

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

Bond released

TA.....

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

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.....

CPLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INDIAN SURFACE

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
 CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
 P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1339' FWL & 1318' FNL, Section 21, T9S, R20E
 At proposed prod. zone
 SAME AS ABOVE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 15 miles Southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1318'

16. NO. OF ACRES IN LEASE 920

17. NO. OF ACRES ASSIGNED TO THIS WELL N/A

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approximately 2500'

19. PROPOSED DEPTH 7400'

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4803' UNGRADED GROUND

22. APPROX. DATE WORK WILL START*
 NOVEMBER 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

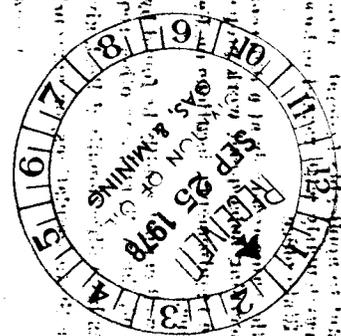
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	7400'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUIFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) PLAT

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.



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 *F. R. Midkiff* TITLE DISTRICT SUPERINTENDENT DATE September 21, 1978

(This space for Federal or State office use) APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

PERMIT NO. _____ APPROVAL DATE DATE: 10-3-78

APPROVED BY _____ TITLE _____ BY: *C.B. Light* DATE _____

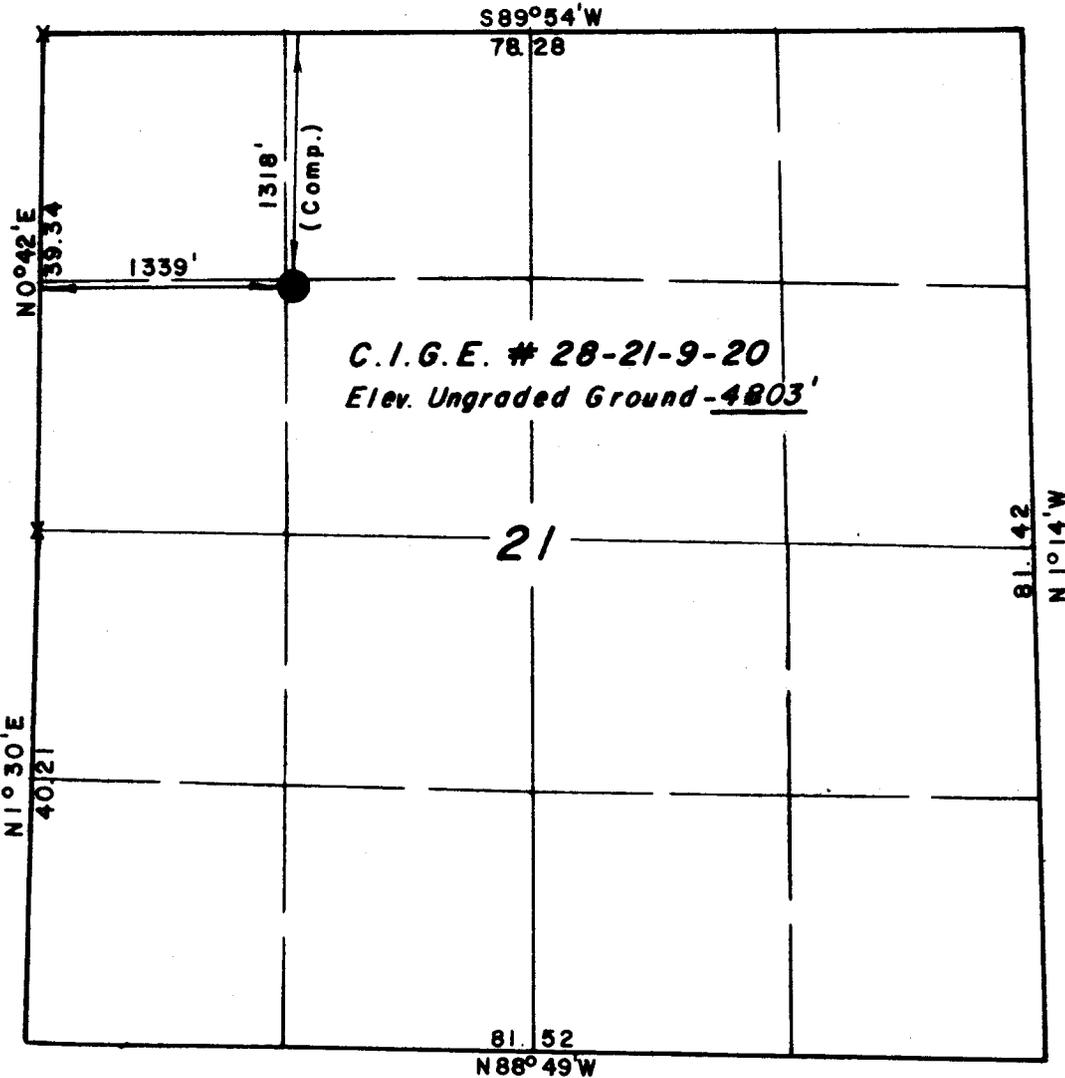
CONDITIONS OF APPROVAL, IF ANY:

T 9 S , R 2 0 E , S . L . B . & M .

PROJECT

C.I.G. EXPLORATION INC.

Well location, C.I.G.E. #28-21-9-20,
located as shown in the SE 1/4 NW 1/4
Section 21, T9S, R20E, S.L.B. & M.
Uintah County, Utah.



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	9 / 15 / 78
PARTY	DA JB RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	C.I.G. EXPLORATION

X = Section Corners Located

C.I.G. EXPLORATION, INC.

C.I.G.E # 28-21-9-20

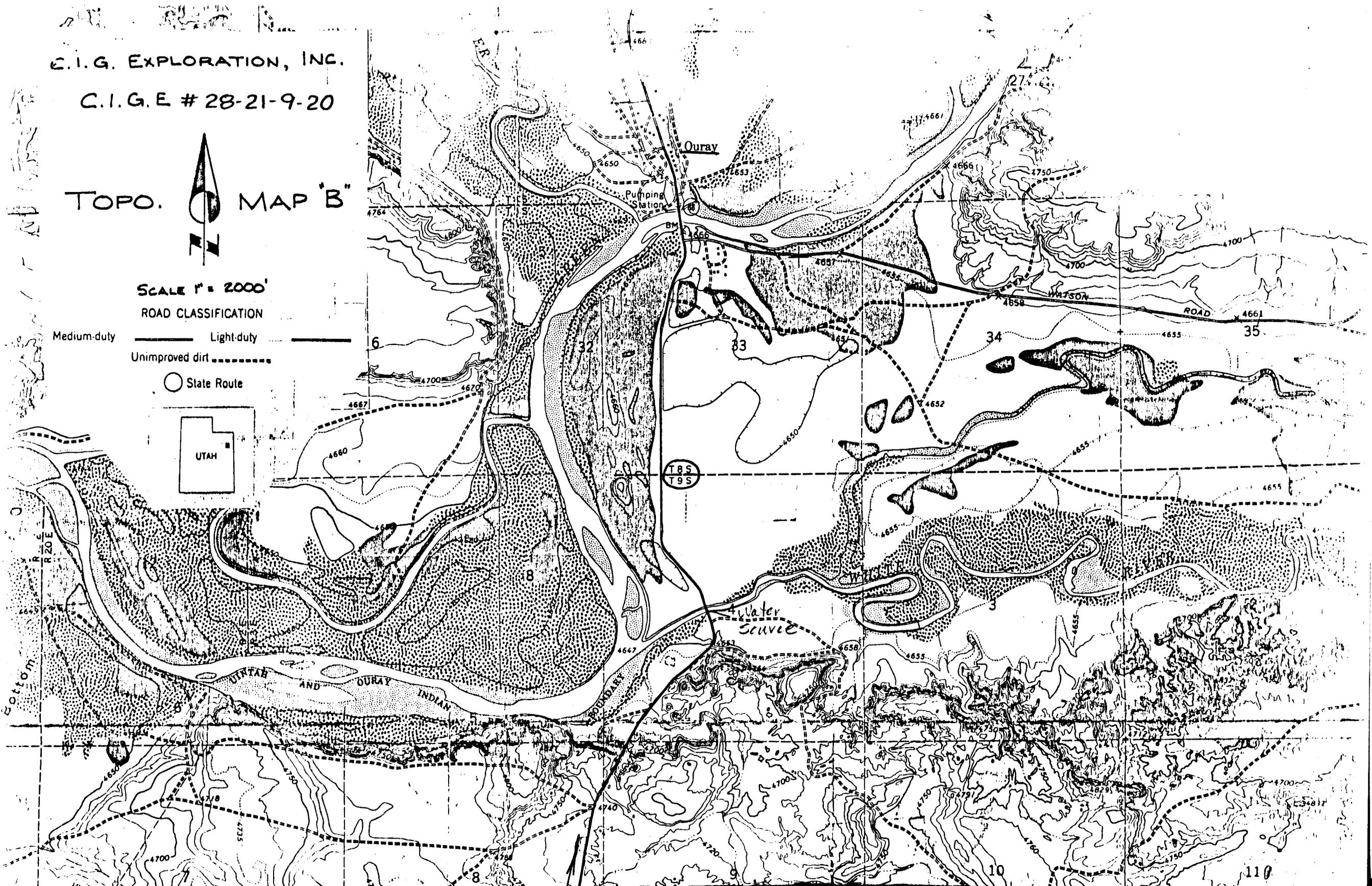
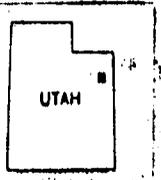
TOPO. MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION

- Medium-duty ——— Light-duty ———
- Unimproved dirt - - - - -
- State Route



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PROPOSED LOCATION

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#~~28-279-20~~

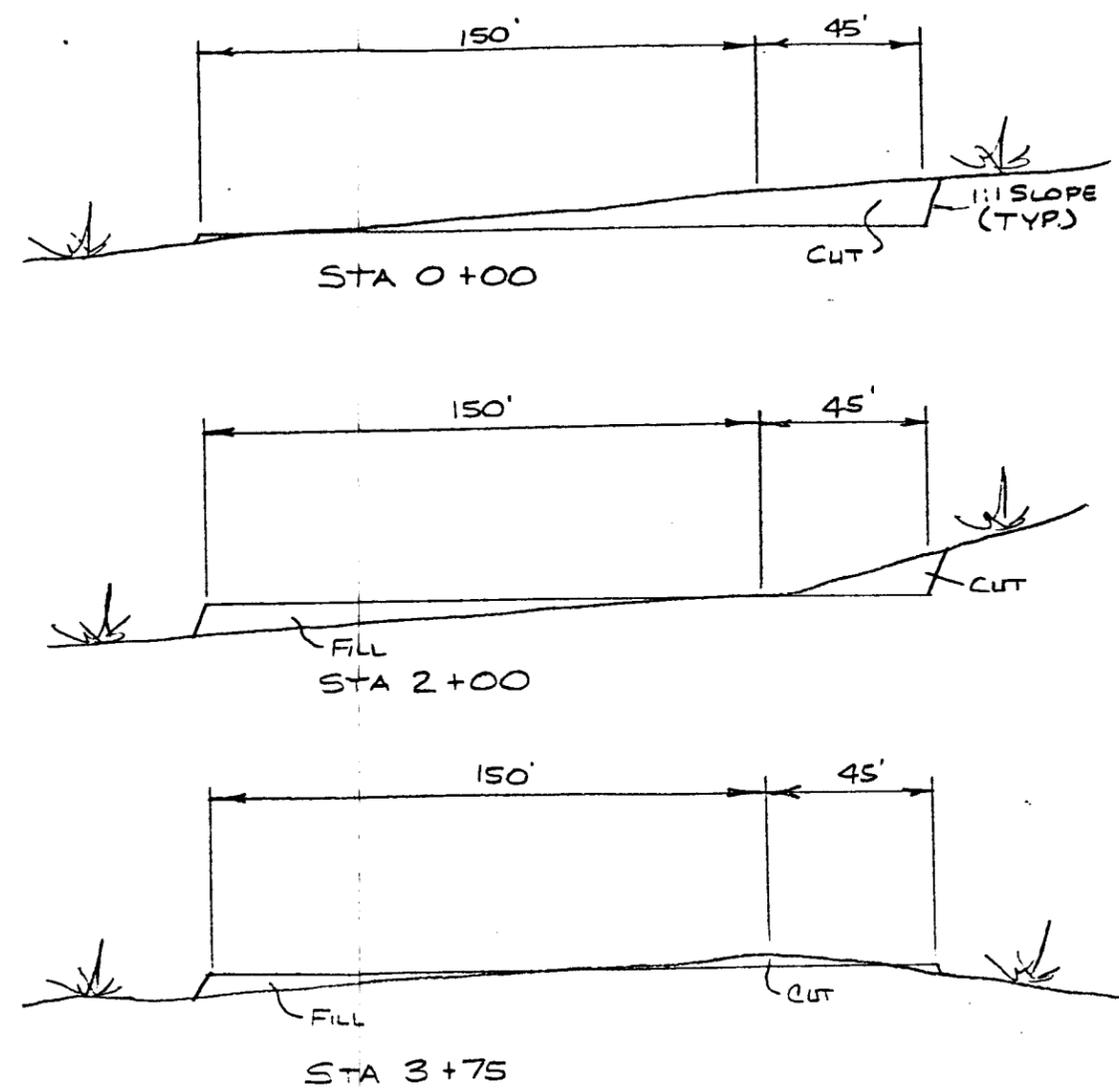
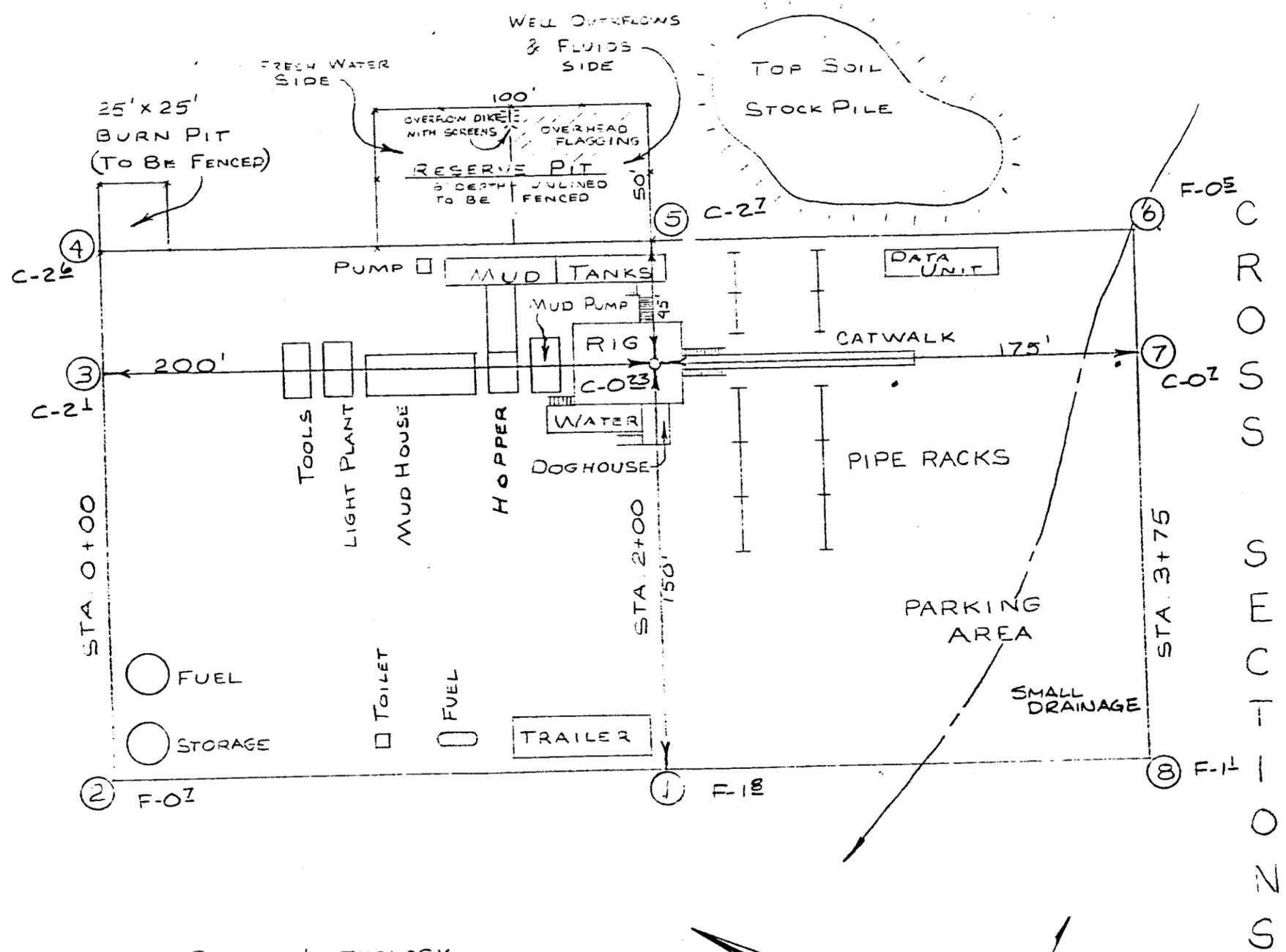
PROPOSED ACCESS ROAD

RESERVATION BOUNDARY

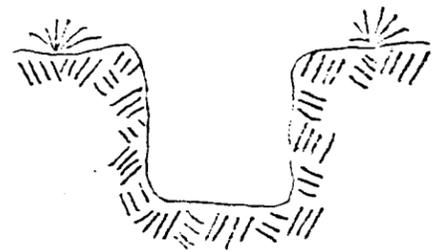
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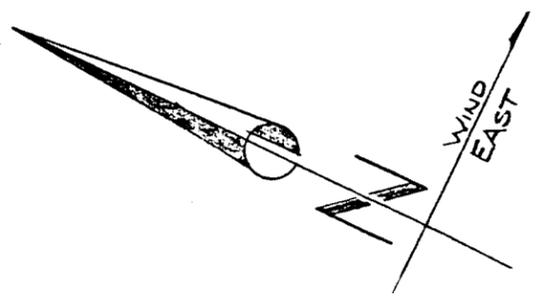
C.I.G. EXPLORATION
 C.I.G.E. # 28-21-9-20
 LOCATION LAYOUT & CUT SHEET



SOILS LITHOLOGY
 - NO SCALE -



LIGHT BROWN SANDY CLAY



SCALE
 1" = 50'

APPROX. YARDAGES
 CUT 1,437 CU. YDS
 FILL 1,057 CU. YDS.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Oct. 3.

