

UTAH DIVISION OF OIL GAS AND MINING

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

DATE FILED 11-22-78

LAND: FEE & PATENTED STATE LEASE NO. ML-22186-A PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 11-22-78

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LOCATION ABANDONED WELL NEVER DRILLED 12-29-80

FIELD: Bonanza 3/86 Natural Buttes

UNIT:

COUNTY: Uintah

WELL NO. Cliff Edge Federal 2-15 API NO: 43-047-30547

LOCATION 1225' FT. FROM (N) ~~XX~~ LINE. 2001' FT. FROM ~~XX~~ (W) LINE. NE NW 3 1/4-1/4 SEC. 15

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>10S</u>	<u>23E</u>	<u>15</u>	<u>ENSERCH EXPLORATION INC.</u>

FILE NOTATIONS

Entered in MID File	Checked by Chief
Location Map Pinned	Approval Letter
Card Indexed	Disapproval Letter

COMPLETION DATA:

Date Well Completed

..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

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

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

CCLog..... CCLog..... Others.....

Spua letter

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR
 Enserch Exploration Incorporated

4. ADDRESS OF OPERATOR
 Empire Central Building 7701 No Stemmons Freeway Dallas TX

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 75247
 2001' EWL - 1225' FNL Section 15, T10S, R23E, S.L.B. & M.
 At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles from Bonanza

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 16. NO. OF ACRES IN LEASE 360

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

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5529'

10. APPROX. DATE WORK WILL START*
 November 1, 1978

11. LEASE DESIGNATION AND SERIAL NO.
 ML-22186-A

12. IF INDIAN, ALLOTTEE OR TRIBE NAME

13. UNIT AGREEMENT NAME

14. FARM OR LEASE NAME
 Cliff Edge Federal

15. WELL NO.
 #2-15

16. FIELD AND POOL, OR WILDCAT
 Bonanza

17. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 15, T10S, R23E
 S.L.B. & M.

18. COUNTY OF PARISH 19. STATE
 Uintah Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4	13 3/8	48.0	2000 ±	Suff. to circulate
7 7/8	4 1/2	11.6		

Operator proposes to drill well to total depth 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 not 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.

SIGNED St. Earle TITLE Drilling Supervisor DATE October 16, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

