

UTAH DIVISION OF OIL, GAS AND MINING

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

* Location Abandoned - well never drilled - 1-11-82 eff. 1-8-82

DATE FILED 1-24-79

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-38424 INDIAN

DRILLING APPROVED: 1-23-79

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 1-08-82 *fold*

FIELD: ~~Bonanza~~ ^{3/86} Natural Buttes

UNIT:

COUNTY: Uintah

WELL NO. Jack Rabbit Federal 2-11

API NO: 43-047-30562

LOCATION 1359' FT. FROM (N) ~~EX~~ LINE. 1250' FT. FROM ~~EX~~ (W) LINE. SW NW 1/4 - 1/4 SEC. 11

5

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
10S	23E	11	ENSERCH EXPLORATION INC,				

FILE NOTATIONS

Entered in NID File ..✓.....
Location Map Planned
Card Indexed✓.....

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... L..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CRLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Enserch Exploration Incorporated

3. ADDRESS OF OPERATOR
Empire Central Building 7701 No. Spemmons Freeway Dallas TX

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
1359' FNL 1250' FWL Section 11, T10S, R23E, S.L.B. & M.
 At proposed prod. zone
SW NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles fro Bonanza, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
3438'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
9000'

19. PROPOSED DEPTH
9000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3438'

22. APPROX. DATE WORK WILL START*
March 1, 1979

5. LEASE DESIGNATION AND SERIAL NO.
U-38424
 6. IF INDIAN, ALLOTTED OR TRIBE NAME
Jack Rabbit Federal
 7. UNIT AGREEMENT NAME
#2-11
 8. FARM OR LEASE NAME
Bonanza
 9. WELL NO.
Sec 11, T10S, R23E, S.L.B. & M.
 10. FIELD AND POOL, OR WILDCAT
Utah
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Utah
 12. COUNTY OR PARISH
Utah
 13. STATE

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	48.0	2000 $\frac{+}{-}$	Suff. to circulate
7 7/8	4 1/2	11.6	9000 $\frac{+}{-}$	Suff. to circulate

Operator proposed to drill well to total dpeth of 9000' with water and salt base mud drilling fluid to test all zones through the Mesa Verde formation. A 12" x 3000# weld on head and 12" x 3000# doublegate and spherical BOP will be installed and tested to 1000 psi. BOP will be checked daily. If the well is productive, casing will be restored as per BLM instructions, and regulation dryhole marker erected.

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

24. SIGNED [Signature] TITLE Drilling Supervisor DATE January 8, 1979

(This space for Federal or State office use)

PERMIT NO. 43-047-30562 APPROVAL DATE _____

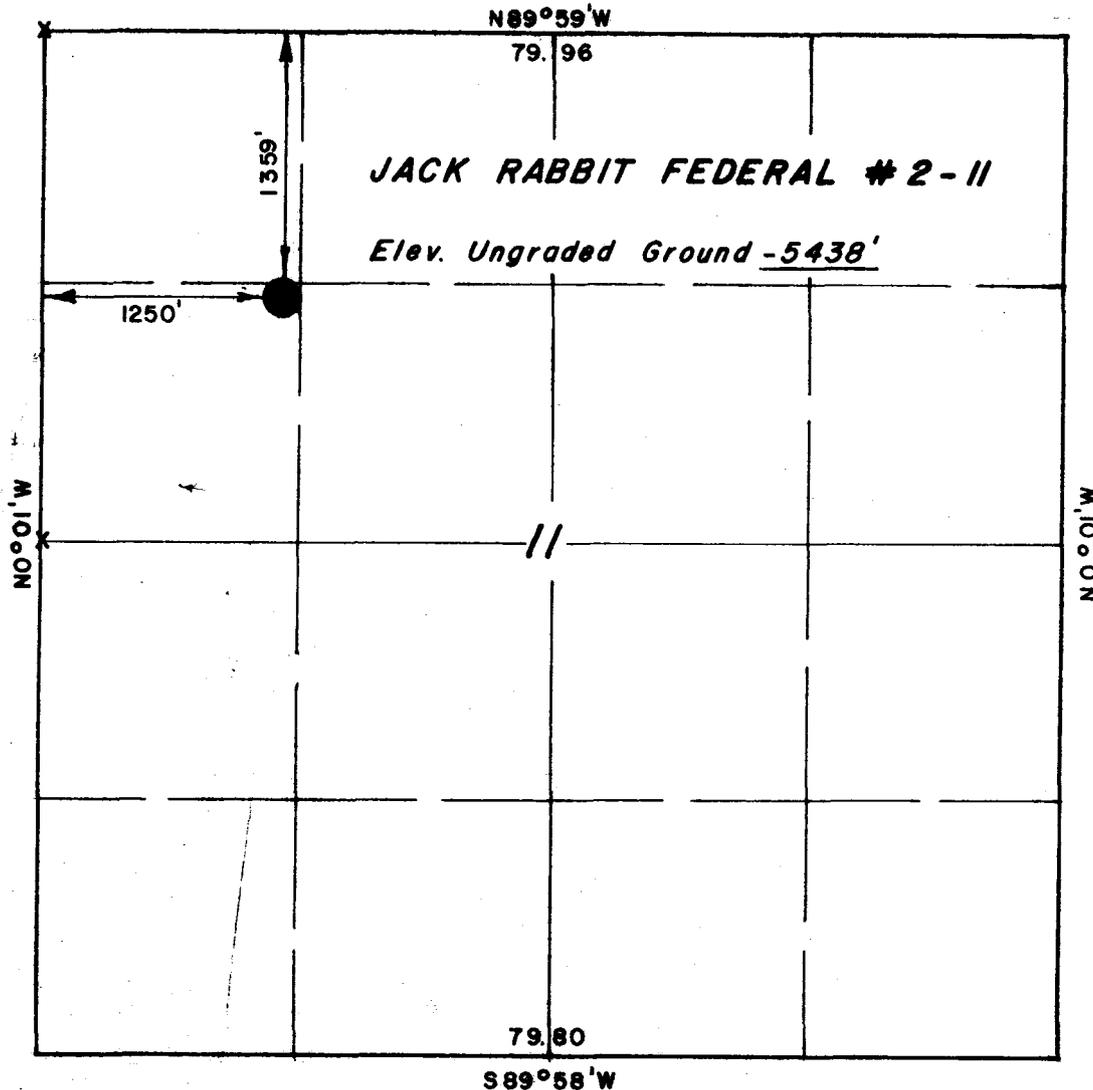
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PROJECT
ENSERCH EXPLORATION INC.

