

If further information is required, please advise.

Very truly yours,

W. R. Seidel
Division Operations Manager

KWL:sb

Well never drilled

RECEIVED

OCT 6 1980

DIVISION OF
OIL, GAS & MINING

April 1, 1981

American Quasar Petroleum Co.
707 United Bank Tower
1700 Broadway
Denver,,Colorado 80290

Re: Well No. State #1
Sec, 16, T. 25S. R. 15W.
Millard County, Utah

Gentlemen:

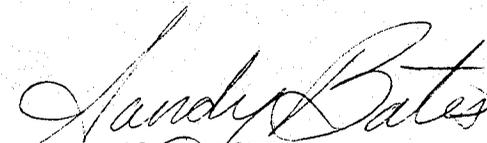
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This office has not recieved any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application.) If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


SANDY BATES
CLERK-TYPIST