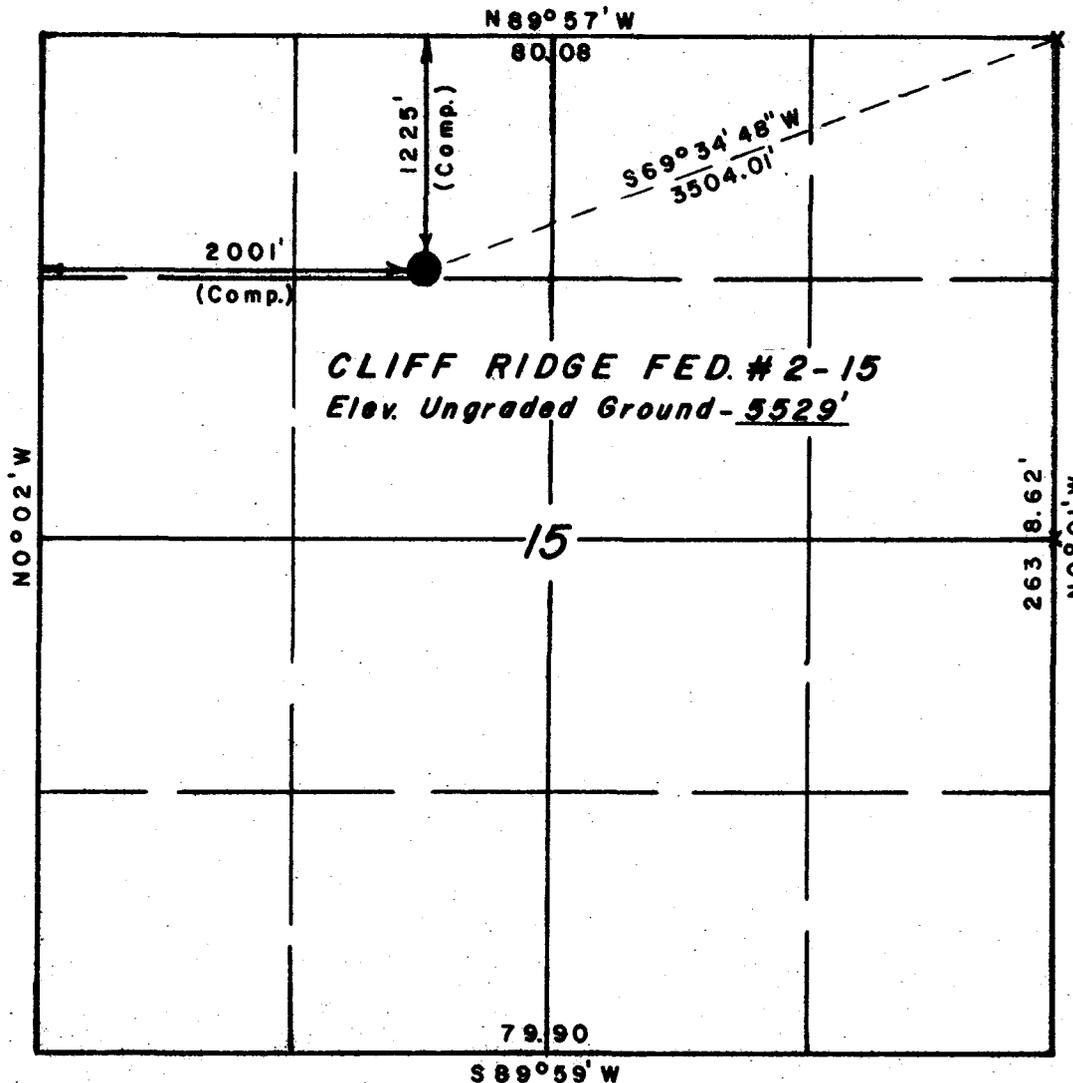
*See Instructions On Reverse Side

PROJECT

ENSERCH EXPLORATION INC.

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

Well location, **CLIFF RIDGE FED.# 2-15**, located as shown in the NE 1/4 NW 1/4 Section 15, T 10 S, R 23 E, S. L. B. & M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