Operator: Cig Explorations

Well No: Natural Buttes 28-21-9-20

Location: Sec. 21 T. 9S R. 20E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-047-30509

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Unit well [Signature]

Petroleum Engineer: _____

Remarks: _____

Director: [Signature]

Remarks: _____

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

Surface Casing Change
to _____

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

O.K. Rule C-3

O.K. In Nat. Buttes Unit

Other: _____

Letter ~~written~~ / Approved

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
 CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
 P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 1690' FNL & 1702' FWL, Section 21, T9S, R20E
 At proposed prod. zone
 SAME AS ABOVE *se nw*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 APPROXIMATELY 15 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1690'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEAS, FT. APPROXIMATELY 3000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4785' UNGRADED GROUND

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	7400'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AOUAFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) PLAT

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: *Nov. 13 1978*
 BY: *Clara B. Knight*

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

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 *F. R. Midkiff* TITLE DISTRICT SUPERINTENDENT DATE November 3, 1978
 F. R. MIDKIFF

(This space for Federal or State office use)
 PERMIT NO. *43-047-30503* APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

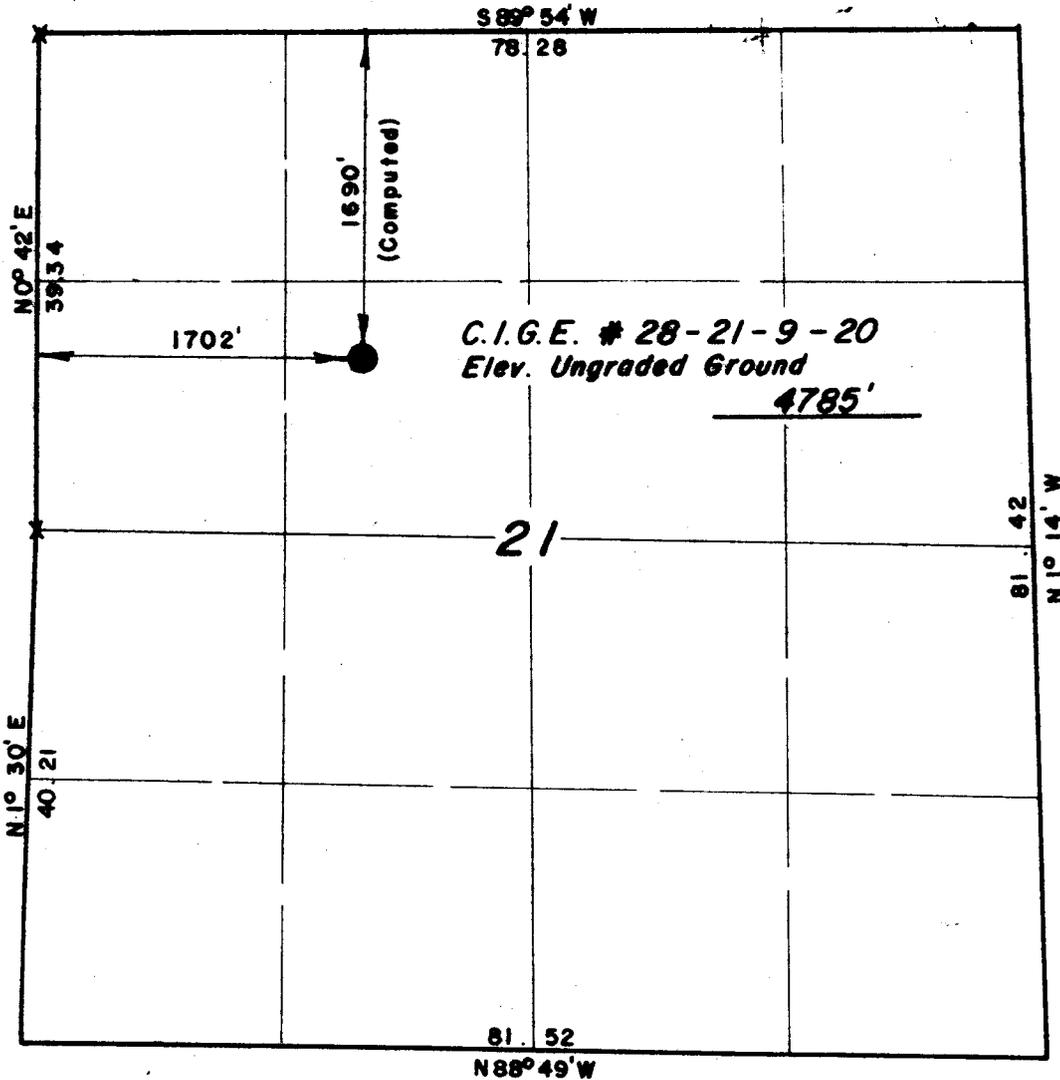


5. LEASE DESIGNATION AND SERIAL NO.
 U-0144869
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Surface: Ute Tribe
 7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT
 8. FARM OR LEASE NAME
 NATURAL BUTTES
 9. WELL NO.
 CIGE 28-21-9-20
 10. FIELD AND POOL, OR WILDCAT
 BITTER CREEK FIELD
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 21, T9S, R20E
 12. COUNTY OR PARISH
 UINTAH
 13. STATE
 UTAH

T 9 S, R 20 E, S. L. B. & M.

PROJECT
C.I.G. EXPLORATION, INC.

Well location, C.I.G.E. # 28-21-9-20,
located as shown in the SE 1/4 NW 1/4
Section 21, T 9 S, R 20 E, S. L. B. & M.
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

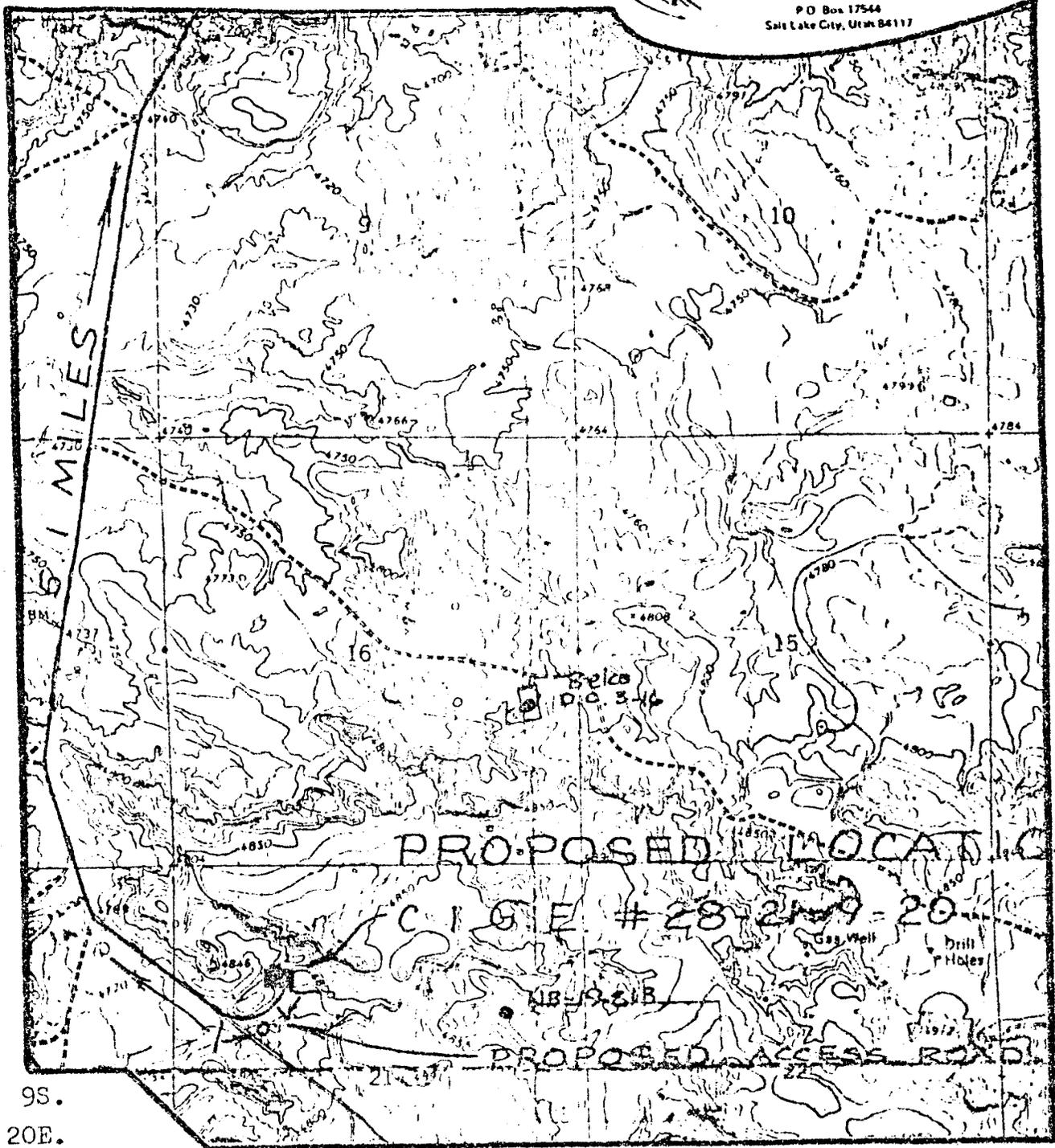
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Diane 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 10/20/78
PARTY D.A. J.B. B.F.W.	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G.E.



T. 9S.
R. 20E.

Meridian: Salt Lake B & M

Quad:

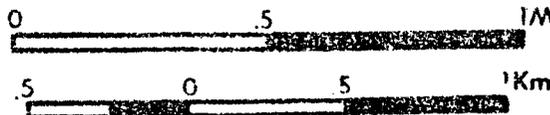
Project: GPE-78-5
Series: Eastern Utah
Date: 10/10/78

PROPOSED WELL LOCATION AND
ACCESS ROAD
CIGE 28-21-9-20
NATURAL BUTTES LOCALITY
UINTAH COUNTY, UTAH

Ouray, Utah
7.5' Series

Legend:

Proposed Well
Location



Scale

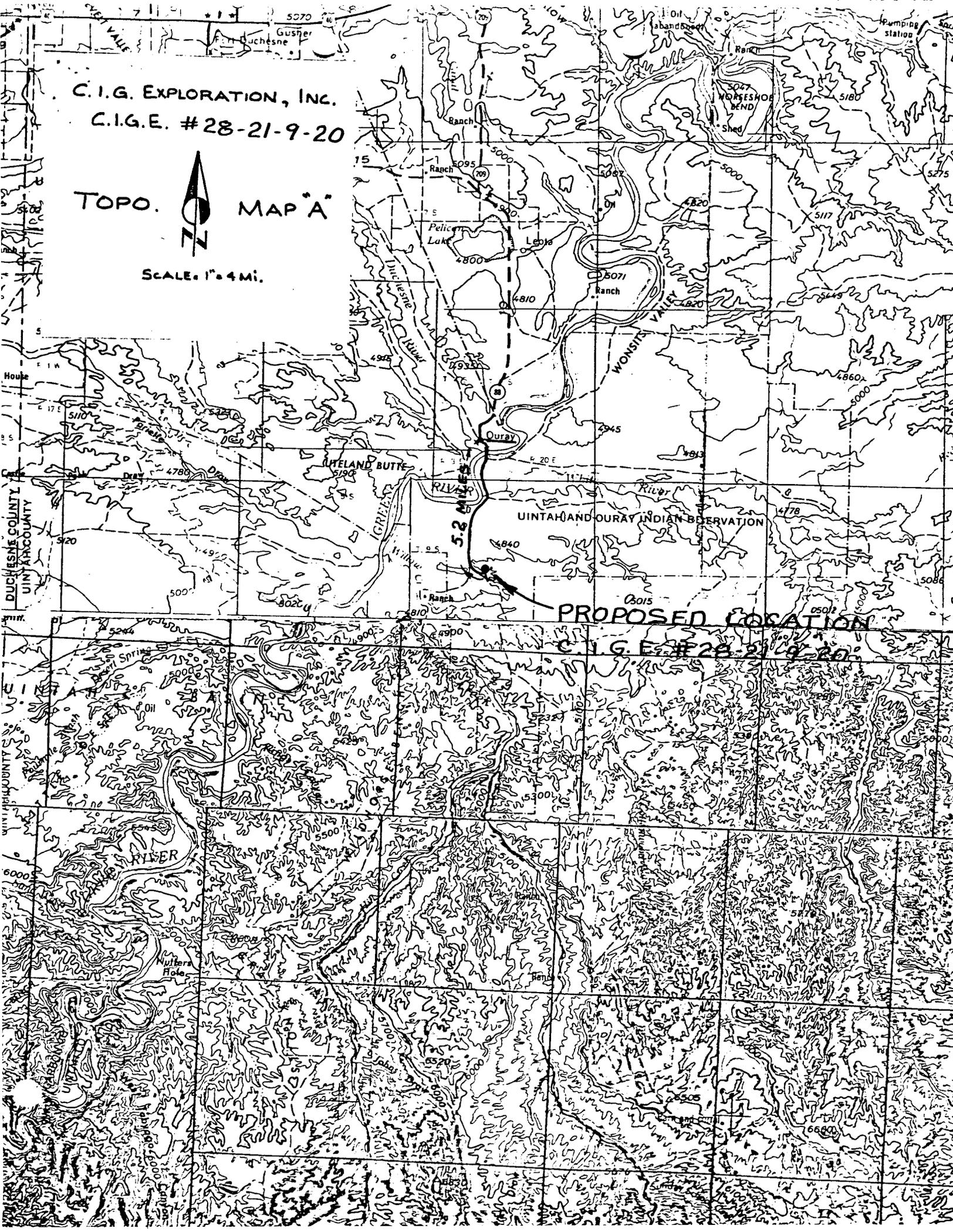


C. I. G. EXPLORATION, INC.
C. I. G. E. # 28-21-9-20

TOPO. MAP "A"



SCALE: 1" = 4 Mi.



PROPOSED LOCATION
C. I. G. E. # 28-21-9-20

DUCHESS COUNTY
UNITED STATES

WYOMING COUNTY
UNITED STATES

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

Usual Environmental Analysis

Lease No. U-0144869

Operator CIGE

Well No. CIGE-28-21-9-20

Location NWSEW ^{1702'} 1,339' FWL & ^{1690'} 1,318' FNL Sec. ^{HD} 21 T. 9 S. R. 20 E.

County Uintah State Utah Field Bitter Creek

Status: Surface Ownership B.I.A. Minerals Federal

Joint Field Inspection Date/ October 18, 1978

Participants and Organizations:

<u>Lynn Henson</u>	<u>USGS</u>
<u>Lynn Hall</u>	<u>B.I.A.</u>
<u>Gary Hatch</u>	<u>CIGE</u>
<u>Floyd Murray</u>	<u>De Casada Const.</u>
<u>Dale Hamberg</u>	<u>B.I.A.</u>
<u> </u>	<u> </u>
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<u> </u>	<u> </u>

Related Environmental Analyses and References:

- (1)
- (2)

BIA
 Pad 250x375
 pit 50x100
 1/4 mi new access
 Stockpile topsoil
 3 ac
 → Loc moved 200 S
 8.318' E

Analysis Prepared by: Lynn Henson
Petroleum Eng. Tech.