Well location, *JACK RABBIT FED. #2-II*, located as shown in the SW 1/4 NW 1/4 Section II, T10S, R23E, S.L.B. & M. Uintah County, Utah.

T 10 S, R 23 E, S.L.B. & M.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P.O. BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12/12/78
PARTY D.A. J.B. B.W. S.M.	REFERENCES GLO Plat
WEATHER Cold	FILE ENSERCH EXPLORATION

GEOLOGICAL CASING AND BOPE DATA

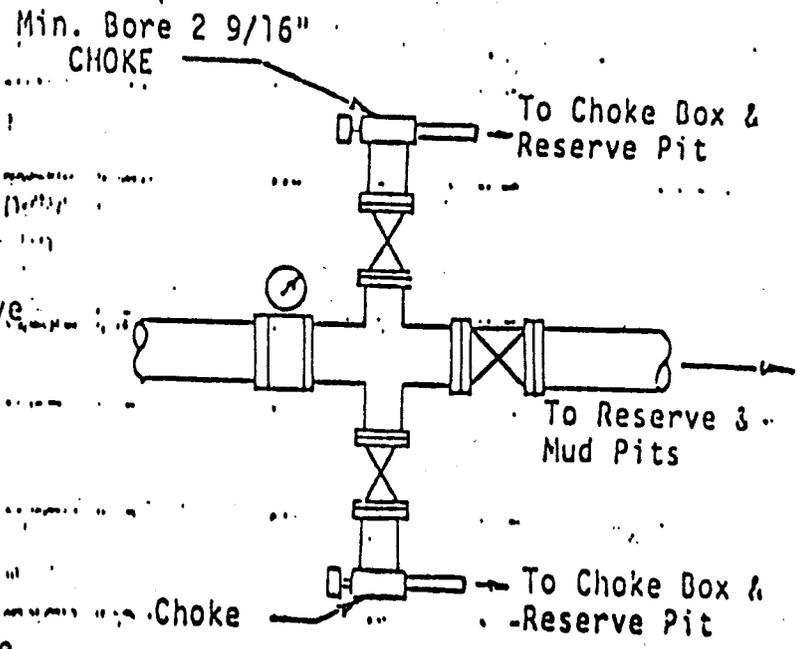
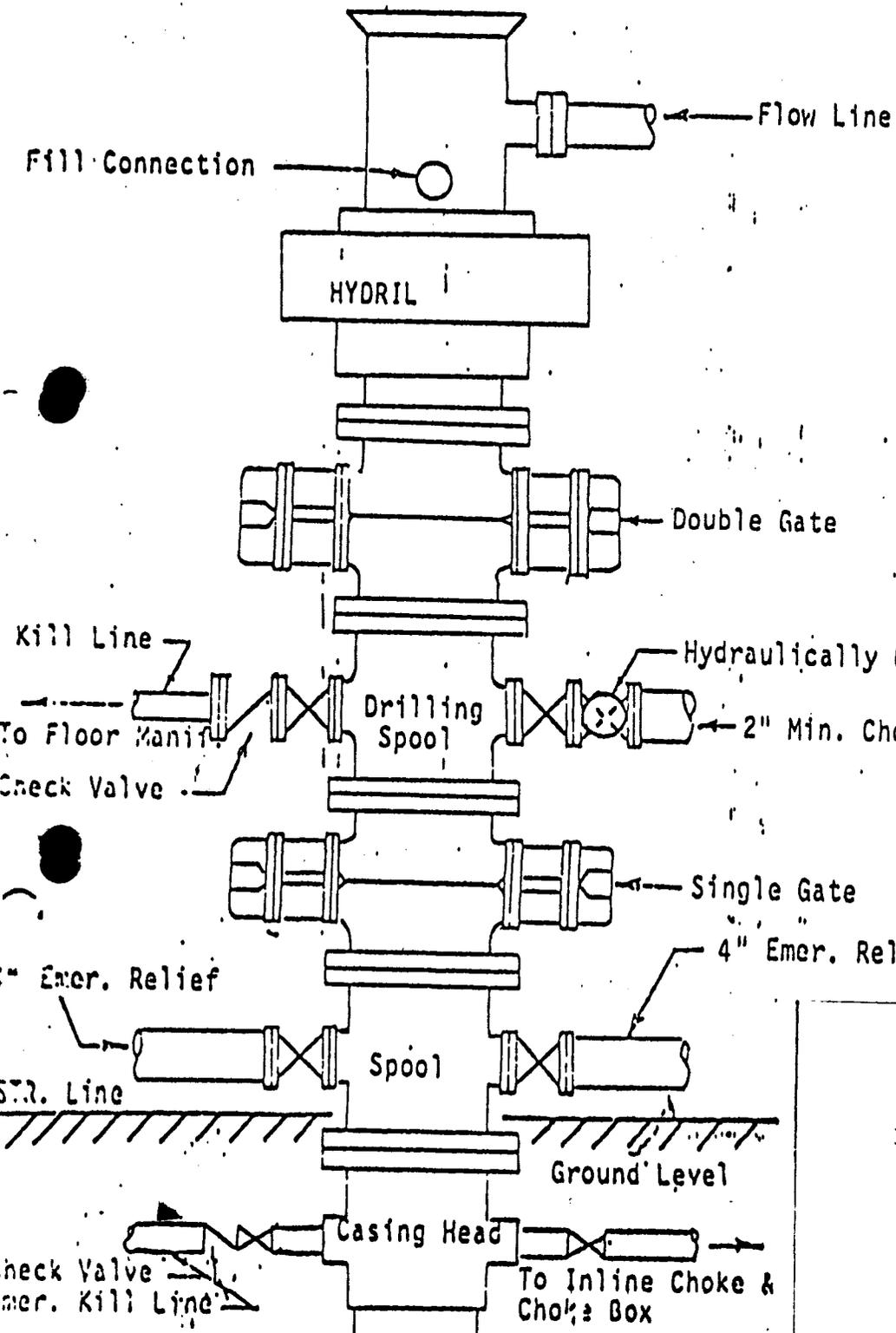
1. Surface Formation - Uintah
2. Estimated tops of important geological markers:

Green River	800
Wasatch	4010
Mesa Verde	5620
3. Expected mineral-bearing formation:

Mesa Verde	5620
------------	------
4. Proposed casing program:

Surface casing - New 13 3/8" 48.0# H-40 ST&C 200'
Intermediate (If needed) New 8 5/8" 24.0# K-55 LT&C 2,000'
Production casing - New 4 1/2 11.6# N-80 LT&C 7,000'
5. Blowout preventors:
 - A. 12" x 3000# Shafer blowout preventor and Hydril with choke and kill lines.
 - B. Pressure test to 1000 psi before drilling out below the surface casing.
Test operation of the BOPE on each trip.
6. Circulating medium:
 - A. Surface to 200' - fresh water, native mud with gel.
 - B. 200' to 4010' - fresh water.
 - C. 4010' to TD - salt based mud.
7. Auxiliary equipment:
 - A. Kelly Cock
 - B. Float at bit
 - C. Full-opening quick-close drill pipe valve on derrick floor at all times.
8. Testing, logging and coring procedures:
 - A. Cores - none planned
 - B. Tests - possible DST Wasatch and Mesa Verde
 - C. Logging - Dual induction laterolog, formation density and compensated neutron.
9. Anticipated hazards:

No abnormal pressures or temperatures, hydrogen sulfide or other drilling hazards are anticipated.
10. Anticipated starting date - March 1, 1979