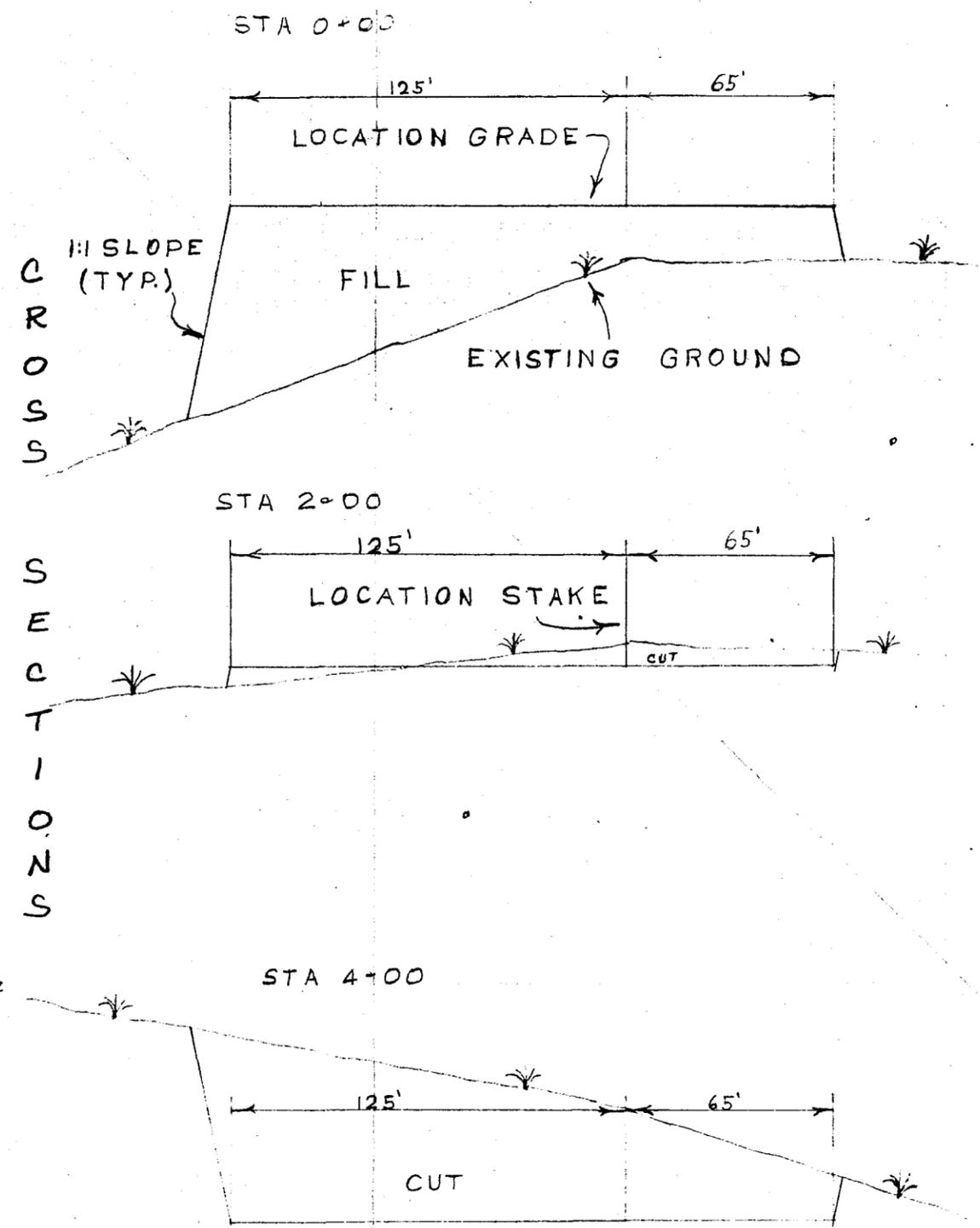
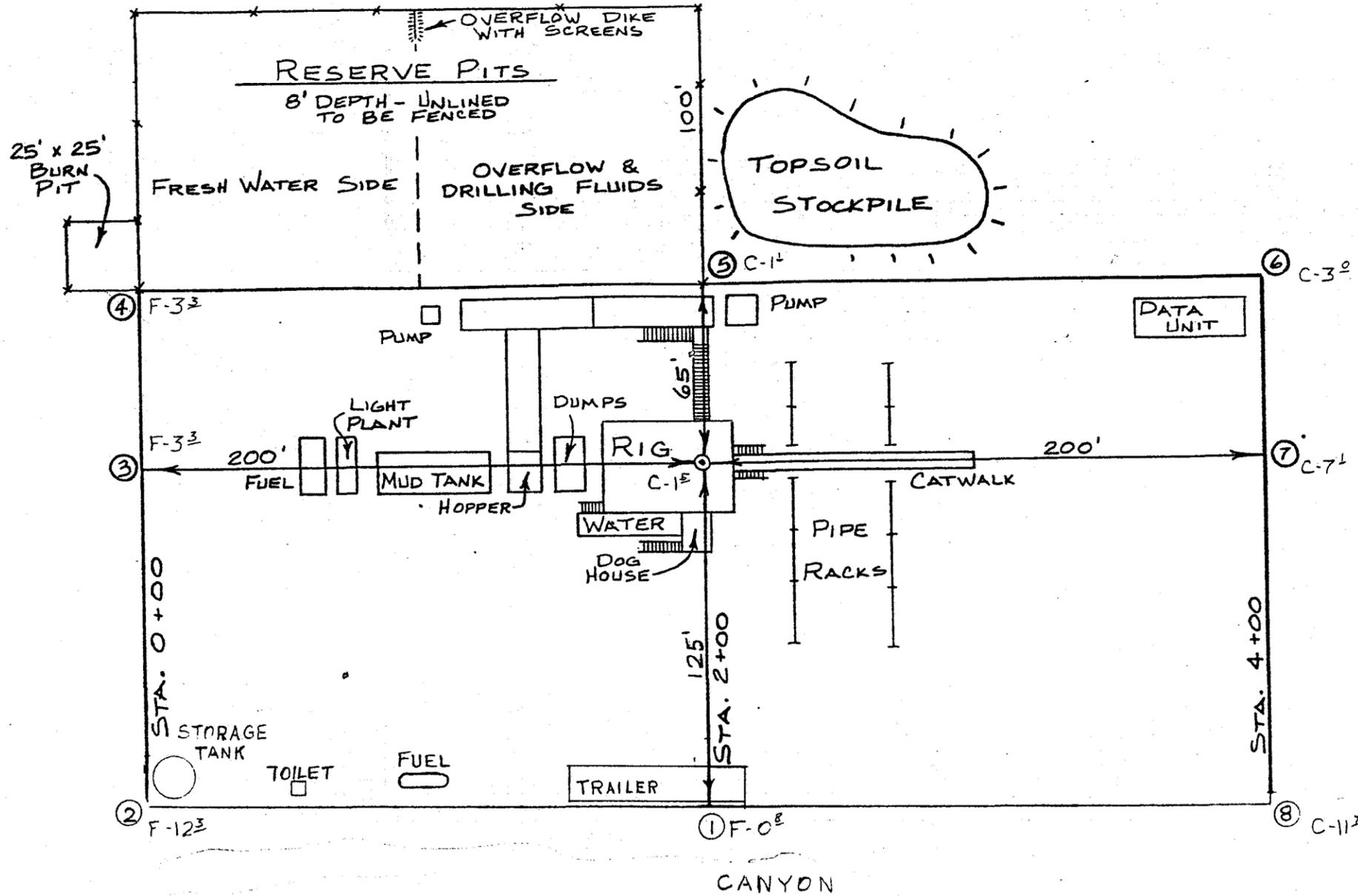
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