Reviewed by: George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date October 18, 1978

Proposed Action:

On September 25, 1978, CIGE filed an Application for Permit to Drill the No. CIGE-28-21-9-20 development well, a 7,400-foot oil and gas test of the Wasatch Formation; located at an elevation of 4,803 ft. in the NWSWNW Sec. 21, 9 S., 20 E., on Federal mineral lands and Indian surface; Lease No. U-0144869. As an objection was raised to the wellsite, it was moved to ~~1,568'~~^{1690'} FNL and ~~1,719'~~^{1702'} FWL. This did not change the 1/4 1/4 1/4 coordinates. There was no objection raised to the access road. A new location plat must be submitted as the location move was greater than 200 ft.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer 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 B.I.A., 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 250 ft. wide x 375 ft. long, and a reserve pit 100 ft. x 50 ft. A new access road would be constructed 18 ft. wide x 1/4 mi. long. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line have been submitted to the appropriate agencies for approval. The anticipated starting date is November 1, 1978, and duration of drilling activities would be about 20 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 mi. Southeast of Ouray, Utah, the nearest town. A good road runs to within 1/4 mi. of the location. This well is in the Bitter Creek field.

Topography:

Rough hills and coulees.

Geology:

The surface geology is the Uinta Formation.

The soil is sandy clay.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. 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 blowout 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 Indian Affairs.

Approximately three acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, and reseeding 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 project 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 rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial 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 8 inches.

Winds are medium and gusty, occurring predominantly 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:

The location drains to the Cottonwood Wash and then on to the White River.

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 commingling 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 basis 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.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. 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:

Sparse Native Grass and Sagebrush.

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about three 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 Bureau of Land Management. No endangered plants or animals are known to habitat on the 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 an 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 and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are 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 infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is visible from a major road. After drilling operations, completion equipment will 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 economies 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 U.S. Geological Survey'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.

Waste Disposal:

The mud and reserve 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.

Alternatives 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 subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite access road or any special restrictive stipulations or modifications to the proposed program would significantly reduce the environmental impact. There are no other vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is recommended. 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.

(3) The original stake (1,339' FWL and 1,318' SNL) was on top of a sand hill approximately 20' high. The sand would not support traffic or rig equipment (See attached picture #1). The location was moved 250' S. and 380' E., where the surface is compact (See picture #2). ^{363'} 372'

Adverse Environmental Effects Which Cannot Be Avoided:

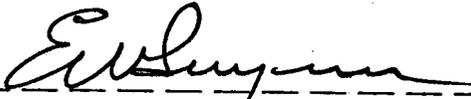
Surface disturbance and removal of vegetation from approximately three acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor 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 subsurface damage to fresh-water aquifers and other geologic formations exists. 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 Cottonwood Wash would exist through leaks and spills.

Determination:

This requested action ~~will~~ ^{does not} ~~does not~~ constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date

11/2/78


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

CIG EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

CIGE 28-21-9-20

Located In

Section 21, T9S, R20E, S.L.B. & M.

Uintah County, Utah

C.I.G. EXPLORATION INCORPORATED
C.I.G.E. 28-21-9-20
Section 21, T9S, R20E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location CIGE 28-21-9-20 located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 21, T9S, R20E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and U.S. Highway 209; proceed South along U.S. Highway 209; 7 miles more or less to the junction of this Highway and U.S. Highway 88; proceed South along U.S. Highway 88, 10 miles to Ouray, Utah proceed on South 5.1 miles along the Seep Ridge Road to its junction with the proposed access road to be discussed in Item #2.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the County road is surfaced with native asphalt, to the Oil field service road.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.I.A. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road described in Item #1 in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and proceeds in a Northeasterly direction 0.2 miles to the proposed location site in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 21, T9S, R20E, S.L.B. & M.

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

This 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.

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

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

2. PLANNED ACCESS ROAD - continued

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 or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' 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.

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 this access road traverses is around the base of a small hill and along a relatively flat bench area.

The vegetation of this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 21, T9S, R20E, S.L.B. & M. See the Location Plat.

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

At the present time there are no other CIG Exploration Incorporated batteries production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

In the event that production is established plans for a gas flow line from this location to an existing production facilities will be submitted for approval.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled from the White River South of Ouray, Utah at a point where the road described in Item #1 crosses it. This water will be hauled by truck over existing roads and the proposed access road 3.2 miles to the location site. (See Topographic Map "B").

In the event that the above source is not used, the water will be hauled from Willow Creek at a point where the Hill Creek Road crosses it in the SE ¼ Section 5, T10S, R20E, S.L.B. & M. a distance of 7.4 miles.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

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 material 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.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. 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 attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, 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 of 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. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. Representative 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 slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only two in the area having a year round flow being Willow Creek to the West and the White River to the North, of which the numerous washes, draws and non-perennial streams are tributaries to the White River.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely rare heavy thunderstorms or rain storms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All the drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone, and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with out-crops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic 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 of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses, and cacti can be found.

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

11. OTHER INFORMATION - continued

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

The area is used by man for the primary purpose of grazing domestic livestock.

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

CIGE 28-21-9-20 location site sits on a relatively flat area, which slope to the Northeast into small non-perennial drainages which are tributaries of the White River to the North.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the Southwest through the location to the Northeast at approximately a 1% grade.

The location is covered with some 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 OPERATOR'S REPRESENTATIVE

Frank R. Midkiff
CIG Exploration Incorporated
P.O. Box 749
Denver, Colorado 80201

TELE: 1-303-572-1121

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 CIG Exploration Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with the plan and the terms and conditions under which it is approved.

DATE

11/3/78

Frank R. Midkiff
Frank R. Midkiff

CIGE 28-21-9-20
SECTION 21, T9S, R20E
Uintah County, Utah

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER 1750'
WASATCH 5200'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH — 5200' — GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8" - K-55, ST&C - 36# NEW
4-1/2" - N-80, LT&C - 11.6# NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom: 3000# BOP W/4-1/2" pipe rams
 3000# BOP W/blind rams
 3000# Hydril

Top: Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.
BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned
No cores are expected to be cut.

LOGS: Dual Induction Laterolog
Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

No abnormal pressures or temperatures expected
No hydrogen sulfide expected

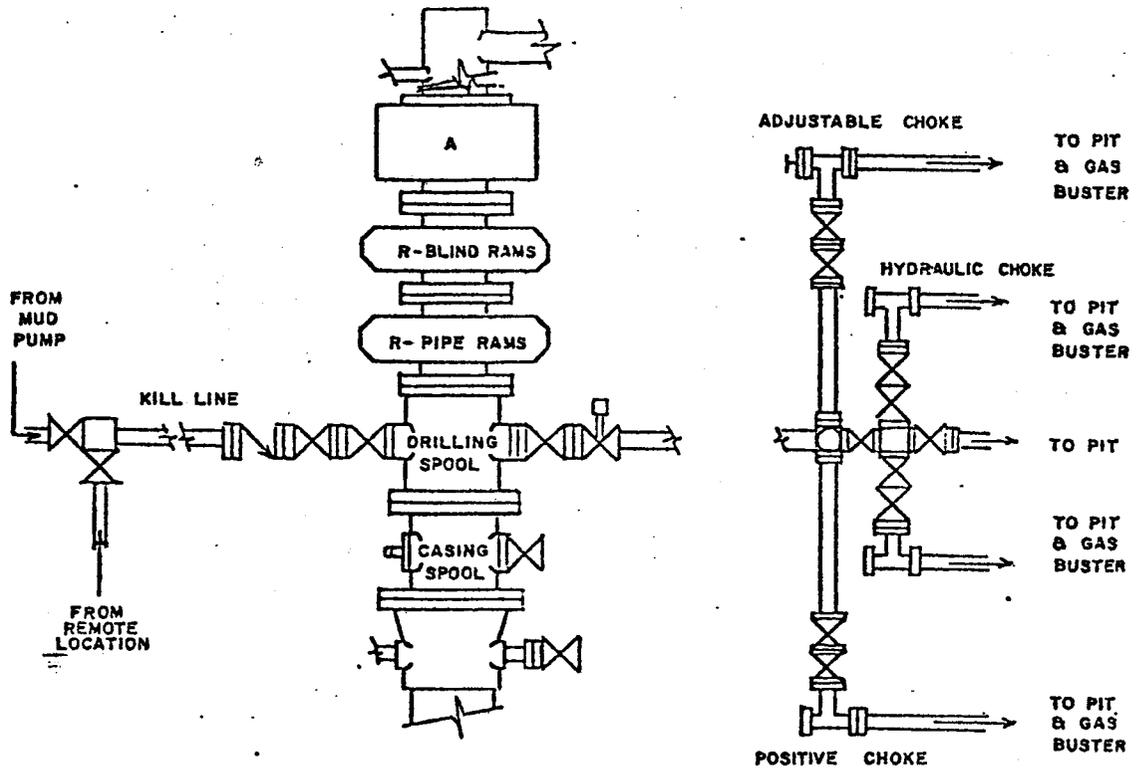
10. The anticipated starting date and duration of the operation:

NOVEMBER 15, 1978

Three week duration.

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 17544 - Salt Lake City, Utah 84117

Tel.: (801) 582-0313

October 10, 1978

2 ✓

28

Subject: Archeological Reconnaissance for Proposed Well Locations and Associated Access Roads in the Natural Buttes Locality of Uintah County, Utah

Project: Gas Producing Enterprise - 1978 Gas-Oilwell Development in Uintah County, Utah

Project No.: GPE-78-5B

Permit No.: 78-Ut-014

To: Mr. Dennis Mower, Director of Resources Division, Ute Indian Tribe, Fort Duchesne, Utah 84026

Mr. Karl Oden, Gas Producing Enterprise, P. O. Box 1138, Vernal, Utah 84078

Ms. Maggie Dominy, CIG Exploration, 2100 Prudential Plaza, P. O. Box 749, Denver, Colorado 80201

GENERAL INFORMATION:

The proposed well locations and associated access roads were intensively examined for prehistoric and historic cultural remains between September 18 and September 22, 1978, by D. G. Weder of AERC. The well locations are located on lands administered by the Uintah and Ouray Agency of the Bureau of Indian Affairs. The legal description of each well location and access road is shown below. In addition, maps showing each location are attached.

<u>WELL #</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>ACCESS ROAD</u>
STATE — 19	16	9 South	21 East	Section 16 also
22	15	9 South	20 East	Same
28	21	9 South	20 East	Same
29	23	9 South	20 East	Same
32	20	9 South	20 East	Same
40	20	9 South	22 East	Section 19 also

The well locations were examined by performing parallel transects spaced at 15 meter intervals. In addition, each transect extended approximately 15 meters beyond the marked boundaries of the location. The access roads were examined by performing two parallel transects spaced 15 meters apart and equidistant from the road centerline. In this manner, a 30 meter-wide corridor was examined for each access road.

RESULTS:

No prehistoric or historic culture resource sites were encountered during the surface examination of the well locations and access roads listed above. One of the well

locations, #19-16-9-21, was already disturbed before AERC examination. No cultural resources were noted in the area previously disturbed.

CONCLUSIONS AND RECOMMENDATIONS:

A cultural resources clearance can be recommended for the proposed well locations and access roads, if, during development, compliance to the following stipulations is observed:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations;
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and
3. a qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.

Dennis G. Weder

D. G. Weder
Archeologist

F. R. Hauck

F. R. Hauck, Ph.D.
President

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, E, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0144869

OPERATOR: CIG Exploration, Inc.

WELL NO. CIGE 28-21-9-20

LOCATION: sw 1/4 ne 1/4 nw 1/4 sec. 21, T. 9 S., R. 20 E., SIM

Uintah County, Utah

1. Stratigraphy: Operator projects tops as follows:

Surface- Uinta Fm.

1750- Green River Fm.

5200- Wasatch Fm. (possible gas)

Belco Pet. Well 19-21B (see ne same section) produced gas from Wasatch
5598-6854.

2. Fresh Water: Fresh water could occur in sands in the Uinta Fm. and upper Green River Fm.
Usable water (brackish) could occur as deep as 3500 ft.

3. Leasable Minerals: Oil shale expected in the Green River Fm. between 2000 and 3000 ft.
Pods of saline minerals could occur in the Green River above the
oil-shale beds. The top of the Mahogany oil-shale zone should occur
about 2300 ft.

4. Additional Logs Needed: Operator proposed logs should be run through the Green River Fm.
2000-3000 to identify the extent of the oil-shale beds.

5. Potential Geologic Hazards: None anticipated.

6. References and Remarks: Within Bitter Creek KGS
Ref: USGS files, Salt Lake City, Utah, USGS Map I-736.

Signature: James E. Kohler

Date: 09 - 29 - 78

**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
 CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
 P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1690' FNL & 1702' FWL, Section 21, T9S, R20E
 At proposed prod. zone
 SAME AS ABOVE

4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 APPROXIMATELY 15 MILES SOUTHEAST OF OURAY, UTAH

5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1690'

6. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'

7. NO. OF ACRES IN LEASE 920.

8. PROPOSED DEPTH 7400'

9. NO. OF ACRES ASSIGNED TO THIS WELL N/A

10. ROTARY OR CABLE TOOLS ROTARY

11. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4785' UNGRADED GROUND

12. APPROX. DATE WORK WILL START*
 January 15, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Surface: Ute Tribe

7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
 NATURAL BUTTES

9. WELL NO.
 CIGE 28-21-9-20

10. FIELD AND POOL, OR WILDCAT
 BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 21, T9S, R20E

12. COUNTY OR PARISH UINTAH **13. STATE** UTAH

3. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	7400'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUIFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) PLAT

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

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 *P. R. Midkiff* TITLE DISTRICT SUPERINTENDENT DATE November 3, 1978
 P. R. MIDKIFF

PERMIT NO. _____ ACTING APPROVAL DATE _____
 APPROVED BY *E. W. Gwynn* TITLE DISTRICT ENGINEER DATE DEC 20 1978
 (This space for Federal or State office use)

U.S. Geological Survey, Department of Natural Resources
 Division of Oil, Gas, and Mining
 1500 West North Temple
 Salt Lake City, Utah 84116

NOTICE OF APPROVAL

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

Location
Change
only

** FILE NOTATIONS **

Date: Nov. 13 -

Operator: Cy Exploration

Well No: Natural Buries 28-21-9-20

Location: Sec. 21 T. 9S R. 20E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: ~~1321130523~~

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Unit well

Petroleum Engineer: _____

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

Surface Casing Change to _____

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

O.K. Rule C-3

O.K. In Nat Buries Unit

Other:

~~Letter Request~~ / Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-0144869

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

8. FARM OR LEASE NAME
NATURAL BUTTES

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80202

9. WELL NO.
CIGE 28-21-9-20

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1690' FNL & 1702' FWL, SECTION 21, T9S, R20E

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

14. PERMIT NO.
43-047-30523

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4785' UNGRADED GROUND

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
SECTION 21, T9S, R20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) PIPELINE HOOKUP

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) PIPELINE HOOKUP

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
 - (A) TYPICAL WELL HEAD INSTALLATION
 - (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED PIPELINE MAP
- (3) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

FOR ON-SITE CONTACT:

EDWARD N. NORRIS AT (801) 789-2773

OR

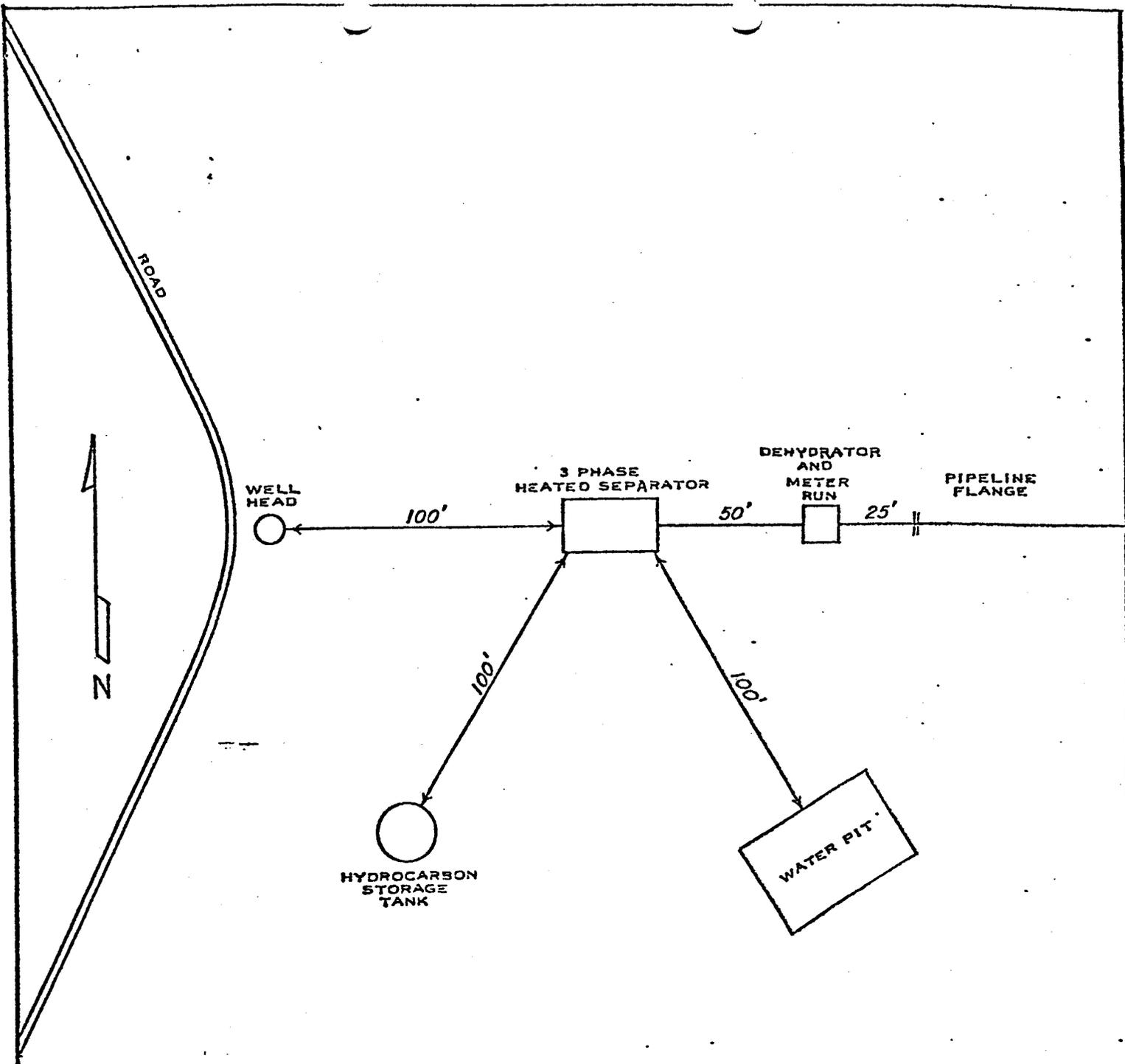
IRA K. McCLANAHAN AT (303) 473-2300

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

SIGNED *E. R. Midkiff* TITLE DISTRICT SUPERINTENDENT DATE 7/23/79
E. R. MIDKIFF

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



GAS PRODUCING ENTERPRISES, INC.
DENVER, COLORADO

CIGE 28-21-9-20
BITTER CREEK FIELD
SECTION 21, T9S, R20E
UINTAH, UTAH

PIPELINE TO BE ADEQUATELY ANCHORED TO PREVENT UNDUE MOVEMENT OR STRAIN TO EXISTING FACILITY. NUMBER AND SPACING OF ANCHORS TO BE DETERMINED IN FIELD