ENSERCH EXPLORATION INCORPORATED

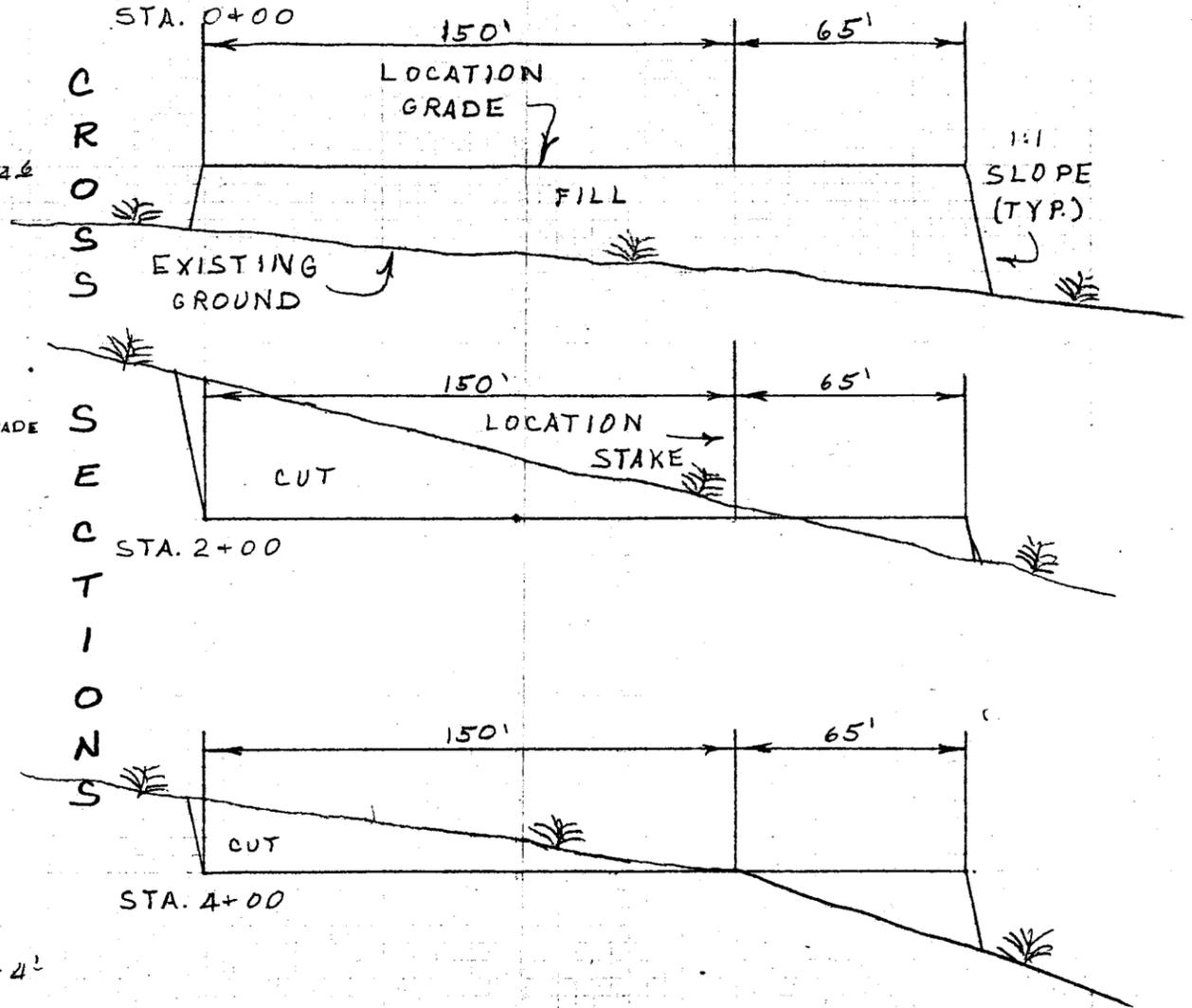
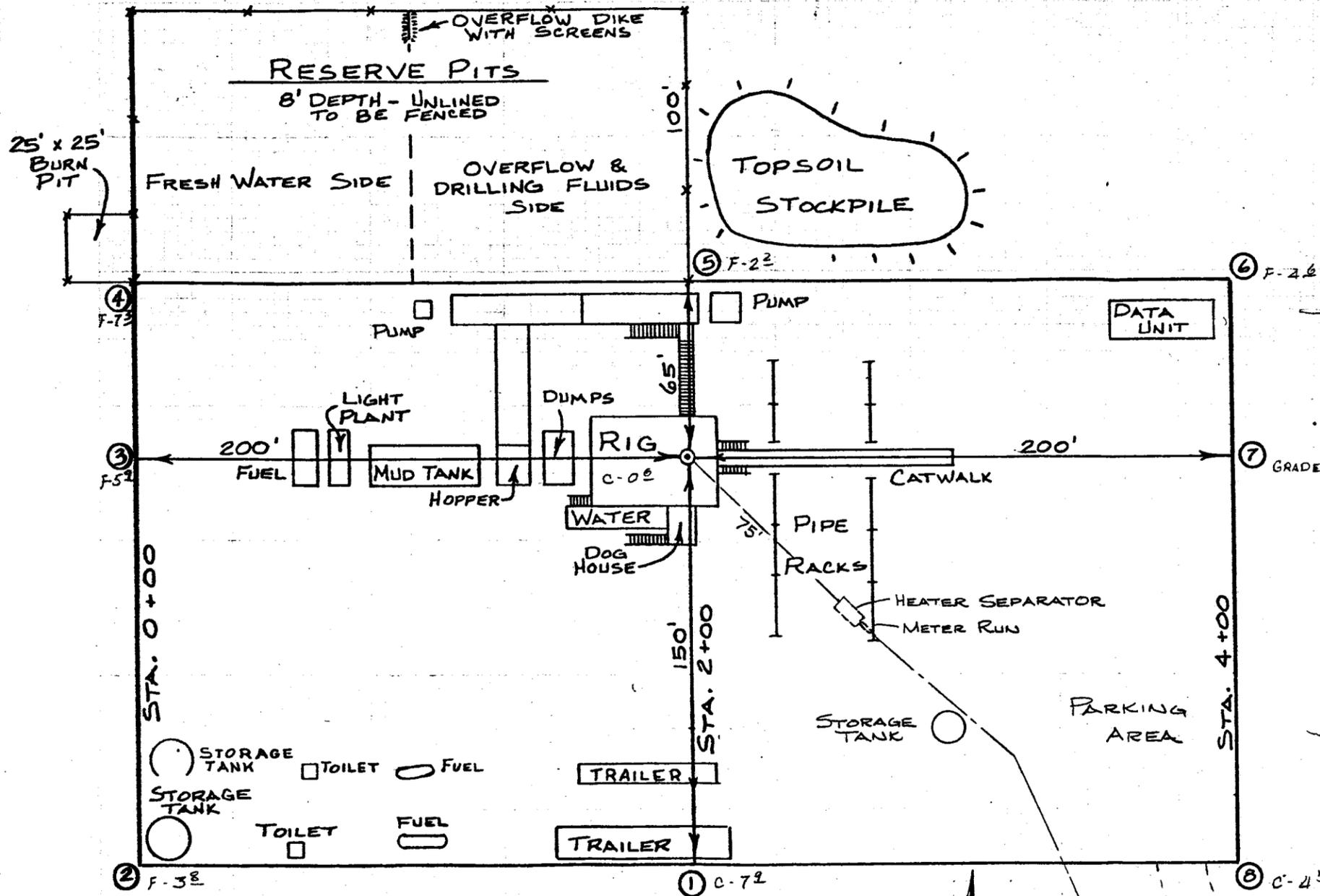
Diagram C

ENSERCH EXPLORATION

LOCATION LAYOUT

FOR JACK RABBIT FED. #2-11

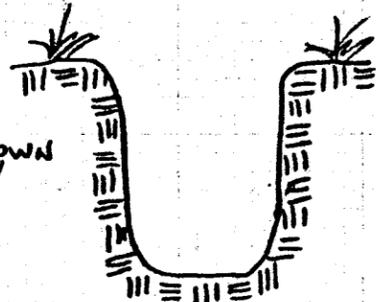
LOCATED IN SEC. 11, T10S, R23E, S.L.B.&M



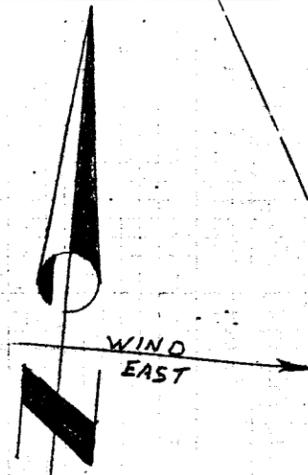
SOILS LITHOLOGY

- NO SCALE -

LIGHT BROWN SANDY CLAY



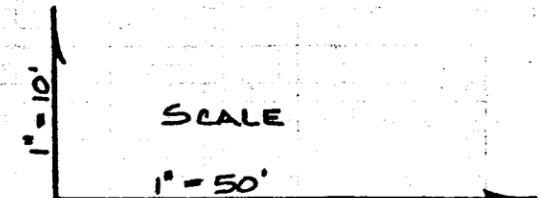
SCALE 1" = 50'



PROPOSED ACCESS ROAD

APPROX. YARDAGES

CUT - 6,190 CU. YDS.
FILL - 5,434 CU. YDS.



PROPOSED LOCATION
JACK RABBIT FED. 2-11

TOPO.

MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather



UTAH
QUADRANGLE LOCATION

PROPOSED LOCATION
JACK RABBIT FED. 2-11

PROPOSED ACCESS ROAD

9.6 MILES TO BONANZA CANYON

SOUTHMAN

WHITE

GAS RIVER

Rock House

31

ENSERCH EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

Jack Rabbit Federal #2-11

Located In

Section 11, T10S, R23E, S.L.B. & M.

Uintah County, Utah

ENSERCH EXPLORATION INCORPORATED
Jack Rabbit Federal #2-11
Section 11, T10S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Enserch Exploration Incorporated well location Jack Rabbit Federal #2-11 located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 11, T10S, R23E, S.L.B. & M., from Vernal, Utah.

Proceed East out of Vernal, Utah along U.S. Highway 40, 24 miles to the junction of this Highway and Utah State Highway 45 to the South; proceed Southerly along Utah State Highway 45, 22 miles to Bonanza, Utah; proceed in a Westerly direction from Bonanza, Utah on an improved dirt road 4.3 miles to the point that an existing road exist to the Southwest; proceed Southwesterly along this road 1.3 miles to the junction of this road and a road to the Southwest; proceed Southwesterly along this road 4 miles to its junction with a road to the South; proceed in a Southerly direction along this road 0.5 miles to the beginning of the proposed access road (to be discussed in Item #2).

There is no new construction anticipated along any of the above described roads. They will meet the standards required for an orderly flow of traffic during the drilling, completion, and production of this well location.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of the location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 11, T10S, R23E, S.L.B. & M., and proceeds in a Westerly direction 0.1 miles to the proposed location site.

In order to facilitate the anticiapted traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be $1\frac{1}{2}$ to 1 slopes and terraced.

There will be no culverts required along this access road.

The road will be centerline flagged prior to the commencement of construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

ENSERCH EXPLORATION INCORPORATED
Jack Rabbit Federal #2-11
Section 11, T10S, R23E, S.L.B. & M.

2. PLANNED ACCESS ROAD - continued

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that is traversed by this road is over rolling hill type terrain and is vegetated by sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are two gas wells within a one mile radius of this location, they are located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 11, and in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 11, T10S, R23E, S.L.B. & M.

There is a drill hole in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 14, T10S, R23E, S.L.B. & M.

There are no water well, temporarily abandoned well, disposal wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this well.

4. LOCATION OF EXISTING AND PROPOSED PRODUCTION FACILITIES

See Topographic Map "B" and the location layout sheet.

There are no Enserch Exploration tank batteries production facilities, oil gathering lines, gas gathering lines, injection lines within a one mile radius.

In the event that production is established the production facilities will be contained within the location site. No additional surface will be required. See location layout for production scheme.

The location of proposed facilities off of the location site is not known at this time. Flow lines are being run to the other wells in the area by Natural Gas Pipeline Company of America. In the event that production is established at this well plans will be submitted for the proposed lines by the company mentioned above.

The rehabilitation of the area used for production facilities will meet the requirements of Items #7 and #10.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck from the White River at an existing loading ramp located in the NE $\frac{1}{4}$ Section 17, T9S, R22E, S.L.B. & M., approximately 18 miles by road to the Northwest of the proposed location site. This water will be hauled over existing roads and the proposed access road. (See Topographic Map "A").

5. LOCATION OF AND TYPE OF WATER SUPPLY - continued

There will be no water well drilled on this location site.

6. SOURCE OF CONSTRUCTION METERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See location layout sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a freshwater storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pit will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen.

9. WELL SITE LAYOUT

See location layout sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be buried with a minimum of 5' of cover.

As mentioned in Items #7, the reserve pits will be completely fenced and wired and overhead flagging installed if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin formed by the Blue Mountain Plateau and Green River to the North and the White River and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in a sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevation and the cobblestone and younger

ENSERCH EXPLORATION INCORPORATED
Jack Rabbit Federal #2-11
Section 11, T10S, R23E, S.L.B. & M.

11. OTHER INFORMATION - continued

alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in the area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the South of this location is the only perennial stream that is affected this location site.

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations. It consists of areas of sagebrush, rabbit brush, some grasses, and cacti as the primary flora.

The fauna of the area consists predominantly of the mule deer, coyotes, prong-horn antelope, rabbits, and various small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing domestic sheep and cattle.

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

The Topography of the Immediate Area (See Topographic Map "B").

Jack Rabbit Federal #2-11 is located on a relatively flat area approximately 1.7 miles Northwest of the White River.

The majority of the drainages in the area are of a non-perennial nature and drain to the South into the White River.

The terrain in the vicinity of the location site slopes to the South through the location at approximately a 3% grade.

Surface ownership of the lands involved by this location are B.L.M. Administered.

The vegetation in the immediate area surrounding the location site is predominately sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

ENSERCH EXPLORATION INCORPORATED
Jack Rabbit Federal #2-11
Section 11. T10S, R23E, S.L.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Leo Bleeker
Drilling Supervisor
7701 North Spemmons Freeway Suite 800
Dallas, Texas 75247

Phone: 1-214-630-8711

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by the Enserch Exploration Incorporated, and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 8, 1979

Date


Leo Bleeker
Drilling Supervisor

P0624

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Jan. 18-

Operator: Cusack Exploration

Well No: Jack Rabbit Ind. 2-11

Location: Sec. 11 T. 10S R. 23E County: Uintah

File Prepared:
Card Indexed:

Entered on N.I.D.:
Completion Sheet:

API NUMBER: 43-047-30562

CHECKED BY:

Administrative Assistant [Signature]

Remarks: OK - file Order

Petroleum Engineer [Signature]

Remarks:

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK Ind.