James 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 10/12/78
PARTY M.S. K.H. S.M.	REFERENCES GLO Plat
WEATHER Clear & Hot	FILE ENSERCH

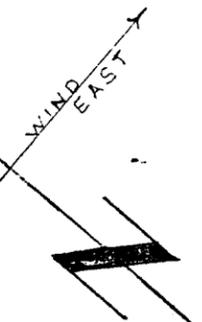
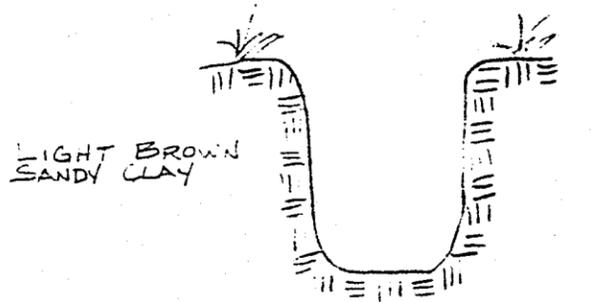
ENDERBACH EXPANSION
 LOCATION LAYOUT
 FOR
 CLIFF RIDGE FED # 2-15
 LOCATED IN
 SEC. 15, T10S, R23E S.L.B.#M.



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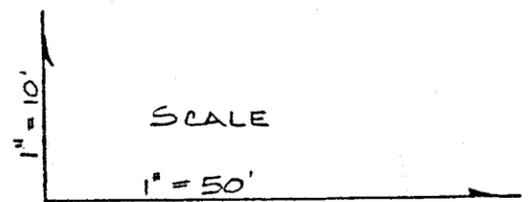
SOILS LITHOLOGY
 - NO SCALE -



SCALE 1" = 50'

APPROX. YARDAGES

CUT	6,953	CU. YDS.
FILL	4,887	CU. YDS.