FOR PIPE ANCHOR DETAIL SEE DWG. 80FM3-4A

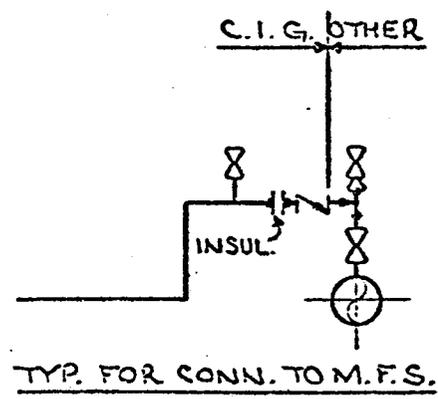
20' ±

B.O.
C.Y.
S.V.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.G.)

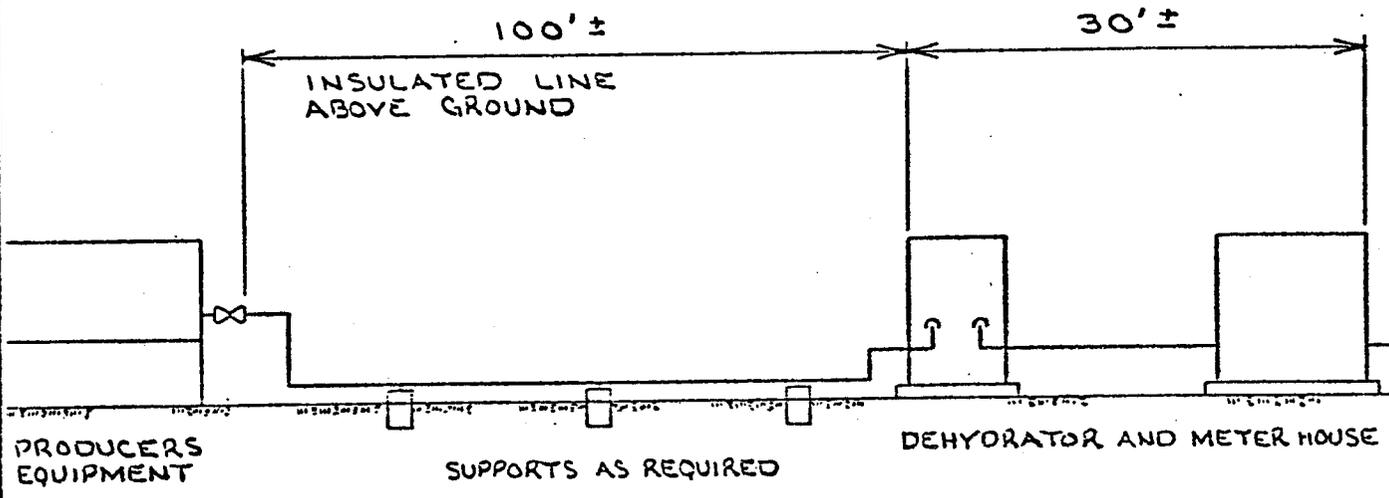


NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APP.
1	2385B	REVISE STARTING POINT	8-27-77	RWP		

Colorado Interstate Gas Co.
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD
JUNTA COUNTY, UTAH

SCALE: NONE DRAWN: RWP APP: [Signature] 115FP-1 1/8



FLOW LINE BURIED
SUFFICIENT LENGTH
FOR ADEQUATE ANCHOR

Colorado Interstate Gas Co.
COLORADO SPRINGS, COLORADO

TYPICAL WELL HEAD INSTALLATION
NATURAL BUTTES FIELD

UINTAH COUNTY, UTAH

NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP	APP.	115FP-2 1/8
REVISIONS							DATE: 7-15-77	CHECK:	C. O. 23858	

ESTIMATE SKETCH

25066*

DATE: 12/27/78

COLORADO INTERSTATE GAS COMPANY
 NORTHWEST PIPELINE CORPORATION

W. O. NO.:

STARTING DATE:

REVISION NO.:

EST. COMP. DATE:

BUDGET NO.:

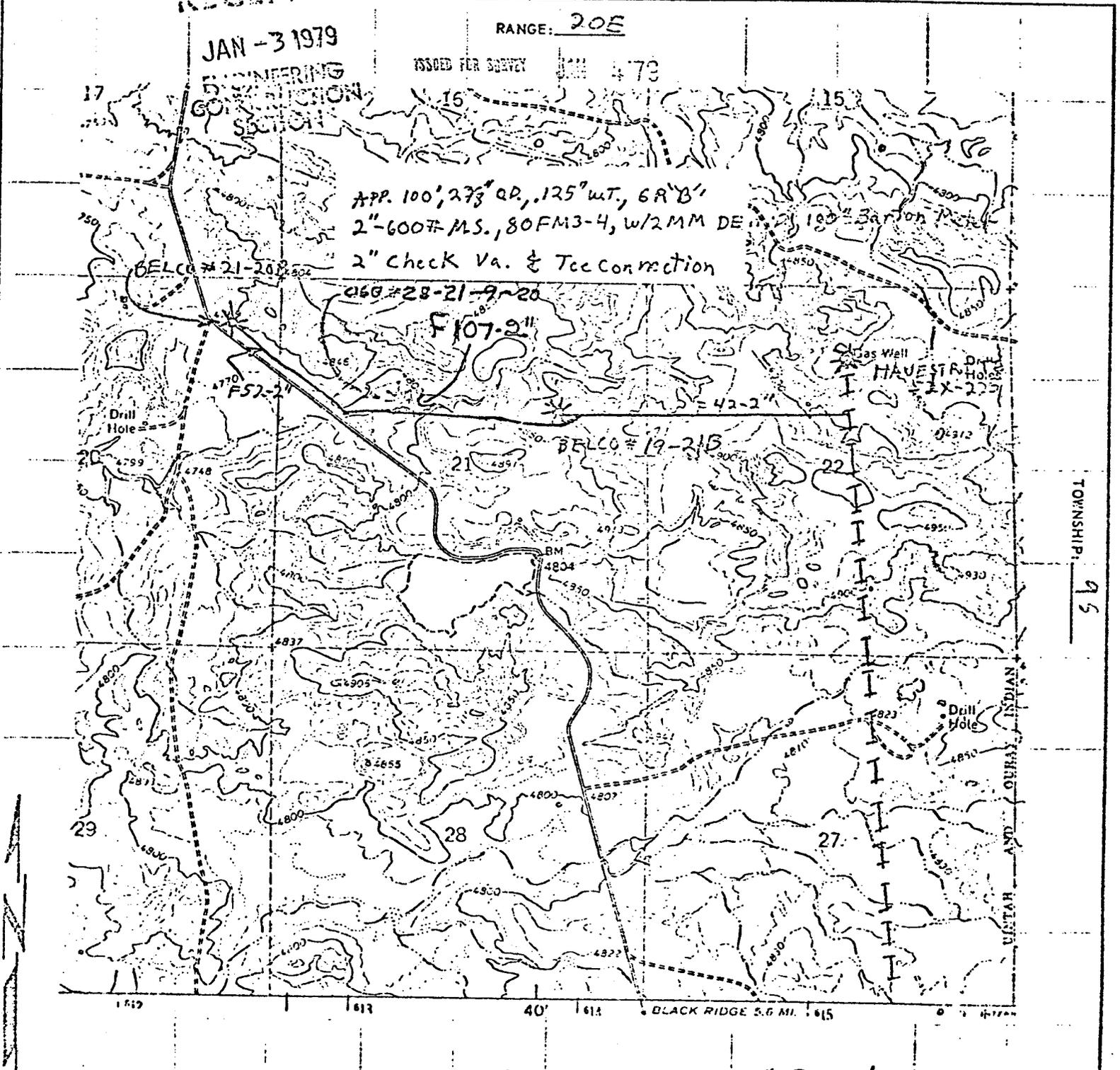
COMPANY CONTRACT

RELATED DWG.: 115FH-1(C)

LOCATION: 1690' FWL, 1702' FWL, SECT 21-9S-20E COUNTY: Uintah STATE: Utah

DESCRIPTION OF WORK: Connect CIG# 28-21-9-20 NATURAL BUTTES

REQUESTED BY: APPROXIMATE MILEAGE: PROJECT ENGINEER: JFK



PREPARED BY: SCALE (IF ANY): 1" = 2,000'

Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area

Statement for permit to lay flow line, to be included with application for Drilling Permit --

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #28-21-9-20 in a southerly direction connecting to line (F52-2") from Belco #21-20 in the NW/4 of Section 21, all in 9S-20E. The line will be approximately 100' long as shown on the attached sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p> <p align="center">1690' FNL & 1702' FWL SECTION 21-T9S-R20E</p> <p>14. PERMIT NO. 43-047-30523</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-0144869</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME SURFACE: UTE TRIBE</p> <p>7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT</p> <p>8. FARM OR LEASE NAME NATURAL BUTTES</p> <p>9. WELL NO. NATURAL BUTTES UNIT #34Y (CIGE 28-21-9-20)</p> <p>10. FIELD AND POOL, OR WILDCAT BITTER CREEK</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 21-T9S-R20E</p> <p>12. COUNTY OR PARISH UINTAH</p> <p>13. STATE UTAH</p>
<p>15. ELEVATIONS (Show whether DP, RT, CR, etc.) 4785' UNGR. GR.</p>	

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- (1) Operator of well to be changed from CIG Exploration, Inc. to Gas Producing Enterprises, Inc., (See attached letter withdrawing designation of agent.)
 - (2) Well name to be changed from CIGE 28-21-9-20 to Natural Buttes Unit No. 34Y.
- (Verbal approval received from Bill Martens (USGS) on December 13, 1979).

RECEIVED

DEC 19 1979

DIVISION OF
OIL, GAS & MINING

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

SIGNED *F. W. Heiser* TITLE Drilling Superintendent DATE December 13, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Gas Producing Enterprises

WELL NAME: Natural Buttes Unit #34Y

SECTION 21 SE NW TOWNSHIP 9S RANGE 20E COUNTY Uintah

DRILLING CONTRACTOR Massic

RIG # 1

SPUDED: DATE 12/15/79

TIME 8:00 pm

HOW dry hole

DRILLING WILL COMMENCE 12/20/79

REPORTED BY Pat Bohner

TELEPHONE # 303-572-1121 ex 293

DATE December 17, 1979

SIGNED *M. J. Minder*

cc: USGS

NOTICE OF SPUD

WELL NAME: NATURAL BUTTES UNIT No. 34Y (C16E 28-21-9-20)

LOCATION: SE 1/4 NW 1/4 SECTION 21 T-9S R-20E

COUNTY: UINTAH STATE: UTAH

LEASE NO.: U-0144869 LEASE EXPIRATION DATE: 11/30/70

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPUDDED: 12/15/79 8:00 PM

DRY HOLE SPUDDER: PARKER AIR ϕ

DETAILS OF SPUD (Hole, Casing, Cement, etc.): SPUD 12 1/4" hole @ DRILL TO 203'. RUN 5 JTS 9 5/8", 36# K-55 820 ST&C & landed @ 203' 6". CMT W/120 SX HALLIBURTON Class "H". 290 CaCl. PD @ 5 PM 12/17/79.

ROTARY RIG NAME & NUMBER: MASEK RIG #1

APPROXIMATE DATE ROTARY MOVES IN: 12/20/79

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 12/17/79

PERSON CALLED: TERESA

STATE CALLED: DATE: 12/17/79

PERSON CALLED: MIKE BENDER

REPORTED BY: PAT BOHNER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

NATURAL BUTTES UNIT #34Y
(CICE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK

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

SECTION 21-T9S-R20E

12. COUNTY OR PARISH 13. STATE

UINTAH UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

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

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.
43-047-30523

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4785' UNGR. GR.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

Spud

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Verbal report of spud given to Teresa (USGS) and Mike Bender (State of Utah) on December 16, 1979. Please see attached Notice of Spud.

RECEIVED

JAN 7 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED F. W. Heiser

TITLE Drilling Superintendent

DATE December 31, 1979

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

NBU GPE #34Y

Bitter Creek Field
Uintah County, Utah

Interest: 0%, 50% BI

ATD: 7200' SD: 12-15-79

AFE: 11152

GPE, Oper.

9-5/8" @ 203' GL;

LOCATION: SE/4, NW/4, Section 21,
T9S, R20E. 1690' FNL, 1702'
FWL.1-4-80 5534'; (279'-22½ hrs); Drlg 7-7/8.

Drlg; Rig service- check BOP's; surveys 1st misrun 5490-1°; BGG 450 units, CG 950 units, No Breaks; MW 9.0, vis 37, WL 14, PV 11, YP 5, sand ½, solids 4.5, pH 9.9, ALK: Pf 3.8, Mf 13.1, CL 10,000, CA 40, Gels 4/9, Cake 2/32, MBT 12.8 lb/bbl; Cum Csts: \$144,749.

1-5-80 5820' (286'-23½ hrs); Drlg 7-7/8".

Drlg 5534-5820; SR & check BOP's; Drlg break 5777-5814 (37') 4.0 to 1.0 to 7.0; BGG 800 units before 100, 9-5-9.6; after 175; 234 jt 4½-N-80 11.6# R-2 & 3 LTC 7422' threads. MW 9.5, vis 37, WL 14, PV 11, YP 6, sand ¼, solids 6, pH 10.1, ALK: Pf 4.2, Mf 13.9, CL 9000, CA 40, Gels 3/6, Cake 2/32, MBT 15.07 lb/bbl. Cum Csts: \$162,795.

1-6-80 6086' (266'-23 hrs); Drlg.

Drlg 5820-6086; SR & check BOP; Survey 6010-1°; 120 BGG; 150 CG; Break 6012-42 (30') 3.5-2.0-3.5; 100-150 units-100; 6058-70 (12'); 4.0-2.0-5.0; 125-175-125; MW 9.4, vis 38, WL 13, PV 11, YP 8, sand ¼, Solids 6, pH 9.9, ALK: Pf 4.4, Mf 10.2, CL 8000, CA 40, Gels 3/6, Cake 2/32, MBT 12 lb/bbl; Cum Csts: \$170,926.

1-7-80 6357'; (271'-23½ hrs); Drlg 7-7/8".

Drlg 6086-6357; Rig Serv & BOP check; BGG 200 units, CG 225 units, 6100-6110 Before 4.0"/ft; during 2.5"/ft, after 4.0"/ft. Gas before 200, during 250, after 200. 6149-6194 before 6.0"/ft during 2.0"/ft, after 5"/ft gas before 175, during 175, after 175- No shows; Talley pipe less thds 7323; 234 jts. MW 9.4, vis 37, WL 13.6, PV 11, YP 5, Sand tr, solids 6.0, pH 10.1, ALK: Pf 5.6, Mf 10.4, CL 8000, CA 40, Gels 2/6, Cake 2/32, MBT 12.0 lb/bbl; Cum Csts: \$178,876.

1-8-80 6612' (255'-22 hrs); Drlg 7-7/8".