Survey Plat Required:

Order No. 179-1

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:

[Signature]
Letter Written/Approved

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

January 23, 1979

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

Enserch Exploration Inc.
7701 No. Spemmons Freeway
Empire Central Building
Dallas, Texas

Re: Well No's:
Pete's Flat Federal 1-1,
Sec. 1, T. 10 S, R. 23 E,
NSO Federal 1-12,
Sec. 12, T. 10 S, R. 23 E,
Shepherd Federal 1-10,
Sec. 10, T. 10 S, R. 23 E,
Sage Hen Federal 2-6,
Sec. 6, T. 10 S, R. 23 E,
Sagebrush Federal 2-8,
Sec. 8, T. 10 S, R. 23 E,
No Name Canyon Federal 2-9,
Sec. 9, T. 10 S, R. 23 E,
~~Jack Rabbit~~ Federal 2-11,
Sec. 11, T. 10 S, R. 23 E,
Canyon View Federal 2-18,
Sec. 18, T. 10 S, R. 23 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 179-1.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Enserch Exploration Inc.
January 23, 1979
Page Two

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.

The API numbers assigned to these wells are:

#1-1: 43-047-30558	#2-8: 43-047-30564
#1-12: 43-047-30560	#2-9: 43-047-30561
#1-10: 43-047-30559	#2-11: 43-047-30562
#2-6: 43-047-30565	#2-18: 43-047-30563

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

SW

cc: U.S. Geological Survey



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

December 4, 1979

Enserch Exploration Inc.
Empire Central Bldg. 7701 NO. Spemmons Freeway
Dallas, Texas 75247

RE: SEE ATTACHMENT SHEET FOR WELLS.

Gentlemen:

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

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), 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 well 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

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

ATTACHMENT SHEET FOR WELLS INVOLVED.

- 1) Well No. Canyon View Fed. #2-18
- 2) Well No. Cliff Edge Fed. #2-15
- 3) Well No. Jack Rabbit Fed. #2-11
- 4) Well No. No Name Cyn. Fed. #2-9
- 5) Well No. Sagebrush Fed. # 2-8
- 6) Well No. Flat Mesa Fed. # 2-7
- 7) Well No. Sage Hen Fed. # 2-6

March 7, 1980

RECEIVED

MAR 10 1980

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

DIVISION OF
OIL, GAS & MINING

Gentlemen:

This is in response to a letter received from your office dated December 4, 1979, requesting our intention to drill in regard to the wells in the Bonanza area. (See attachment.)

Jack Rht. Fed. 2-11

The engineer handling this area is no longer with our company and the above mentioned letter was just now found in his desk.

We plan to start drilling these wells in the Bonanza area this spring. I apologize for any inconvenience that has resulted in our not notifying you sooner.

Respectfully,

Bruce Lowrance

Bruce Lowrance
Enserch Exploration, Inc.
Drilling Engineer

BL/km

Attachment

ATTACHMENT SHEET FOR WELLS INVOLVED.

- 1) Well No. Canyon View Fed. #2-18
- 2) Well No. Cliff Edge Fed. #2-15
- 3) Well No. Jack Rabbit Fed. #2-11
- 4) Well No. No Name Cyn. Fed. #2-9
- 5) Well No. Sagebrush Fed. # 2-8
- 6) Well No. Flat Mesa Fed. # 2-7
- 7) Well No. Sage Hen Fed. # 2-6

RECEIVED

MAR 10 1980

DIVISION OF
OIL, GAS & MINING



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OCTOBER 30, 1980

Ensearch Exploration, Inc.
7701 N. Stemmons Freeway, Suite #800
Dallas, Texas 74247

RE: SEE ATTACHED SHEET FOR THE
WELL NAMES.

Gentlemen:

In reference to above mentioned well(s), 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 (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling thos 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

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

SHEET ATTCHMENT

- (1) Well No. Black Gold #1
Sec. 24, T. 9S, R. 16E,
Duchesne county, Utah

- (2) Well No. Castle Park #1
Sec. 10, T. 9S, R. 16E,
Duchesne County, Utah

- (3) Well No. Eightmile Flat #1
Sec. 23, T. 9S, R. 18E,
Uintah County, Utah

- * (4) Well No. Sage hen Fed. #2-6 SECOND NOTICE
Sec. 6, T. 10S, R. 23E,
Uintah County, Utah

- * (5) Well No. Flat Mesa Fed. #2-7 SECOND NOTICE
Sec. 7, T. 10S, R. 23E,
Uintah County, Utah

- * (6) Well No. Sagebrush Fed. #2-8 SECOND NOTICE
Sec. 8, T. 10S, R. 23E,
Uintah County, Utah

- * (7) Well No. No Name Canyon #2-9 SECOND NOTICE
Sec. 9, T. 10S, R. 23E,
Uintah County, Utah

- * (8) Well No. Jack Rabbit Fed. #2-11 SECOND NOTICE
Sec. 11, T. 10, R. 23,
Uintah County, Utah

- * (9) Well No. Cliff Edge Fed. #2-15 SECOND NOTICE
Sec. 15, T. 10S, R. 23E,
Uintah County, Utah

- * (10) Well No. Bitter Creek Fed. #1-3 SECOND NOTICE
Sec. 17, T. 11S, R. 22E,
Uintah County, Utah

- * (11) Well No. Canyon View Fed. #2-18 SECOND NOTICE
Sec. 18, T. 10, R. 23E,
Uintah County, Utah

* This is the SECOND notice sent and if we do not hear from your company within fifteen (15) days, we will assume that you do not intend to drill this well(these wells) and action will be taken to terminate the application.

ENSERCH EXPLORATION, INC.
1230 River Bend Drive Suite 136
Dallas, Texas 75247

November 24, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining

Re: Wells in Uintah County, Utah

Gentlemen:

Due to the scarcity of rigs in 1980, these wells will be drilled as early as possible in 1981.