SEARCH EXPLORATION INC.
PROPOSED LOCATION
CLIFF RIDGE FED #2-15

TOPO. MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION
Solid line: All-weather road, all-weather surface
Dashed line: Unimproved road, fair or dry weather



UTAH
QUADRANGLE LOCATION

PROPOSED LOCATION
CLIFF RIDGE FED #2-15

PROPOSED ACCESS ROAD 300' EXISTING JEEP TRAIL

10 MILES TO BONANZA, UTAH
5.6 MILES TO VERNAL, UTAH

1.5 MILE

0.7 MI

SOUTHMAN CANYON GAS RIVER GAS FIELD

WHITE

Appalt
Hush



STATE
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR
 Enserch Exploration Incorporated

4. ADDRESS OF OPERATOR
 Empire Central Building 7701 No Stemmons Freeway Dallas TX

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 75247
 2001' FWL - 1225' FNL Section 15, T10S, R23E, S.L.B. & M.
 At proposed prod. zone

6. LEASE DESIGNATION AND SERIAL NO.
 U-38428

7. IF INDIAN, ALLOTTEE OR TRIBE NAME
 ML-22186-A U-38428

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME
 Cliff Edge Federal

10. WELL NO.
 #2-15

11. FIELD AND POOL, OR WILDCAT
 Bonanza

12. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 15, T10S, R23E
 S.L.B. & M.

13. COUNTY OR PARISH | 14. STATE
 Uintah | Utah

15. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles from Bonanza

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 360

17. NO. OF ACRES IN LEASE
 360

18. NO. OF ACRES ASSIGNED TO THIS WELL

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

20. PROPOSED DEPTH
 9000'

21. ROTARY OR CABLE TOOLS
 Rotary

22. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5529'

23. APPROX. DATE WORK WILL START*
 November 1, 1978

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4	13 3/8	48.0	2000 +	Suff. to circulate
7 7/8	4 1/2	11.6		

Operator proposes to drill well to total depth 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 not productive, casing will be restored as per BLM instructions, and regulation dryhole marker erected.

State of Utah, Department of Natural Resources
 Division of Oil, Gas, and Mining
 1586 West North Temple
 Salt Lake City, Utah 84116

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 St. E. Earle TITLE Drilling Supervisor DATE October 16, 1978
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. J. Mouton TITLE ACTING DISTRICT ENGINEER DATE MAR 09 1979
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

State 086

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
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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 - November 1, 1978

ENSERCH EXPLORATION INC.

13 Point Surface Use Plan

For

Well Location

Cliff Ridge Federal #2-15

Located In

Section 15, T10S, R23E, S.L.B. & M.

Uintah County, Utah

Cliff Ridge Federal #2-
Section 15, T10S, R23E, S.L.B. & M.

1. EXISTING ROADS

See Attached Topographic Map "A".

To reach Enserch Exploration Incorporated, well location Cliff Ridge Federal #2-15 located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 15, 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 South along Utah State Highway 45, 22 miles to Bonanza, Utah: proceed in a Westerly direction along an improved dirt road 4.4 miles to the point that an existing dirt road exits to the Southwest; proceed Southwesterly on this road 1.3 miles to the junction of this road and a road to the Southwest; proceed along Southwesterly on this road 4.3 miles to the junction of this road and a road to the South; proceed Southerly on this road 1.5 miles to the junction of this road and a road to the Northwest; proceed Northwesterly on this road 0.7 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Northerly direction to the proposed location site.

There is no major construction anticipated along any portion of the above described road.

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 this 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 15, T10S, R23E, S.L.B. & M., and proceeds in a Northerly direction 300' to the proposed location site.

In order to facilitate the anticipated 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 any 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.

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 outlet ends.

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.