Drlg 6357-6612; Rig Repair (thaw air lines); Rig Serv & check BOP's BGG 500 units, CG 1000 units, Breaks 6464-68 Before 4.0"/ft, during 2.5"/ft; after 5.0"/ft; before 200 units, during 200 units, after 200 units. No shows; 6562-89: 7.9"/ft before; during 1.0"/ft; after 5.5"/ft; before 235 units, during 1475 units, after 235 units; No oil stains; MW 9.3+, vis 38, WL 14.2, PV 12, YP 8, sand ¼, solids 7, pH 10.0, ALK: Pf 5.1, Mf 10.6, CL 7500, CA tr, gels 2/6, Cake 2/32, MBT 9.03 lb/bbl; Cum Csts: \$186,092.

1-9-80 6769' (157'-13 hrs); Drlg 7-7/8" w/bit #4.

Drlg; Rig Service & check BOP's; survey (1½° @ 6675'); Strap out checked ok. Change bit & TIH; Cut 90' drlg line & change grant rotating head rubber; Ream & wash 40' to btm; BGG 350 units, CG 425 units, Trip 1500 units; Break 6702-26 (24') Before 5.0"/ft during 0.5"-2.5"/ft; after 4.5"/ft. Before 135 units, during 750, after 350 units. No oil show; MW 9.3+, vis 37, WL 13.8, PV 11, YP 7, Sand tr, solids 7.0, pH 10.0, ALK: Pf 4.8, Mf 10.6, CL 8000, Gels 2/6, Cake 2/32, MBT 13.0 lb/bbl; Cum Csts: \$193,068.

1-10-80 7020' (251'- 23½ hrs); Drlg 7-7/8"

Drlg; Rig Serv & check BOP's; BGG 250 units CG 325 units. No breaks. Boiler on 16 hrs. MW 9.4, vis 38, WL 14.1, PV 12, YP 6, sand ¼, solids 7, pH 10.1, ALK: Pf 5.8, Mf 12.5, CL 8000, CA tr, Gels 3/6, Cake 2/32, MBT 9.9 lb/bbl, Chr 400 ppm. Cum Csts: \$200,061.

1-11-80 7200' (180'-16 hrs); Logging;

Drlg; Rig Service & check BOP's; Circ & cond for logs; Strapout; BGG 325, Conn 400; Break 7028-42 (14') Before 5"/ft, during 3.0"/ft, after 7"/ft. Before 300 units, during 800 units, after 350 units. Rel mud logger 2 AM 1-11-80. MW 9.5+, vis 39, WL 11.2, PV 11, YP 9, Sand ¼, solids 6.0, pH 10.5, ALK: Pf 5.2, Mf 11.3, CL 7000, Ca tr, Gels 2/6, Cake 2/32, MBT 14.17 lb/bbl, Chr 400 ppm. Cum Csts: \$212,036.

1-12-80 7200' Running 4½" csg (est 20 jts in hole).TOOH for logs- strapped out of hole (7206') RU Schlumber;
Logging: DIL, CNL-FDC. RD Schlumberger; TIH (slow); Circ & cond hole; LDDP
& 26 6¼" DC;

NBU GPE #34Y
 Bitter Creek Field
 Uintah County, Utah
 Interest: 0%, 50% BI
 ATD: 7200' SD: 12-15-79
 AFE:
 GPE, Oper.
 9-5/8" @ 203' GL;

LOCATION: SE/4, NW/4, Section 21, T9S, R2
 1690' FNL, 1702' FWL.

- 12-22-79 203' GL;
 MI & RURT.
- 12-23-79 203' GL; MI & RURT.
 RU w/Bob Jones trucking. Cum Csts: \$28,620.
- 12-24-79 203' GL; RURT; prep to press tst BOP stack.
 RURT. Cum Csts: \$36,795.
- 12-25-79 203' GL; SD Xmas.
 RURT; Tst blind rams to 3000#, ck manifold to 3000#; pipe rams
 to 3000# Hydrill 1500#; Held ok. Cum Csts: \$42,860.
- 12-26-79 203' GL; Prep to PU Dc's.
 SD Xmas; Cum Csts: \$42,860.
- 12-27-79 705' (502'-11½ hrs); Drlg.
 RURT. Drlg; Survey (½° @ 510'); Resumed drlg @ 6:30 PM
 12-26-79. MW 8.4, vis 27, Cum Csts: \$49,657.
- 12-28-79 1790' Drlg (1086' - 19½ hrs).
 Drlg 705-1200'; Rig service - check BOP's; Trip for new bit @
 1200'; Drlg 1200-1790'; Surveys (1½° @ 1030')(1-1/4° @ 1520'); Full rets.
 MW 8.4, vis 27. Cum csts \$59,331.
- 12-29-79 2670' Drlg 7-7/8" hole (880' - 22½ hrs).
 Drlg 1790-2670'; Rig service & check BOP; WL Surveys (1° @ 2005')
 (1-1/4° @ 2500'); NOTE: Drlg w/full rets. Baroid Mud logger on location &
 operations 12-28-79. BGG 350 un @ 6 AM 12-29-79. MW 8.4, vis 28.
 Cum csts \$66,081.
- 12-30-79 3533' Drlg 7-7/8" hole (863' - 23 hrs).
 Drlg 2670-3533'; Rig service & check BOP; WL Survey (3/4° @ 3004');
 Drlg w/full rets; BGG 450 un. MW 8.4, vis 27, PH 9.9, Chr 350.
 Cum csts \$81,027.
- 12-31-79 4200' Drlg 7-7/8" hole (667' - 22½ hrs).
 Drlg 3533-4200'; Rig service & check BOP; WL Surveys (3/4° @ 3492')
 (1° @ 3900'); BGG 750 un, Conn gas 800 un; Drlg brks 3772-83', 2 - 5 - 2 MPF,
 425 - 400 - 425 un: 4051-71', 2 - .5 - 2 MPF, 500 - 500 - 500 un.
 MW 8.8, vis 33, WL 16, PV 6, YP 3, Snd ½, Solids .95, PH 10.5, ALK: Pf .27 -
 Mf .9, Cl 3800, Ca 80, Gels 3/9, Cake 2/23, MBT 15, Chr 350. Cum csts \$88,779.
- 1-1-80 4688' Drlg (488' - 23 hrs).
 Drlg; Survey (3/4° @ 4425'); Service rig & check BOP; EGG 950 un,
 Conn gas 1050 un. MW 8.9+, vis 34, WL 18, PV 34, YP 8, Snd ½, Solids 3.94,
 PH 10.3, ALK: Pf 3.8 - Mf 12, Cl 400, Ca 80, Gels 4/10, Cake 2/32, MBT 12.4,
 Chr 350. Cum csts \$97,394.
- 1-2-80 5010' Drlg 7-7/8" hole. (322' - 23 hrs).
 Drlg; Rig service & check BOP's; Survey (1½° @ 4920'); Brks: 4724-37',
 1 - 1.5 - 3.5 MPF, 850 - 1000 - 850 un; 4749-61, 4 - 1 - 4.5 MPF, 750 - 750 -
 750 un; 4944-48', 4 - 2 - 5.5 MPF, 600 - 650 - 600 un; BGG 650 un, Conn 700 un.
 MW 9.2+, vis 37, WL 16, PV 8, YP 9, Snd ½, Solids 5, PH 9.8, ALK: Pf 4 - Mf 13.2,
 Cl 11,000, Ca 80, Gels 4/9, Cake 3/32, MBT 12.6, Chr 350. Cum csts \$106,265.
- 1-3-80 5255' Drlg 7-7/8" hole (245' - 16 hrs).
 Drlg; Rig service & BOP drill; Survey (1° @ 5175'); Round trip for bit
 #3; Strap put - depth on; Ream & wash to btm; BGG 550 un, Conn 600 un, Trip
 gas 1550 un. MW 9.2, vis 37, WL 16, PV 8, YP 11, Snd ½, Solids 5, PH 10.1,
 Alk: Pf 4.5 - Mf 14, Cl 11,000, Ca 40, Gels 4/9, Cake 2/32, MBT 15.49,
 Chr 500. Cum csts \$133,197.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

NATURAL BUTTES UNIT #34Y
(CICE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK.

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

SECTION 21-T9S-R20E

12. COUNTY OR PARISH 13. STATE

UINTAH UTAH

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GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

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

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.
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15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4785' UNGR. GR.

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

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Well spudded December 15, 1970. Monthly report of operations December 16, 1979, thru January 15, 1980. Please see attached chronological

RECEIVED

JAN 18 1980

DIVISION OF OIL, GAS & MINING

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

SIGNED R. W. Boswell
(This space for Federal or State office use)

TITLE Drilling Superintendent

DATE January 15, 1980

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

NBU GPE #34Y
 Bitter Creek Field
 Uintah County, Utah
 Interest: 0%, 50% BI
 ATD: 7200' SD: 12-15-79
 AFE: 11152
 GPE, Oper.
 9-5/8" @ 203' GL;
 4 1/2" @ 7200' KB.

LOCATION: SE/4, NW/4, Section 21, T9S,
 R20E. 1690' FNL, 1702' FWL.

TD: 7200';
 PBSD: 7168'

1-12-80 continued

RU Csg crew; Notes: (1) Schlumberger depth = 7206' (2) Will run pipe to TD 7206'. Preliminary evaluation of logs by geology dept indicate following intervals of interest:

- (1) 5456-65' (9') 10% porosity 58% SW; Gas Show
- (2) 5780'-5816' (36') 12% porosity; 59% Sw; Gas Show
- (3) 6012'-6025' (13') 11% porosity; 54% Sw; Gas show.
- (4) 6186'-90' (4') 9% porosity; 66% Sw; No Show
- (5) 6562'-88' (16') 10-13% porosity; 32-36% Sw; Gas Show
- (6) 6714'-28' (14') 13% porosity; 41% Sw; Gas Show.

MW 9.5, vis 39, WL 11.8, PV 12, YP 9, Solids 7.0, pH 10.3, ALK: Pf 5.8, MF 12.1, CL 7000, Gels 2/6, Cake 2/32, Cum Csts: \$232,389.

1-13-80 7200' TD; PBSD 7168'; RDRT.
 RU Csg crew; Run 230 jts 4 1/2" 11.6# N-80 8rd LT&C csg- tally= 7210.54'. Landed csg @ 7200' KB. Wait on 4 1/2" elevators from Vernal. RU Dowell- Circ well w/rig pmp; Dowell cmtd 4 1/2" csg w/1235 sx 50/50 pos mix w/8% gel, 10% salt, 5#/sk Kolite, 1/4#/sk D-29. Slurrywt 12.9#/gal. Tailed in w/1120 sx 50/50 poz mix w/2% gel, 10% salt, 1/4#/sk D-29. Displd w/111 bbls 2% KCl wtr. Note: Used 20 bbls spacer 1000 & 20 bbls CW 100 ahead of cmt. Slurry wt= 14.3#/gal. Had circ throughout job. Circ 110 bbls good cmt to surface pit. PD @ 5:39 PM 1/12/80. Set slips on 4 1/2" csg w/80% wt on slips (80% wt= 60,000#). ND BOP equipment; clean mud tanks; RDRT. Rig released @ 12:00 midnight 1/12/80-1/13/80. Cum Csts: \$321,720.

1-14-80 7206' TD; PBSD 7168'; RD & move to 35-Y;
 RD & move to 35Y Jones Trucking; SD 4 PM 1-13 to 8 AM 1-14-80 (14 hrs) WOC; PD 5:39 PM 1-12-80. Rig Rel 12 midnite 1-12-80. Off Report. Cum Csts: \$326,445.

2-2-80 TD: 7200' PBSD: 7147'. WOC truck.
 Run CCL, GBL, VBL. PBSD - 208' (7139') WL 7147'. Looks like very good cmt from PBSD to 1000'.

2-10-80 RU Dowell, Schlumberger; prep to perf (5460'-6724').
 No activity.

2-11-80 7206'; Flw to pit 32/64".
 RU Dowell, press csg, tbg head & frac valve 6000 psi hole 5" ok- bled off. RU Schl- thaw frac valve. Perf 3-3/8" csg gun 13 shots 6724, 20, 16, 6585, 78, 65, 5808, 04, 01, 5795, 88, 5464, 60; RD Schl, RU Dowell & test 6000 psi; start acid job 2600 gal, 62 bbl 7 1/2% MSR, 25 ball sealers evenly spaced; broke dwn 3800 psi @ 5 bbl/min, to 2800 psi @ 5 bbl/min; Incr to 6 bbl/min @ 2800 psi. Cum Csts: \$14,133.

bbl in	press	rate (BBL/min)
13	2900	7
25	3100	8
29	3300	9
36	3300	9.3
43	3000	10.0
62	2700	8.5
	Start flush	
85	2700	9.0
121	6000	1.5 ball action
	SI 1/2 min press dropped to 2300 psi.	
123	3100	7.0
151	3500	7.0
166	3600	7.5 end job.

Top acid to lowest perfs; ISIP 2700 psig, 5 min 2500 psi, 10 min 2500 psi.

ND Dowell; opn topits on 18/64; 62 bbl acid
 104 bbl 5% KCl
 104 bbl in hole when std
 270 bbl total

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

NATURAL BUTTES UNIT #34Y
(CIGE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK

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

SECTION 21-T9S-R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

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

At surface

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.

43-047-30523

15. ELEVATIONS (Show whether DF, RT, CS, etc.)

4785' UNGR. GR.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Status

(Other)

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological for report of operations from January 16, through February 15, 1980.

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED

Jim F. McCormick
J. F. MCCORMICK

TITLE Drilling Superintendent

DATE February 18, 1980

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE STATE*
(Other Instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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SUNDRY NOTICES AND REPORTS ON WELLS

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological for report of operations February 16 through March 15, 1980.

RECEIVED
MAR 24 1980
DIVISION OF
OIL, GAS & MINING

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE March 18, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NBU GPE #34Y

Bitter Creek Field

Uintah County, Utah

Interest: 0%, 50% BI

ATD: 7200' SD: 12-15-79

AFE: 11152

GPE, Oper.

9-5/8" @ 203' GL; 4 1/2" @ 7200' KB.

LOCATION: SE/4, NW/4, Section 21, T9S,
R20E. 1690' FNL, 1702' FWL.

TD: 7200';

PBSD: 7168';

2-12-80 Opn to pit.

Very weak blw- shut in to build upress; had 825 psi SICP; opn on 48/64" choke; hvy mist- 5 min- then died- left opn on 32/64" choke.

2-13-80 Flw to pit;

slight blw- no wtr- loaded up.

2-14-80 Opn to pit.

Same. slight blw- should move in Newsco coiled tbg unit today.

2-15-80 Flow to pit on orifice tester.RU Newsco to blow dn perfs 5460-6724'. TIH w/coiled tbg to 6800'. FL @ 6200'. Top inj press 4000 psi. Us 110,000 SCF N₂. POH, let well flow to pit. Cum csts \$18,394.2-17-80 TD 7206'; Well SI for press build-up- WO Frac.

2-16-80: Flwg to pit 48/64 ck- dry gas 48.8 MCFD w/3/8" orifice. 2-17-80: Well SI @ 3:00 PM for press build-up.

2-18-80 Shut in- WO Frac.

shut in 3 PM Saturday.

2-19-80 SI, WO frac; had 835 SICP.

Same.

2-21-80 SI; WO frac;

Same.

2-22-80 SI; WO frac;

Same.

2-24 & 25-80 SI- WO frac

Same.

2-26-80 SI; WO frac.

Same. SICP 2175 psi.

2-27-80 WO frac- weather- too muddy.

Same.

2-28 thru 3-8-80 WO frac.3-9-80 Well shut;

Unload 115 jts 2-3/8 4.7# J-55; kill well w/15 bbls 10# brine wtr; run notch collar 1 jt & SN & 164 jts 4.7 J-55 Landed @ 5105'; SN @ 5075' w/10' Baker blast jt on top; ND BOP's, NU tree; RD Gibson Release rig @ 4:PM. Cum Csts: \$46,392.

3-10-80 Prep to MI completion rig.

MI Gibson Serv; RU same; Unload 105 jt 4.7 2-3/8 K-55; RU pmp & tank; NU BOP's; left well opn to pit on 32/64" choke. Cum Csts: \$20,712.

3-12-80 Prep to frac.

RU Howco to frac.

3-13-80 7206'; Prep to opn well to pit.

RU Howco press tst to 6000 psi; Frac as follows 71,000 gal versagel fluid w/5% KCl- 1/2 gal/1000 Tri-S surfactant- .4% CL1-11 fluid loss- 140,000# 20/40 sand 1-4 ppg; flush w/5000 gal 5% KCl Complete @ 10:27 AM 3/12/80; A P 5900; AIR 30 BPM; Max 6000 psi, Max 36 BPM; ISIP 2600 15" 2540; RD Howco; SIFN Job done as follows: 15,000 gal PAD, 14,000 gal Gel-- 1#/gal Sand, 14,000 gal gel - 2#, 14,000 gal gel - 3#, 14,000 gal Gel - 4#, 5000 5% KCl flush. Cum Csts: \$101,271.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS
(Other Instruct.
verse side)

CATE*
on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

NATURAL BUTTES UNIT #34Y
(CICE 28-21-9-20)

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12. COUNTY OR PARISH

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13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

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

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.
43-047-30523

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4785' UNGR. GR.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

STATUS:

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached Chronological Report for operations March 16 through April 15, 1980.