- (1) Well No. Black Gold # 1 - Sec. 24, T. 9S, R. 16E
- (2) Well No. Castle Peak # 1 - Sec. 10, T. 9S, R. 18E
- (3) Eightmile Flat # 1 - Sec. 23, T. 9S, R. 18E
- (4) Well No. Sage Hen Fed. # 2-6 - Sec. 6, T. 10S, R. 23E
- (5) Well No. Flat Mesa Fed, # 2-7 - Sec. 7, T. 10S, R. 23E
- (6) Well No. Sagebrush Fed. # 2-8 - Sec. 8, T. 10S, R. 23E
- (7) Well No. No Name Canyon # 2-9 - Sec. 9, T. 10S, R. 23E
- (8) Well No. Jack Rabbit Fed. # 2-11 - Sec. 11, T. 10S, R. 23E
- (9) Well No. Cliff Edge Fed. # 2-15 - Sec. 15, T. 10S, R. 23E
- (10) Well No. Canyon View Fed. # 2-18 - Sec. 18, T. 10S, R. 23E

So please keep these files active .

Very truly yours,

Bruce Lowrance

Bruce Lowrance
Drilling Engineer

BL/hrs

RECEIVED

NOV 23 1980

DIVISION OF
OIL, GAS & MINING



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

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EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

April 30, 1981

Enserch Exploration Inc.
1230 River Bend Drive, Suite 136
Dallas, Texas 75247

SEE ATTACHED SHEET ON WELLS DUE

Gentlemen:

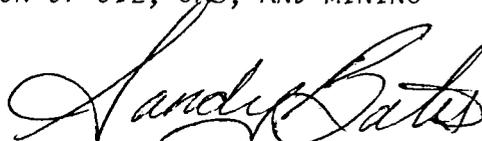
In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling these locations 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

1. Well No. Black Gold # 1
Sec. 24, T. 9S. R. 16E.
Duchesne County, Utah
2. Well No. Castle Peak # 1
Sec. 10, T. 9S. R. 18E.
Duchesne County, Utah
3. Eightmile Flat # 1
Sec. 23, T. 9S. R. 18E.
Uintah County, Utah
4. Well No. P.T.S. Federal 1-6
Sec. 6, T. 10S. R. 24E.
Uintah County, Utah
5. Well No. Sage Hen Federal 2-6
Sec. 6, T. 10S. R. 23E.
Uintah County, Utah
6. Well No. No Name Canyon Fed. 2-9
Sec. 9, T. 10S R. 23E.
Uintah County, Utah
7. Well No. Jack Rabbit Federal 2-11
Sec. 11, T. 10S R. 23E.
Uintah County, Utah
8. Well No. Crooked Canyon Fed. 2-17
Sec. 17, T. 10S. R. 23E.
Uintah County, Utah
9. Well No. Canyon View Fed. 2-18
Sec. 18, T. 10S. R. 23E.
Uintah County, Utah

May 6, 1981

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining

Re: Wells in Uintah and
Duchesne Counties, Utah

Gentlemen:

Enserch Exploration, Inc. plans to begin a development drilling program for the following wells in the near future. Pending the availability of a suitable drilling rig, we plan to begin this program in June or July of 1981. We would appreciate it if you would keep these files active.

1. Well No. Black Gold #1 - Sec 24, T9S, R16E, Duchesne County.
2. Well No. Castle Peak #1 - Sec 10, T9S, R18E, Duchesne County.
3. Eightmile Flat #1 - Sec 23, T9S, R18E, Uintah County.
4. Well No. P. T. S. Federal 1-6 - Sec 6, T10S, R24E, Uintah County.
5. Well No. Sage Hen Federal 2-6 - Sec 6, T10S, R23E, Uintah County.
6. Well No. NoName Canyon Federal 2-9 - Sec 9, T10S, R23E, Uintah County.
7. Well No. Jack Rabbit Federal 2-11 - Sec 11, T10S, R23E, Uintah County.
8. Well No. Crooked Canyon Federal 2-17 - Sec 17, T10S, R23E, Uintah County.

RECEIVED
MAY 8 1981

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 5, 1982

Enserch Exploration, Inc.
1230 River Bend Drive, Suite 136
Dallas, Texas 75247

Re: See attached

Gentlemen:

In reference to the above mentioned wells, 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 these wells, 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 these wells, and action will be taken to terminate the application. If you plan to drill 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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

Well No. Eightmile #1
Sec. 24, T. 9S, R. 18E
Uintah County, Utah

Well No. Sage Hen Federal 2-6
Sec. 6, T. 10S, R. 23E
Uintah County, Utah

Well No. Flat Mesa Federal 2-7
Sec. 7, T. 10S, R. 23E
Uintah County, Utah

Well No. Sagebrush Federal 2-8
Sec. 8, T. 10S, R. 23E
Uintah County, Utah

Well No. No Name Cyn. Fed 2-9
Sec. 9, T. 10S, R. 23E
Uintah County, Utah

Well No. Jack Rabbit Fed. 2-11
Sec. 11, T. 10S, R. 23E
Uintah County, Utah

Well No. Crooked Cyn. Fed. 2-17
Sec. 17, T. 10S, R. 23E
Uintah County, Utah

Well No. Canyon Veiw Fed. 2-18
Sec. 18, T. 10S, R. 23E
Uintah County, Utah

Well No. P. T. S. Federal 1-6
Sec. 6, T. 10S, R. 24E
Uintah County, Utah

January 8, 1982

State of Utah
Natural Resources and Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

In reference to your letter dated January 5, 1982 concerning the attached list of approved permits to drill, we anticipate to spud the following on or about the indicated dates:

- (1) Eightmile Flat Well No. 1
Sec. 24-T9S-R18E
Uintah County, Utah
Spud approximately January 20, 1982
- (2) Flat Mesa Federal Well No. 2-7
Sec. 7-T10S-R23E
Uintah County, Utah
Spud approximately February 1, 1982

The remaining wells listed are not anticipated to be drilled in the near future and their applications may therefore be terminated. If there are any questions please advise.