2. PLANNED ACCESS ROAD - continued

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

As shown on Topographic Map "B", there are other wells within a one-mile radius of the proposed well site. (See location plat for placement of Enserch Exploration Incorporated well location within the section.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Enserch Exploration Incorporated gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Item #7 and #10.

5. LOCATION 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 20.4 miles by road to the Northwest of the proposed location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during 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.

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

One half of the reserve pit will be used as a fresh water 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 the surrounding area, 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 in the near future.

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 and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

10. PLANS FOR RESTORATION OF SURFACE - continued

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 Item #7, the reserve pits will be completely fenced and wired and overhead wire and 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 alluvial deposits from Quaternary Period.

Outcrops of sandstone ledges, conglomerates deposits, and shale are common in this 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 by this location site.

Due to the low precipitation average, climate conditions, and the marginal type 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, rabbitbrush, some grasses, and cacti as the primary flora.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits,

ENSERCH EXPLORATION INCORPORATED
Cliff Ridge Federal #2-15
Section 15, T10S, R23E, S.L.B. & M.

11. OTHER INFORMATION - continued

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")

Cliff Ridge Federal #2-15 is located on the top of a small ridge on a flat area approximately 1 mile North of the White River. The ledges from the location down into the White River are extremely steep.

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 slopes to the Southwest through the location site at approximately a 5% grade.

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".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Steve Earle
Drilling Supervisor
7701 North Spemmons Freeway
Suite 800
Dallas, Texas 75247

Tele: 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 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 Enserch Exploration Incorporated, and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

October 16, 1978

DATE


Steve Earle
Drilling Supervisor

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
ENSERCH EXPLORATION INC. #2-15	2001' FWL & 1225' FNL (NE 1/4 NW 1/4) SEC. 15 T. 10S, R. 23E, SLM UTAH COUNTY, UTAH GLE 5529'	U-38428
<p>1. Stratigraphy and Potential Oil and Gas Horizons. The surface rocks are Minto. A number of wells have been drilled in this township so control is good. Estimated tops by the operator should be close.</p>		
<p>2. Fresh Water Sands. Fresh water may be found to a depth of about 500 feet. Marketable water may be found in the Minto and Green River Formations to a depth of about 3,500 feet. Deeper aquifers contain saline water or brine.</p>		
<p>3. Other Mineral Bearing Formations. Valuable prospectively for solid and (Coal, Oil Shale, Potash, Etc.) semi-solid bitumens (bituminite). Within oil shale withdrawal 5327. The most important oil shale beds occur in the Parachute Creek member (mahogany zone) of the Green River Formation. The top of the mahogany zone may occur at about 1800± feet. Site is underlain by sequence of oil shale beds at least 105 feet in thickness that will yield 25 gallons of oil per ton of oil shale.</p>		
<p>4. Possible Lost Circulation Zones. El Paso Natural Gas well #3 Unit in section 15 of the same township reported lost circulation in the Green River Formation from 1220'-1540'.</p>		
<p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh water aquifers penetrated.</p>		
<p>6. Possible Abnormal Pressure Zones and Temperature Gradients. No abnormal pressures, temperatures or hydrogen sulfide gas is anticipated by the operator.</p>		
<p>7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.</p>		
<p>8. Additional Logs or Samples Needed. None.</p>		
<p>9. References and Remarks Within KGS. USGS Map I-736 USGS Prod Paper 548</p>		
<p>Date: 11/22/78</p>		<p>Signed: R.E.G.</p>

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-38428

Operator Ensearch Exploration Inc.

Well No. 2-15

Location NE $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 15 T. 10S R. 23E

County Uintah State Utah Field Bonanza

Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date 11-28-78

Participants and Organizations:

George Diwachak USGS

William Douglas USGS

Gene Stewart Representing Dirt Contractor

Leo Bleaker Ensearch Exploration Inc.