RECEIVED

APR 21 1980

DIVISION OF OIL, GAS & MINING

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

SIGNED

C. A. Hansen
C. A. Hansen

TITLE Drilling Engineer

DATE

April 16, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NBU GPE #34Y

Bitter Creek Field

Uintah County, Utah

Interest: 0%, 50% BI

ATD: 7200' SD: 12-15-79

AFE: 11152

Coastal Oil & Gas Corp., Oper.

9-5/8" @ 203' GL; 4½" @ 7200' KB.

LOCATION: SE/4, NW/4, Section 21, T9S, R20E.
1690' FNL, 1702' FWL,

TD: 7200';

PBSD: 7168';

3-15-80 FCP 75 psi; FTP 0; flwg fluid.3-17-80 Flwg;
FTP 0; 500 SICP - slugging wtr; will run WL to check sand & FL.3-18-80 RUWL tag top of sand @ 6957'. Btm perf @ 6727'. Gas cut fluid in hole.
SI WO swb unit.3-19-80 SI - no report.3-20-80 SI - prep to MISU.3-21-80 SI - prep to MISU.3-22-80 MIRUSU. PU & run 12 jts 2-3/8" x 4.7# x J-55 tbg. Landed tbg @ 5447'. SN
@ 5416. Swb, Rec 4 bbls GCW. Blew to pit for 2 hrs. Swb, Rec 18 bbls GCW.
FFL = 4500'. SI.3-23-80 SI.3-24-80 RDSU. SITP 1400 psi. SICP 1400 psi. WO wtr analysis.3-25-80 Wtr analysis.
Sample 1 pH 6.8; Rw .31; SG 1.03; CL⁻ 11,531 mg/L; Ca⁺⁺ 154; Mg⁺ 358; Carb nil;
Bicarb 473; Sample 2 pH 6.5; Rw .32; SG 1.03; Cl⁻ 11709; Ca⁺⁺ 133; Mg⁺ 301; carb
nil; bicarb 503.3-26-80 SITP 1700, SICP 1700.3-31-80 SI.
3-29-80: SITP 2300 psi; SICP 2300 psi;
3-30-80: SITP 2300 psi; SICP 2300 psi;
3-31-80: SITP 2300 psi; SICP 2300 psi.

WO remedial work. Drop from report.

4-16-80 Prep to acidize.Road rig to loc (Gibson Well Serv); Kill well w/60 bbl 10 ppg brine - ND tree,
NU BOPE - POOH w/2-3/8" tbg; RU GO wireline; perf 6014, 6018, 6022 w/2 spf; 3-1/8"
csg gun; RD GO, RU; TIH w/RTTS and retrievable BP; Set plug @ 6088'. Pkr @ 5901'. SDFN.
Csts: \$7037.4-17-80 7206'; Prep to swb tst perms 6014-6022;
RU Wester and tstd plug and pkr to 3500 psi w/plug @ 6088 and pkr @ 6055; Pulled
2 tsds - spot acid and set pkr @ 5933'. Acidized perf's 6014-6022 (6 holes) w/1200 gal
7½% HCl w/additives (WFC-1 acid) and sipl w/25 bbls 2% KCl. BDP - 3400 psi @ 3 BPM. ATP
2500 @ 3 BPM, ISIP 1800 psi 15 min - 1700 psi. Well SI - RU to flw to pit; flwd to pit
on 16/64 choke; FTP 1300 to 0; Well dead after 4 hrs. Rec 15 BL; lack 39 BL; Note:
Annulus opn and dead. Cum Csts: \$10,358.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		8. FARM OR LEASE NAME NATURAL BUTTES	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		9. WELL NO. NATURAL BUTTES UNIT #34Y (CICE 28-21-9-20)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1690' FNL & 1702' FWL SECTION 21-T9S-R20E		10. FIELD AND POOL, OR WILDCAT BITTER CREEK	
14. PERMIT NO. 43-047-30523		15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4785' UNGR. GR.	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 21-T9S-R20E	12. COUNTY OR PARISH UINTAH
			13. STATE UTAH

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

April 16, 1980 - May 15, 1980
SI evaluating for possible additional work.

RECEIVED
MAY 20 1980
DIVISION OF
OIL, GAS & MINING

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE May 16, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
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GEOLOGICAL SURVEY

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(Other instructions on re-
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SUNDRY NOTICES AND REPORTS ON WELLS

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<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Coastal Oil & Gas Corporation*</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1690' FNL & 1702' FWL SECTION 21-T9S-R20E</p> <p>14. PERMIT NO. 43-047-30523</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-0144869</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME SURFACE: UTE TRIBE</p> <p>7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT</p> <p>8. FARM OR LEASE NAME NATURAL BUTTES</p> <p>9. WELL NO. NATURAL BUTTES UNIT #34Y (CICE 28-21-9-20)</p> <p>10. FIELD AND POOL, OR WILDCAT BITTER CREEK</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 21-T9S-R20E</p> <p>12. COUNTY OR PARISH 13. STATE UINTAH UTAH</p>
<p>15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4785' UNGR. GR.</p>	

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*Formerly Gas Producing Enterprises, Inc.

May 16 - June 15, 1980

SI. Evaluating for possible additional work

RECEIVED
JUN 24 1980

OIL AND GAS DIVISION

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

SIGNED <u>C. A. Hansen</u>	TITLE <u>Drilling Engineer</u>	DATE <u>June 16, 1980</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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U-0144869

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July 16 - July 15, 1980

Well SI. Evaluating for possible additional work.

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE July 17, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

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

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.
43-047-30523

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4785' UNGR. GR.

5. LEASE DESIGNATION AND SERIAL NO.
U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
NATURAL BUTTES UNIT #34Y
(CICE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK

11. SEC., T., R., M., OR BLS. AND SURVEY OR AREA
SECTION 21-T9S-R20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

June 16 - July 15, 1980

Well SI. Evaluating for possible additional work.

(August 20, 1980 - Resubmitted with corrected operator and dates)

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE July 17, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

Plug Back

PLUGGING PROGRAM

NAME OF COMPANY: Belco Petroleum Corporation (Frank Midkiff 303-572-1121)

WELL NAME: Natural Buttes Unit #34Y

SECTION 21 SE NW TOWNSHIP 9S RANGE 20E COUNTY Uintah

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 7200'

CASING PROGRAM:

9 5/8" @ 203' cemented to surf
4 1/2" @ 7200' TOC 1000'
fish @ 5854' - 5907'

FORMATION TOPS:

Green River 1700'
Wasatch 5154'

perfs: 5460' - 6724' shows: 5456' - 6728'
6734' - 6716'
5788' - 5805'
5460' - 5464'
6014' - 6022'

PLUGS SET AS FOLLOWS:

In place: 7200' - 7168'

Set:

- 1) set CIBP @ 5090' and place 10 sx cement on top; pressure test to discover any leaks prior to any Green River testing.

DATE August 19, 1980

SIGNED

M. J. Minder

cc: USGS

9A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

NATURAL BUTTES UNIT #34Y
(CICE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK.

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

SECTION 21-T9S-R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

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

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.
43-047-30523

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4785' UNGR. GR.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Status

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

July 16 - August 15, 1980

SI pending evaluation of further work.

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

SIGNED

J. F. McCormick

J. F. McCormick

(This space for Federal or State office use)

TITLE Drilling Superintendent

DATE August 20, 1980

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRICATE*
(Other instruct on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE: UTE TRIBE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

NATURAL BUTTES UNIT #34Y
(CICE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK

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

SECTION: 21-T9S-R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
COASTAL OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

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

1690' FNL & 1702' FWL SECTION 21-T9S-R20E

14. PERMIT NO.
43-047-30523

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4785' UNGR. GR.

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Temporarily Abandon

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Verbal approval to temporarily abandon well in the Wasatch received from Bill Martens, U.S.G.S., and Mike Minder, State of Utah, on August 19, 1980. Well to be TA'd as follows: Set CIBP in 4 1/2" casing with wireline at 5090' and cap with 10' cement to be run with dump bailer with PBD at 5080'. Well to be studied for recompletion attempt in the Green River.

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

SIGNED

F. R. Midkiff
F. R. Midkiff

TITLE Production Superintendent

DATE August 21, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other abandoned

2. NAME OF OPERATOR
COASTAL OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1690' FNL & 1702' FWL SE NW
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. 30509 DATE ISSUED 11-15-78
43-047-30529

5. LEASE DESIGNATION AND SERIAL NO.
U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe Surface

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes

9. WELL NO.
Natural Buttes Unit #34Y (CIGE 28-21-9-20)

10. FIELD AND POOL, OR WILDCAT
Natural Buttes Field

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 21-T9S-R20E

12. COUNTY OR PARISH
Uintah 13. STATE
Utah

15. DATE SPUDDED 12-15-79 16. DATE T.D. REACHED 1-11-80 17. DATE COMPL. (Ready to prod.) N/A* 18. ELEVATIONS (DF, R&B, ET, GR, ETC.)* 4785' Ungr. Gr. 19. ELEV. CASINGHEAD Unknown

20. TOTAL DEPTH, MD & TVD 7206' 21. PLUG, BACK T.D., MD & TVD 5080' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS 203'-TD CABLE TOOLS 0-203'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
*Well temporarily abandoned as non-commercial in Wasatch - no production; gas TSTM 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL, CCL, CBL, VDL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	43.5#	203'	12-1/4"	120 sacks Class "H"	
4-1/2"	11.6#	7206'	7-7/8"	2355 sacks 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
				N/A

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	N/A	

31. PERFORATION RECORD (Interval, size and number) Perf w/3-3/8" casing gun w/1 SPF at: 6724', 6720', 6716, 6585', 6578', 6565', 5808', 5804', 5801', 5795', 5788', 5464', 5460' = total 13 holes. Perf at: 6022', 6018', 6014' w/2 SPF = total 6 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6724-5460'	Acidized w/166 bbls 5% KCl wtr. Frac w/71,000 gals Versagel + 140,000# 20/40 sand. Flush w/ 5000 gals 5% KCl.
6014-6022'	

33.* PRODUCTION Acidized w/1200 gals 7 1/2%

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
<u>None</u>	<u>Gas TSTM</u>	<u>TA</u>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A TEST WITNESSED BY

35. LIST OF ATTACHMENTS
None

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

SIGNED E. R. Midkiff TITLE Production Superintendent DATE August 21, 1980

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

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
				723'	
				5154'	
				Green River	
				Wasatch	

38. GEOLOGIC MARKERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other Instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

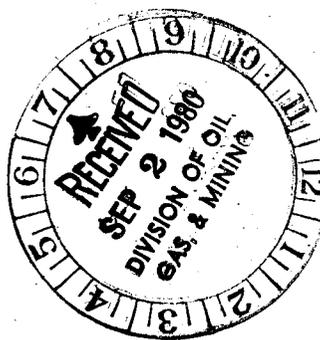
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0144869	
2. NAME OF OPERATOR COASTAL OIL & GAS CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME SURFACE: UTE TRIBE	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1690' FNL & 1702' FWL SECTION 21-T9S-R20E		8. FARM OR LEASE NAME NATURAL BUTTES	
14. PERMIT NO. 43-047-30523		9. WELL NO. NATURAL BUTTES UNIT #34Y (CIGE 28-21-9-20)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4785' UNGR. GR.		10. FIELD AND POOL, OR WILDCAT BITTER CREEK	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 21-T9S-R20E	
		12. COUNTY OR PARISH UINTAH	
		13. STATE UTAH	

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-26-80 Well TA - Transferred Operations to Belco.
On 8-25-80 MI & RU McCullough. RIH w/Baker CIBP & set in 4 1/2" @ 5090'
w/WL. Dumped 1 sx cmt on top of plug w/WL dump bailer - 10' of fill w/BTD @ 5080'
RD McCullough. Installed Belco valve at surface and transferred operations to
Belco. Final Report.



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

SIGNED F. R. Midkiff TITLE Prod. Superintendent DATE August 28, 1980
F. R. Midkiff
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX X VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1690' FNL & 1702' FWL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input checked="" type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Surface

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME

9. WELL NO. (CIGE 28-21-9-20)
NBU 34-Y

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 21, T9S, R20E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.
43-047-30523

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4785' G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Belco proposes to change zones and recomplete this well. It is proposed to perforate and fracture treat the M-4 and M-9 zones of the Green River formation in 2 stages. Perf and treat 4824-26' and 4733-35'. (CIBP @ 5090', 1 sack cem on top, PBSD 5080'.)

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE 9-10-1980
Alan B. [Signature]
BY: _____

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE District Engineer DATE September 9, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Belco Petroleum Corporation

Belco

September 9, 1980

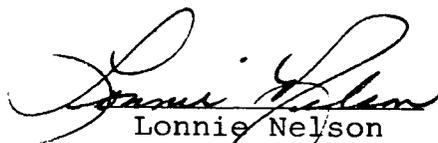
Attention: Mr. Bill Martens
United States Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Recompletion of NBU 34-Y
(CIGE 28-21-9-20)
Section 21, T9S, R20E
Uintah County, Utah

Dear Sir;

As per our telephone conversation of September 4, 1980, we are requesting approval to change zones and recomplete the above referenced well in the Green River formation.

Very truly yours,
BELCO PETROLEUM CORPORATION


Lonnie Nelson
Engineering Clerk

Attachments

xc: **Dept. of Natural Resources**
Coastal Oil & Gas (CIGE, GPE)
Houston
file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other Instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0144869
2. NAME OF OPERATOR COASTAL OIL & GAS CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME SURFACE: UTE TRIBE
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1690' FNL & 1702' FWL SECTION 21-T9S-R20E		8. FARM OR LEASE NAME NATURAL BUTTES
14. PERMIT NO. 43-047-30523	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4785' UNGR. GR.	9. WELL NO. NATURAL BUTTES UNIT #34Y (CICE 28-21-9-20)
		10. FIELD AND POOL, OR WILDCAT BITTER CREEK.
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 21-T9S-R20E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

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

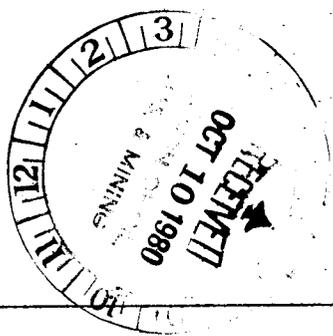
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to place an 8' X 42' trailer and a 90 bbl storage tank on this location at a point which will not interfere with Belco's activities at the wellbore.

The trailer will be equipped with electricity and is to be used solely as a doghouse. The 90-bbl tank will be used for storage of methanol to be used in unit production operations.