R. S. Brashier
Senior Drilling Engineer
Enserch Exploration, Inc.
1230 River Bend Drive
Suite 136
Dallas, Texas 75247

RSB:hrs

Attach

Well No. Eightmile #1
Sec. 24, T. 9S, R. 18E
Uintah County, Utah

← SPUD 1-20-82

Well No. Sage Hen Federal 2-6
Sec. 6, T. 10S, R. 23E
Uintah County, Utah

Well No. Flat Mesa Federal 2-7
Sec. 7, T. 10S, R. 23E
Uintah County, Utah

← SPUD 2-1-82

Well No. Sagebrush Federal 2-8
Sec. 8, T. 10S, R. 23E
Uintah County, Utah

Well No. No Name Cyn. Fed 2-9
Sec. 9, T. 10S, R. 23E
Uintah County, Utah

Well No. Jack Rabbit Fed. 2-11
Sec. 11, T. 10S, R. 23E
Uintah County, Utah

Well No. Crooked Cyn. Fed. 2-17
Sec. 17, T. 10S, R. 23E
Uintah County, Utah

Well No. Canyon Veiw Fed. 2-18
Sec. 18, T. 10S, R. 23E
Uintah County, Utah

Well No. P. T. S. Federal 1-6
Sec. 6, T. 10S, R. 24E
Uintah County, Utah

RECEIVED
JAN 11 1982

DIVISION OF
OIL, GAS & MINING

RECEIVED

May 24, 1985

MAY 28 1985

DIVISION OF OIL
GAS & MINING

TEMPORARY

Enserch Exploration Inc.
1230 River Bend Dr. Suite 136
Dallas, TX 75247

Dear Applicant:

RE: TEMPORARY APPLICATION
NUMBER 49-1360 (T60871)

Enclosed is a copy of approved Temporary Application Number 49-1360 (T60871). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire May 24, 1986, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Robert Guy. The telephone number is (801)789-3714.

Yours truly,

Robert L. Morgan, P.E.
State Engineer

RLM:slm

Encl.: Copy of approved Temporary Application

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

49-1360

NOTE:--The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is Enserch Exploration, Inc.

3. The Post Office address of the applicant is 1230 River Bend Drive - Suite 136 - Dallas, TX 7524

4. The quantity of water to be appropriated second-feet and/or 36 acre-feet

5. The water is to be used for Oil Field Use from May 1, 85 to May 1, 1986

other use period from to

and stored each year (if stored) from to

6. The drainage area to which the direct source of supply belongs is

7. The direct source of supply is* White River

(Name of stream or other source) MAY 28 1985

which is tributary to Green River, tributary to

*Note.--Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah County, situated at a point* S 1800' & W 1200' FNE Corner - Section 17-T9S-R22E - S.L.B.&M.

*Note.--The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of Pumping from river at an existing ramp and hauling by truck to place of use.

10. If water is to be stored, give capacity of reservoir in acre-feet height of dam area inundated in acres legal subdivision of area inundated

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

Total Acres

12. Is the land owned by the applicant? Yes No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes No X If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity.

15. If application is for mining, the water will be used in Mining District at the mine, where the following ores are mined

16. If application is for stockwatering purposes, number and kind of stock watered

17. If application is for domestic purposes, number of persons, or families

18. If application is for municipal purposes, name of municipality

19. If application is for other uses, include general description of proposed uses Drilling and Completion of gas wells in the Bonanza and Bitter Creek Gas Fields.

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. See Page 2

21. The use of water as set forth in this application will consume 36 second feet and/or acre-feet of water and 0 second feet and/or acre feet will be returned to the natural stream or source at a point described as follows:

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

I. The land involved is owned by the Bureau of Land Management and is administered by the Bookcliffs Resource Area Office in Vernal Utah.

II. The following are the legal locations and well names for the 9 wells to be covered by this permit: NO 400

A. T10S-R23E

031801

Well Name:	Section	
✓ Sagebrush Federal No. 2-8	8	43-047-31636-7A
NoName Canyon Federal No. 2-9	9	43-047-31504-PGW
✓ Crooked Canyon Federal No. 2-17	17	43-047-31649-7A
✓ Canyon View Federal No. 2-18	18	43-047-31650-7A
✓ Shepherders Federal No. 2-10	10	43-047-31639-7A
Jack Rabbit Federal No. 2-11	11	43-047-30562 / WSTC 7A
Petes Flat Federal No. 2-1	1	no well
Panorama USA No. 1-2	2	no well

B. T11S-R22E

Well Name	Section	
✓ Bitter Creek Federal No. 2-3	3	43-047-31640 7A

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

B. G. Vick Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF TEXAS
County of Dallas ss

On the 19 day of April, 1985, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires: April 10, 1989

(SEAL)

Helen R. Smith Notary Public

HELEN R. SMITH, Notary Public
In and for State of Texas

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	\$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0	150.00	foot per second.

Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus \$7.50 for each 500 a.f. above the first
over 7500	150.00	500 acre feet.

(This section is not to be filled in by applicant)

9:30 a.m. **STATE ENGINEER'S ENDORSEMENTS**

1. *4-22-85* Application received by mail over counter in State Engineer's office by *L.N.*
2. Priority of Application brought down to, on account of
3. *5-13-85* Application fee, \$*30.00*, received by *J.J.* Rec. No. *18068*
4. Application microfilmed by
5. Indexed by Platted by
6. *4/22/85* Application examined by *GBW*
7. Application returned, or corrected by office
8. Corrected Application resubmitted by mail over counter to State Engineer's office.
9. Application approved for advertisement by
10. Notice to water users prepared by
11. Publication began; was completed
Notice published in
12. Proof slips checked by
13. Application protested by
14. Publisher paid by M.E.V. No.
15. Hearing held by
16. Field examination by
17. *4/22/85* Application designated for approval *GBW S.E.*
18. *5/24/85* Application copied or photostated by *slm* proofread by
19. *5/24/85* Application approved ~~rejected~~
20. **Conditions:**

This Application is approved, subject to prior rights, as follows:

- a. Actual construction work shall be diligently prosecuted to completion.
- b. Proof of Appropriation shall be submitted to the State Engineer's office byNPR.....
- c. **TEMPORARY APPROVAL -- EXPIRES May 24, 1986.**

Robert L. Morgan
Robert L. Morgan, P.E., State Engineer

21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

Application No. *T60871*