Steve Ellis BLM

Related Environmental Analyses and References:

(1) Bonanza Planning Unit (BLM-Vernal, Utah)

(2)

*Pool 190 x 400
Pit 100 x 200
300' new access
Flowline not incl.
Stockpile 4,000
2.36 ac*

→ See Slips P 97

Analysis Prepared by:

William Douglas
Environmental Specialist

George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: December 1, 1978

Proposed Action:

On October 23, 1978, Ensearch Exploration Incorporated filed an Application for Permit to Drill the No. 2-15 development well, a 9,000 foot test of the Mesa Verde Formation; located at an elevation of 5529 feet in the NE $\frac{1}{4}$, NW $\frac{1}{4}$, Section 15, T.10S, R23E on Federal mineral lands and public surface; lease No. U-38428. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. The USGS engineers have determined that an adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with (the) Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 400 feet wide x 190 feet long and a reserve pit 100 feet, x 200 feet. A new access road would be constructed 18 feet, wide x 300 feet long. The operator proposes to construct production facilities on the proposed drill pad.

If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 30 days. Onsite inspection of the ridgetop site indicated the need to revise the shape of the site to keep activities at least 30 feet from the northeast and the southwest edges of the ridgetop.

Location and Natural Setting:

The proposed drillsite is approximately 12 miles southwest of Bonanza, Utah, the nearest town. A fair road runs to within 300 feet of the location. This well is in the Bonanza field.

Topography

The site would be located on relatively flat ridgetop with steep-walled canyons on the southwest and northeast sides of the ridge.

Geology:

The surface geology is Uintah Formation. The soil is sandy-clay. No geologic hazards are known near the drillsite. Seismic risk for the area is minor based on the geologic history of the area. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist (and is possible in the sandstone units of the Mesa Verde). Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 2.36 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, avoidance of the edges of the ridgetop, construction of water bars, and reseedling of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the projected results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 7 to 12 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 7 to 8 inches.

Winds are medium and gusty, occurring predominately from West to East. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage from the site is to the White River via intermittent canyon streams. Minimum distance of water travel to the White River is about 1.5 miles. Runoff from the ridgetop to the canyons would be high due to the steep slopes and erosion resistant nature of the ridgetop.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems

such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. There would be no tangible effect on water migration in fresh water aquifers. The pits should be lined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert-shrub types, including sagebrush, greasewood, and native grasses.

Proposed action would remove about 2.36 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the specific project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Bonanza Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

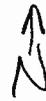
1) Not Approving The Proposed Permit--The Oil and Gas Lease Grants The Lessee Exclusive Right to Drill For, Mine, Extract, Remove and Dispose Of All Oil and Gas Deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and sub-surface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2) Minor revision of the well pad and reserve pit configuration and special, restrictive stipulations or modifications to the proposed program would reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. However, such revisions would reduce a high potential for sedimentation in the canyons and the White River. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.



ENSEARCH
2-15



The configuration of the well pad and reserve pit areas should be elongated or otherwise revised to keep all activity at least 30 feet from the edge of the existing ridgetop, especially on the southwest and northeast sides of the work area. The reserve pits should be lined with an impervious material, preferably not plastic, to prevent contamination of water resources.

Adverse Environmental Effects Which Cannot Be Avoided:

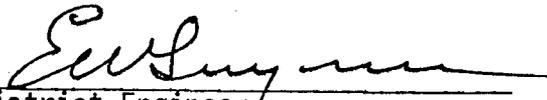
Surface disturbance and removal of vegetation from approximately 2.36 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines and support traffic engines would occur. An increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations would be unavoidable but minor if reserve pits are lined. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the local intermittent drainages and possibly the White River would exist through leaks and spills.