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

SIGNED F. R. Midkiff TITLE Prod. Superintendent DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-0144869	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Surface - Ute Tribe	
2. NAME OF OPERATOR BELCO PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P. O. BOX X, VERNAL, UTAH 84078		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1690' FNL & 1702' FWL At top prod. interval reported below SAME At total depth SAME		9. WELL NO. NBU 34-Y (CIGE 28-21-9-20)	
14. PERMIT NO. 43-047-30523		10. FIELD AND POOL, OR WILDCAT	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 21, T9S, R20E	
12. COUNTY OR PARISH Uintah		13. STATE Utah	
15. DATE SPUDDED 12-15-79	16. DATE T.D. REACHED 1-11-80	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4785' Nat. G.L.
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 7206'		
21. PLUG, BACK T.D., MD & TVD 5080'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	19. ELEV. CASINGHEAD 203' - TD 0-203'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4733-35 M-4 zone Green River			25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL			27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	43.5#	203'	12 1/4"	120 sx class "H"	
4 1/2"	11.6#	7206'	7 7/8"	2355 sx 50-50 Pozmix	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4753.65	

31. PERFORATION RECORD (Interval, size and number) 4733-35' 8 holes 4824-26' 8 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	4824-26	Bridged off-Did not frac
	4733-35	17,720 gal DC & 9840# sand

33.* PRODUCTION

DATE FIRST PRODUCTION 10-19-80	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 10-20-80	HOURS TESTED 12	CHOKE SIZE 15-64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 37	GAS—MCF. 39	WATER—BBL. TSTM	GAS-OIL RATIO 1054 cf/bbl
FLOW. TUBING PRESS. 90	CASING PRESSURE pkr	CALCULATED 24-HOUR RATE →	OIL—BBL. 74	GAS—MCF. 78	WATER—BBL. TSTM	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Rick Schatz	

35. LIST OF ATTACHMENTS

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

SIGNED: J. C. Ball TITLE District Engineer DATE 10-22-80

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

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Natural Buttes Unit No. 34Y*

Operator Coastal Oil & Gas Corporation Address P. O. Box 749, Denver, Co. 80201

Contractor J. A. Masek Drilling Co. Address Suite 1675, 410 17th, Denver, Co. 80202

Location SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21 T. 9S R. 20E County Uintah

*Permitted originally as CIGE 28-21-9-20

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.			
2.		NONE ENCOUNTERED	
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops

Green River - 1723'
Wasatch - 5154'

Remarks

Well temporarily abandoned as non-commercial in Wasatch (TSTM). Well being studied for re-completion in Green River.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

NDC 40-30 cont

5218'

5337'

6' above shoe 5692'

Mud cost \$17,500
AFE (csg pt) \$200,000
Cost (csg pt) \$160,606
CUM cost \$227,580

DC 11-16GR (DW-OIL)
Duck Creek Field
Uintah County, Utah
5215' Green River
Jacobs #2
Belco WI 100%

204' GL (0') l. Drilling out surface @ 7:00 a.m.
AFE (csg pt) \$179,000
CUM cost \$31,564

CWU 42-13 (DW-GAS)
Chapita Wells Unit
Uintah County, Utah
6272' Wasatch
Chandler & Assoc #1
Belco WI 100%

200' (0') l. MIRT.
AFE (csg pt) \$214,000
CUM cost \$30,000

WAITING ON COMPLETION

- ✓ Natural Duck 6-15
- ✓ Natural Duck 9-15
- ✓ Duck Creek 18-16

COMPLETIONS

CWU 52-33 (DW-GAS)
Chapita Wells Unit
Uintah County, Utah
7945' PBD (Mesaverde)
NL Well Service
Belco WI 100%

SI. Report #12.
Sun Oil Tool ran BH press test gradient on trip out; BH press after 24 hrs 2994-psi @ 174°. Inc approx 124 psi/hr w/no peak observed. Gradient indicates fluid level @ approx 6060'. Tubing press @ 4:30 p.m. 10/2/80, 2112 psi. This a.m.: TP-2500, CP-0.
AFE (comp) \$539,000
CUM cost \$504,467

NBU 34-Y (DW-OIL)
Natural Buttes Field
Uintah County, Utah
5080' PBD (Green River)
Utah Well Service
Belco WI 100%

Swab Testing. Report #6.
Made 7 swab runs for 3½ bbls, initial fluid level @ 4000'. Pulled 2½ bbls on last 3 runs, 75% wtr 22500, 25% crude @ API gravity 37 @ 120°. This a.m.: Pulled ½ bbls from seat nipple, 85% water @ 25,000 ch, 15% crude, gravity 35 @ 140°. AFE (comp) \$299,000
CUM cost \$85,184

9520-31
T.H.

Belco Petroleum Corporation



October 22, 1980

Mr. E. W. Guynn-District Engineer
United States Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

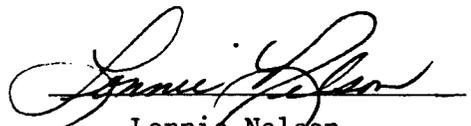
RE: NBU 34-Y (CIGE 28-21-9-20)
Section 21, T9S, R20E
Uintah County, Utah

Dear Sir:

Attached please find the Recompletion Report for the subject well, filed in duplicate. Belco Petroleum Corporation recently assumed designation of operator from Coastal Oil and Gas Corporation on this well.

Belco recompleted this well in the Green River formation for oil production.

Very truly yours,
BELCO PETROLEUM CORPORATION


Lonnie Nelson
Engineering Clerk

Attachments

xc: Division of Oil, Gas and Mining
Houston
Denver
file

RECEIVED

OCT 23 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1690' FNL & 1702' FWL SE/NW
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE * SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Natural Buttes Field

9. WELL NO. (CIGE 28-21-9-20)
NBU 34-Y

10. FIELD OR WILDCAT NAME
Green River Natural Buttes- Formation

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T9S, R20E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30523

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4785' GL

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	PRODUCTION FACILITIES APPROVAL	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attachments for:

1. Supplement to 13 Point Surface Use Plan.
2. Production facilities schematic, Diagram A.
3. Topo Map

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED J. C. Ball TITLE District Engineer DATE 3-19-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NBU 34-Y (CIGE 28-21-9-20)
1690' FNL & 1702' FWL' SE/NE
SECTION 21, T9S, R20E
JUNTAH COUNTY, UTAH

SUPPLEMENT TO 13 POINT SURFACE USE PLAN

POINT 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

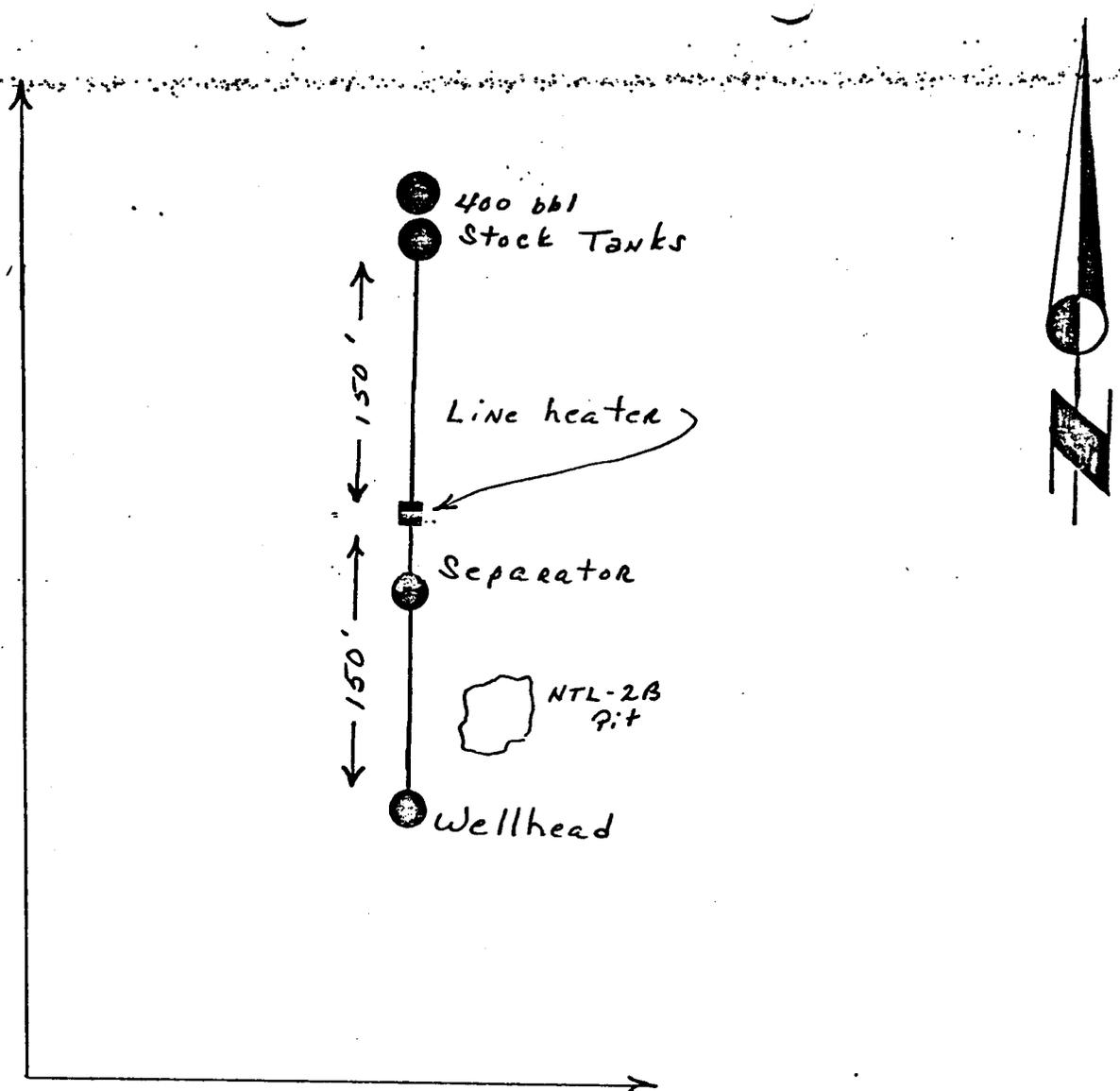
A. See attached map showing:

1. Tank Batteries: DC 3-16GR, DC 5-16GR, DC 6-16GR, DC 7-16GR,
DC 11-16GR, DC 14-16GR, DC 16-16GR,
ND 1-15GR (DC 2-15), ND 3-15GR, ND 4-21GR,
ND 8-15GR, NB 2-15,
2. Production facilities: Same as above.
3. Oil gathering lines: See attached map.
4. Gas gathering lines: None.
5. Injection lines: None.
6. Disposal lines: None.

B.

1. Wellhead, pumping unit, separator, line heater and stock tanks are all situated on the location pad, see attached diagram A.
- 2 & 3. See Diagram A.
4. Guard rails installed around pumping units. Pits will be fenced and overhead flagged as necessary.

- C. Plan for Rehabilitation of disturbed area: Stockpiled topsoil will be spread over any area not required for production operations of the well. At the time production operations cease, the entire area and road will be returned as near as possible to it's original condition and reseeded in accordance with BIA specifications.



CIGE 28-21-9-20
(NBU 34-Y)
SECTION 21, T9S, R20E
UINTAH COUNTY, UTAH

PRODUCTION FACILITIES SCHEMATIC

5

NDC 40-30GR cont

HP used 662. HOWCO cost \$2080.
Open tbg to pit after 20 mins SI. Flowed back
2½ bbls. Swab report: Made 9 runs in 7 hrs.
Recovered 44½ bbls of D&C. Pulled from SN 7th
run, rec 1½ bbls w/light gas cut. Made run
@ 3:30 p.m., pulled 2½ bbls D&C, no crude.
Made run @ 5:00 p.m., pulled 1½ bbls D&C, no crude.
BLR 96 BLTR 97 Left tbg open to 400 bbl tank
overnight, no fluid. This a.m., TP-0, CP-0,
FL @ 3400', pulled 9 bbls of D&C.
AFE (comp) \$477,000
CUM cost \$251,137

DC 11-16GR (DW-OIL)
Duck Creek Field
Uintah County, Utah
5003' PBDT (Green River)
Utah Rental Tool
Belco WI 100%

POH. Report #2
Unload, tally & pick up tbg. TIH w/4 7/8" bit
and 5½" csg scraper to PBDT @ 5003' KB. Displace
hole w/110 bbls D&C. BLTR 110 BLR 0
AFE (comp) \$489,000
CUM cost \$206,704

ND 6-15GR (DW-OIL)
Natural Duck Field
Uintah County, Utah

Production. Report #14
Cost correction.
AFE (comp) \$451,000
CUM cost \$355,438

NBU 34-Y (DW-OIL)
Natural Buttes Field
Uintah County, Utah
4800' PBDT (Green River)
M&R Well Service
Belco WI 100%

Hang well on.
Killed well w/D&C. TIH w/pump and rods, seated
pump and SI with 1½ polish rod & stuffing box.
ROD DETAIL:

10	7/8" Rods
110	3/4" Rods
56	7/8" Rods
1	7/8" x 4' Pony
	1½ x 22' Polish Rod

Pump Installed: NS 901 2 x 1½ x 16 x 5
AFE (comp) \$299,000
CUM cost \$247,505

95202 #21

OUTSIDE OPERATED

LOVE UNIT A1-18 (DW-GAS)
Natural Buttes Field
Uintah County, Utah
6400' Mesaverde
Cotton Petroleum
BELCO WI 33.33%

11-12-80
SIP from 12:00 a.m. to 7:00 a.m., 25#, H₂O level
was at surface, swab 8 hrs, rec 30 BW, 2700 BW
left to recover.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P.O. BOX X, VERNAL, UTAH

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1690' FNL & 1702' FWL SE/NW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0144869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
NBU 34-Y (C) G 28-21-9-200

10. FIELD OR WILDCAT NAME
NBU

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
SEC 21, T9S, R30E

12. COUNTY OR PARISH STATE
UINTAH UTAH

14. API NO.
43-047-3052

15. ELEVATIONS (SHOW DEPTHS AND WD)
4785' NAT

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) EXTENSION NTL-2B - SECTION IV-#4	

MAR 6 8 1980

DIVISION OF

(NOTE: Report results of multiple completion or zone change on Form 9-330-330)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- The subject well produces less than 1 BWPD from the Green River fm.
- The pit is located on the location pad at the well site.
- The evaporation rate for the area, compensated for annual rainfall, is approximately 70 inches per year.
- The percolation rate for the area is from 2 to 6 inches per year.
- The areal extent and depth of water containing less than 10,000 ppm TDS is unknown.
- The pit is approximately 20'x20' tapering to 15' at depth of 5'.

Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED Kathy Spurgeon TITLE ENG CLERK DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THOMAS J. MIMBRO
OF UTAH
OIL, GAS AND MINING
DATE: _____
BY: _____

*See Instructions on Reverse Side

UTAH STATE
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

092647

INSPECTION RECORD-- PRODUCING

T. 9S R. 20E SEC. 21
SE/NW
COUNTY Kintah
FIELD _____
INSPECTOR Goodwin
INC ISSUED _____

WELL NAME NAYL Buttes 34-Y
LEASE NO. _____
UNIT NAME & NO. _____
OPERATOR Belco (BelNorth)
DATE 4/2/84

A. GENERAL

1. Well Signs.....
2. Well Equipment Satisfactory.....
3. Environmental Protection Satisfactory:
(fire hazards)(erosion)(air)(water)(solid waste)
(bioc).
4. Temporary or Emergency Pits Satisfactory.....
5. Lease Free of Evidence of Spills/Discharge/
Seepage.....
6. Dikes Around Tanks, if Required.....
7. Flow Lines Buried, if Required.....
8. All Surface Use Approved and Not Excessive.....
9. Does Current 9-329 Confirm Reasonableness of:
 - a. Production vs. Sales.....
 - b. Tank Capacity vs. Inventory.....
 - c. Reported Well Status vs. Actual.....

YES	NO	I	A	W	N	H
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						

LEASE REQUIREMENTS

- (4.) Emergency Pits Approved _____
- (b.) Are Dikes Around Tanks Required?
Yes _____ No _____
- (7.) Is Burial of Flow Lines Required?
Yes _____ No _____

SALES APPROVAL INFORMATION:

- OIL:
- (10.) Sale by LACT Unit Approval _____
 - (13.) Seals on All Tank Access Lines
Required? Yes _____ No _____
 - (14.) On Lease Storage Approved _____
Off-Lease Storage Approved _____
if Off Lease - Measurement Is:
 - (15.) Off Lease On Lease
 - (16.) Commingling: Not Approved
On Lease Approval _____
Off Lease Approval _____

GAS:

- (13.) Special Restrictions Applicable
Yes _____ No _____
- (22.) On Lease Sales
- (22.) Off Lease Sales Approval _____
- (23.) Liquid Collection From Drips
Required? Yes _____ No _____

OTHER REQUIREMENTS

- (24.) NTL-28 Not Applicable
Applicable Approval _____
- Hydrogen Sulfide Operations:
Analysis:
Gas Screen _____ PPM
STV _____ PPM
- (29.) Is a Contingency Plan Required?
Yes _____ No _____

B. LIQUID HYDROCARBON PRODUCTION

10. Method of Measurement:
(A) LACT Meter; (B) Tank Gauge; (C) Other: A B C
11. Method of Measurement Satisfactory.....
12. Liquid Handling Equipment Satisfactory.....
13. All Lines Leaving Tankage Sealed/Locked.....
14. Production Stored on Lease, if Required.....
15. Production Measured on Lease, if Required.....
16. Commingling as Approved.....

<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						

C. NATURAL GAS PRODUCTION

17. Type of Gas Production:
(A) Gas Well; (B) Casinghead..... A B C
18. Gas Disposition:
(A) Sold; (B) Flared/Vented; (C) Used on Lease;
(D) Other..... A B C D
19. Method of Measurement:
(A) Orifice Meter; (B) Turbine Meter; (C) Specimined;
(D) Other..... A B C D
20. Method of Measurement Satisfactory.....
21. Gas Handling/Treating Equipment Satisfactory.....
22. Production Measured on Lease, if Required.....
23. Liquids Collected From Drips, if Required.....

<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						
<input checked="" type="checkbox"/>						

D. WATER DISPOSAL

24. Disposal Method:
(A) Unlined Pit; (B) Lined Pit; (C) Subsurface;
(D) Other..... A B C D
25. If Disposal by Pits, are Pits Satisfactory.....
26. Additional Disposal Facilities Satisfactory.....

<input checked="" type="checkbox"/>						

E. HYDROGEN SULFIDE OPERATIONS

27. Are Tank Batteries Properly Equipped.....
28. Are Warning Signs Properly Installed.....
29. If Required, is the Contingency Plan Available.....
30. Are Personnel Properly Protected.....

(S) Shut-in (W) Formal Warning (I) Informal Warning

REMARKS PUMPING well
Gas used on loc W
BUTANE
oil spill around heaters
of oil on flats pit

ENRON
Oil & Gas Company

020930

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

February 4, 1987

RECEIVED
FEB 06 1987

Ms. Tammy Searing
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Dear Ms. Searing,

To confirm our recent telephone conversation, effective December 31, 1986 Belco Development Corporation was merged with Enron Oil & Gas Company, a Delaware Corporation, the surviving corporate entity (Utah State I.D. Number N0401). Please adjust your records to reflect such change.