Determination:

This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

12/8/78


 District Engineer
 U.S. Geological Survey
 Conservation Division
 Oil and Gas Operations
 Salt Lake City District

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Nov. 22-
Operator: Cusack Exploration
Well No: Cliff Edge Fed. 2-15
Location: Sec. 15 T. 10S R. 23E County: Uintah

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API Number: 43-047-30547

CHECKED BY:

Administrative Assistant: [Signature]

Remarks:

Petroleum Engineer: _____

Remarks:

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: 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:

letter written/Approved

NELSON J. MARSHALL
PHONE 789-0272

GENE STEWART
PHONE 789-1795

LAWRENCE C. KAY
PHONE 789-1125

OFFICE LOCATION
110 E. FIRST SOUTH

PHONE 789-1017

Uintah Engineering & Land Surveying

P. O. BOX Q
VERNAL, UTAH 84078



November 13, 1978

U.S. Geological Survey
8426 Federal Building
Salt Lake City, Utah 84138

ATTN: Ed Guynn

Gentlemen:

As consultants for Enserch Exploration, Uintah Engineering & Land Surveying, respectfully requests a variance from the required 600' maximum tolerance for locating well locations. The variance is requested for topographic reasons which have prevented feasible placement within the required spacing.

Said variance is requested for the following well locations:

- ~~#1~~-16 - SE 1/4, Section 16, T10S, R23E, S.L.B. & M.
- ~~#2~~-15 - NW 1/4, Section 15, T10S, R23E, S.L.B. & M.
- ~~#2~~-7 - NW 1/4, Section 7, T10S, R23E, S.L.B. & M.
- ~~#2~~-17 - SE 1/4, Section 17, T10S, R23E, S.L.B. & M.

The attached topographic maps show the wells and their proposed placement as pertains to the apparent topography.

Very truly yours,

A handwritten signature in cursive script that reads "Gene Stewart". The signature is written in dark ink and is positioned above the printed name and title.

Gene Stewart
Vice President

GS/lm

Enclosures

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
November 22, 1978

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

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

Enserch Exploration Company
Empire Central Building
7701 N. Stemmons Freeway
Dallas, Texas 75247

Re: Well No's:
Lookout Point Fed. 1-16
Sec. 16, T. 10 S, R. 23 E,
Flat Mesa Fed. 2-7
Sec. 7, T. 10 S, R. 23 E,
Cliff Edge Fed. 2-15
Sec. 15, T. 10 S, R. 23 E,
Crooked Canyon Fed. 2-17
Sec. 17, 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:

CLEON B. FEIGHT - Director
Home: 466-4455
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.

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: 1-16: 43-047-30544;
2-7: 43-047-30545; 2-15: 43-047-30547; 2-17: 43-047-30546

Very truly yours,

CLEON B. FEIGHT
Director



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.)

(Cliff Edge Fed. 2-15)

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

CLEON B. FEIGHT
Director

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

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

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
Sec. 6, T. 10S, R. 23E,
Uintah County, Utah SECOND NOTICE

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

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

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

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

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

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

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

* 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
Drilling Engineer

BL/hrs

RECEIVED

NOV 23 1980

DIVISION OF
OIL, GAS & MINING

Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

December 29, 1980

Enserch Exploration Incorporated
Empire Central Building, Suite 800
7701 No. Stemmons Freeway
Dallas, Texas 75247

RECEIVED

DEC 30 1980

DIVISION OF
OIL, GAS & MINING

Locations abandoned

Re: Returned Application for
Permit to Drill
Well No. 2-15
Section 15, T.10S., R.23E.
Uintah County, Utah
Lease No. U-38428

Well No. 2-8
Section 18, T.10S., R.23E.
Uintah County, Utah
Lease No. U-38421

Gentlemen:

The Application for Permit to Drill the referenced wells were approved March 9, 1979 and March 8, 1979 respectively. Since that date no known activity has transpired at the approved locations. Under current District policy (Conditions of Approval Item No. 10), Application's for Permit to Drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced applications without prejudice. If you intend to drill at these locations on a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must, then, be submitted. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGR.) R. A. HENRICKS

for E.W. Guynn
District Oil and Gas Supervisor

bcc: ADCM, O&G, CR, Denver
BLM-Vernal
Utah State O&G
Utah State BLM
USGS-Vernal
Well File (2)
APD Control

RAH/TM/rd