Also, please find enclosed a copy of the 1987 Return for Assessment which lists wells in the state of Utah which Belco Development Corporation had an interest.

If you have any questions, you may call me at 713-853-5518.

Very truly yours,



John Thomas
Governmental Royalties & Taxes

ENCLOSURE

cc: Don Fox



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• BELCO DEVELOPMENT CORP
P O BOX X
VERNAL UT 84078
ATTN: CATHERINE ANDERSON

Utah Account No. NO101

Report Period (Month/Year) 1 / 87

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
X CHAPITA WELL U 1-4 4304730660 05155 09S 22E 4	WSTC	✓			
X CHAPITA WELL U 1-5 4304730661 05160 09S 22E 5	WSTC	✓			
X CHAPITA WELL U 17 4304715062 05165 09S 22E 25	WSTC	✓			
X WHITE RIVER U 43-16 4304731354 05170 08S 22E 16	GRRV	✓			
X STAGECOACH 15-27 4304730604 05185 08S 21E 27	WSTC	✓			
X STAGECOACH 19-33 4304730657 05190 08S 21E 33	WSTC	✓			
X STAGECOACH 1 4715071 05195 08S 22E 32	WSTC	✓			
X STAGECOACH 2 4304715072 05200 08S 21E 28	WSTC	✓			
X STAGECOACH 5 4304715074 05210 09S 22E 17	WSTC	0			NOTICE TO P&A 10-3
X WESTBIT U 1 4301915047 05215 16S 25E 10	WSTC	✓			
X WESTBIT 2 4301915048 05220 16S 25E 9	WSTC	✓			
X NBU 14-30B 4304730295 05225 09S 21E 30	GRRV	✓			
X NBU 34Y 4304730509 05230 09S 20E (21)	GRRV	✓			OK ON CARD
TOTAL					

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Telephone

Authorized signature

ENRON Oil & Gas Company

P.O. Box X, Vernal, Utah 84078, Telephone (801) 789-0790

February 16, 1987

State of Utah
Division of Oil, Gas & Mining
355 W. North Temple
Salt Lake City, Utah

RECEIVED
FEB 20 1987

DIVISION OF
OIL, GAS & MINING

Attention: Ron Firth

Dear Mr. Firth:

This is to advise that Enron Oil and Gas has acquired the assets of the following companies:

Belco Development Corporation
Belco Petroleum - North America, Inc.
BelNorth Energy Corporation
BelNorth Petroleum Corporation
FEC Offshore Inventory Company
Florida Exploration Company
HNG Exploration Company
HNG Fossil Fuels Company
HNG Oil Company
HNG Oil (Sumatra) Inc.
IN Holdings, Inc.
InterNorth Exploration and Production Division
Ocelot Oil Company
Smitheastern Exploration Company

It is requested that all leases and well names be changed to reflect the new names. A list of affected lease numbers and well names is attached. Also, the bonding should be transferred to Enron Oil and Gas. Enron Oil and Gas Company, A Delaware Corporation, is wholly owned by Enron Corporation.

It is requested that 90 days be granted to have all the wells signs changed.

Also, attached is legal evidence of this ownership. If there are any questions or other information is needed please contact J. C. Ball at 789-0790 in the Vernal Office.

Sincerely yours,



J. C. Ball
District Superintendent

JCB:jl

cc A. C. Morris
D. Weaver
File
J. C. Ball
D. Wright

Part of the Enron Group of Energy Companies

Page 2

cc: Bureau of Land Management - Utah
Bureau of Land Management - Colorado
Bureau of Land Management - New Mexico
State of Utah
State of Colorado
State of New Mexico

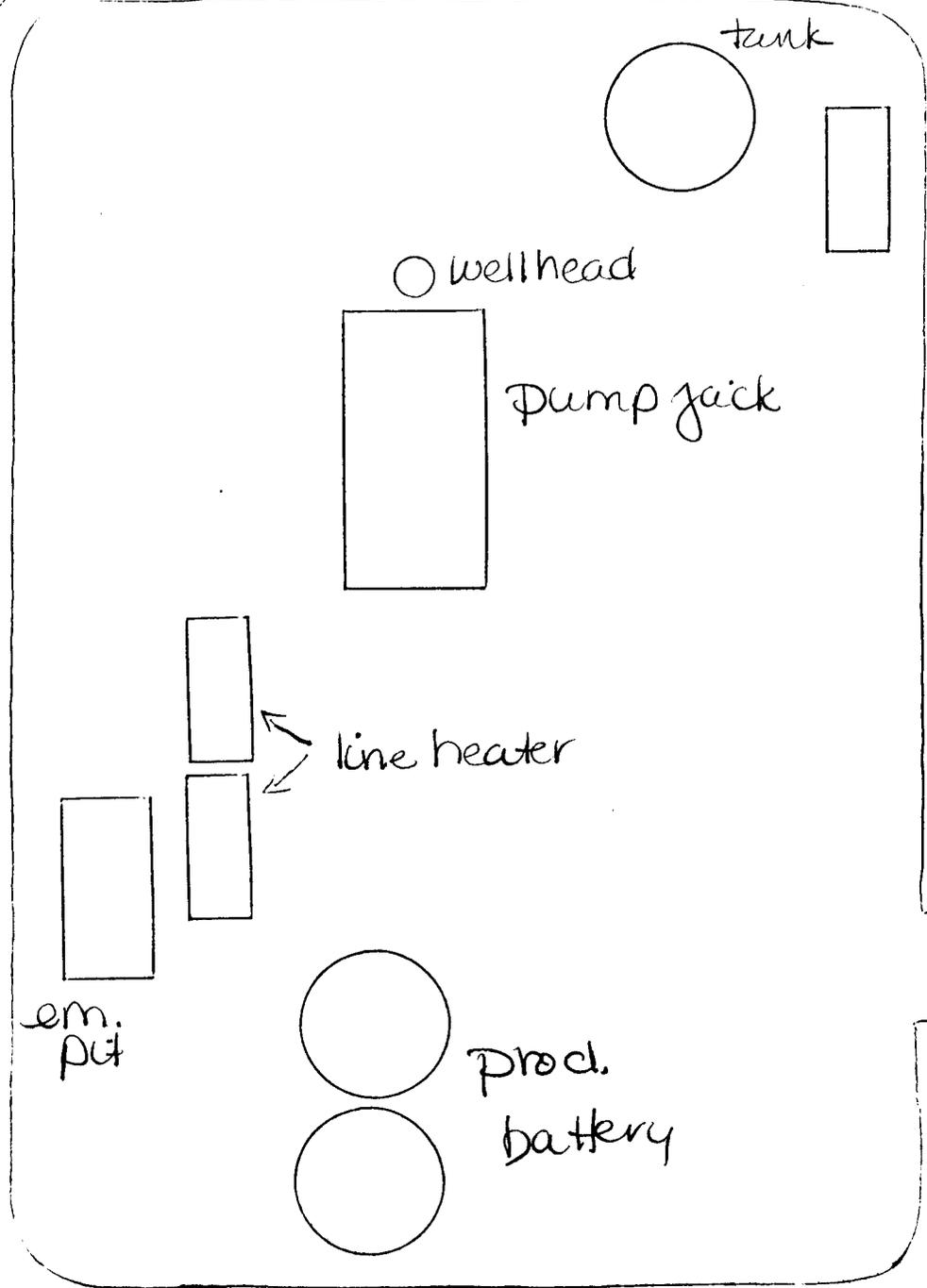
NBU 34Y

Sec 21, T9S, R20E

Brubly 1/9/89



stockpile



tank

costally
trailer
house

wellhead

pump jack

line heater

em.
pit

prod.
battery

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

5. LEASE DESIGNATION AND SERIAL NO.
UTAH 0144869

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OF LEASE NAME
NATURAL BUTTES

9. WELL NO.
34 Y

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
Sec. 21 T 9N, R 20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 1815 VERNAL, UT 84078

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

14. PERMIT NO.
43 047 30509

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

1690 FNL 1702 FWL

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

UNECONOMICAL TO PRODUCE



FEB 04 1992

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Cornel Hatch TITLE PRODUCTION ANALYST DATE 2-3-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0144869

6. If Indian, Allottee or Tribe Name
Ute Tribal Surface

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Natural Buttes 34-Y

9. API Well No.
43-047-30523-09

10. Field and Pool, or Exploratory Area
NBU/Green River

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Berry Ventures, Inc.

3. Address and Telephone No.
7060 South Yale Avenue, Suite 900, Tulsa, Oklahoma 74136-5742

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) (918) 492-1140
1690' FNL & 1702' FWL, SE $\frac{1}{4}$ NW $\frac{1}{4}$
Section 21-T9S-R20E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Change of Operator</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective October 1, 1993, Enron Oil & Gas Company assigned all of its right, title and interest in the above-described well to Berry Ventures, Inc.

Please be advised that Berry Ventures, Inc. is now considered to be the operator of the Natural Buttes 34-Y Well; SE/4NW/4 of Section 21, Township 9 South, Range 20 East; Lease U-0144869; Uintah County, Utah; and is responsible under the terms and conditions of the Lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Bond No. UT0949.

NOV 26 1993
DIVISION OF
OIL, GAS & MINING

RECEIVED
OCT 22 1993

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

Signed [Signature] Title President Date OCT 12 1993

(This space for Federal or State office use)

Approved by [Signature] **HOWARD B. CLEAVINGER II** Title ASSISTANT DISTRICT MANAGER MINERALS Date NOV 24 1993
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
Open change

1. Date of Phone Call: 10-27-93 Time: 10:59

2. DOGM Employee (name) J. Cordova (Initiated Call
Talked to:

Name Robert Berry, Pres. (Initiated Call - Phone No. (918) 492-1140
of (Company/Organization) Berry Ventures, Inc.

3. Topic of Conversation: Open change "Enter to Berry Ventures, Inc."
Natural Gas 34-4 / 43-047-30509

4. Highlights of Conversation:

Set up same as other wells - N6970 Berry Ventures, Inc.
% Bishop Petroleum Corp. "Agent"

* Confirmed by John Dunnewald "Bishop Petm. Corp."

ENRON

Oil & Gas Company

1801 California Street, Suite 3400, Denver, Colorado 80202 (303) 293-2525

October 19, 1993

RECEIVED

OCT 22 1993

Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ms. Lisha Cordova

RE: Change of Operator
Natural Buttes 34-Y Well
Uintah County, Utah
K0034078

Ladies and Gentlemen:

This letter will confirm that Enron Oil & Gas Company assigned all of its right, title and interest in and transferred operatorship of the following described well to Berry Ventures, Inc. effective October 1, 1993:

<u>Well Name</u>	<u>Description</u>	<u>API Well No.</u>
Natural Buttes 34-Y	SE/4NW/4 of Sec. 21-9S-20E	43-047-30523-30509

A copy of the federal-form sundry notice pertaining to this change of operator of the Natural Buttes 34-Y well is enclosed.

If you have any questions or need anything further from Enron Oil & Gas Company, please don't hesitate to contact the undersigned.

Yours very truly,

ENRON OIL & GAS COMPANY



Toni Lei Miller
Project Landman

TLM/dac
Enclosure
11912T

cc: Berry Ventures, Inc.
Attn: Mr. Robert W. Berry

Bishop Petroleum Corporation
Attn: Mr. John B. Dunnewald

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Berry Ventures, Inc.

3. Address and Telephone No.

7060 South Yale Avenue, Suite 900, Tulsa, Oklahoma 74136-5742

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(918) 492-1140

1690' FNL & 1702' FWL, SE $\frac{1}{4}$ NW $\frac{1}{4}$
Section 21-T9S-R20E

5. Lease Designation and Serial No.

U-0144869

6. If Indian, Allottee or Tribe Name

Ute Tribal Surface

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Natural Buttes 34-Y

9. API Well No.

43-047-30523 30509

10. Field and Pool, or Exploratory Area

NBU/Green River

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

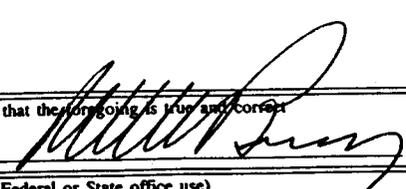
Effective October 1, 1993, Enron Oil & Gas Company assigned all of its right, title and interest in the above-described well to Berry Ventures, Inc.

Please be advised that Berry Ventures, Inc. is now considered to be the operator of the Natural Buttes 34-Y Well; SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, Township 9 South, Range 20 East; Lease U-0144869; Uintah County, Utah; and is responsible under the terms and conditions of the Lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Bond No. UT0949.

RECEIVED
OCT 2 1993

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

Signed



Title President

Date

OCT 1 2 1993

(This space for Federal or State office use)

DIVISION OF
OIL, GAS & MINING

Date

Approved by _____
Conditions of approval, if any:

Title

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- DT	7- VLC
2- DT	
3-VLC	
4-RJF	
5-PL	
6-SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-93)

TO (new operator)	<u>BERRY VENTURES, INC.</u>	FROM (former operator)	<u>ENRON OIL & GAS CO.</u>
(address)	<u>C/O BISHOP PETROLEUM CORP.</u>	(address)	<u>PO BOX 250</u>
	<u>1580 LINCOLN ST STE 880</u>		<u>BIG PINEY, WY 83113</u>
	<u>DENVER, CO 80203</u>		<u>JACKIE BRAUSE</u>
	phone <u>(303) 863-7800</u>		phone <u>(307) 276-3331</u>
	account no. <u>N 6970</u>		account no. <u>N0401</u>

Well(s) (attach additional page if needed):

*NON UNIT WELL/GRRV PZ (NATURAL BUTTES UNIT)

Name: <u>NBU 34Y/GRRV</u> *	API: <u>43-047-30509</u>	Entity: <u>05230</u>	Sec <u>21</u> Twp <u>9S</u> Rng <u>20E</u>	Lease Type <u>00144869</u>
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-22-93)*
- Yec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-22-93)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- Yec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-30-93)*
- Yec 6. Cardex file has been updated for each well listed above. *(11-30-93)*
- Yec 7. Well file labels have been updated for each well listed above. *(11-30-93)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-30-93)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* *Lee* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- __ 2. A copy of this form has been placed in the new and former operators' bond files.
- __ 3. The former operator has requested a release of liability from their bond (yes/no) ____ Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* *DCS* *12-2-93* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: December 7 1993.

FILING

- Lee* 1. Copies of all attachments to this form have been filed in each well file.
- Lee* 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

931130 Bbm / Vernal Approved 11-24-93.

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

6. Lease Designation and Serial Number U-73322
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement UTU-72689A
Duck Creek Green River Fm
9. Well Name and Number NBU 34Y
10. API Well Number 4304730509
11. Field and Pool, or Wildcat Duck Creek

SUNDRY NOTICES AND REPORTS ON WELLS

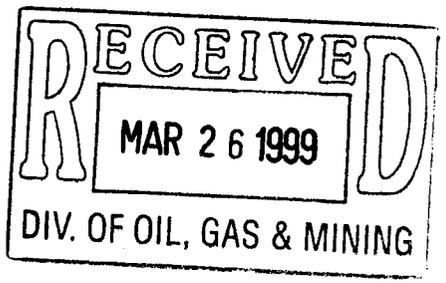
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Berry Ventures Inc.	
3. Address of Operator 5764 Fig Way, Suite B-1, Arvada, CO 80002	4. Telephone Number 303-421-6300
5. Location of Well Footage : QQ, Sec. T., R., M. : SE NW Section 21, T9S, R20E County : Uintah County State : UTAH	

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p>NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Annual Status Report</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Annual Status Report</u>	
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<input checked="" type="checkbox"/> Other <u>Annual Status Report</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well temporarily abandoned because it cannot produce at economic rate but has been included in the Duck Creek Green River Waterflood Unit.



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

Name & Signature <i>[Signature]</i>	Agent for Title <u>Berry Ventures</u>	Date <u>2/10/99</u>
(State Use Only)		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-73322

6. If Indian, Allottee, or Tribe Name
Ute Tribal Surface

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other Injection

2. Name of Operator
Finley Resources, Inc.

3a. Address 1308 Lake Street
Fort Worth, TX 76102

3b. Phone No. (include area code)
817-336-1924

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1690' FNL & 1702' FWL
SENW Sec 21-T9S-R20E

7. If Unit or CA/Agreement, Name and/or No.
UTU-72689A Duck Creek Green River Unit

8. Well Name and No.
Natural Buttes 34-Y

9. API Well No.
43-047-30509

10. Field and Pool, or Exploratory Area
Duck Creek

11. County or Parish, State
Uintah County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	of Operator
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please be advised that effective January 1, 2014, Finley Resources, Inc. assumed operatorship of the referenced well. Bond coverage pursuant to 43CFR3104 for lease activities is being provided by Finley Resources, Inc. under their Federal BLM Bond No. UTB000305. They will be responsible for compliance under the lease terms and conditions.

RIM Operating, Inc., the previous operator, hereby names Finley Resources, Inc. as successor operator effective January 1, 2014.

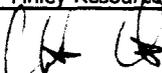
RIM Operating, Inc.


René Morin
Vice President

RECEIVED
FEB 18 2014
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed Typed)

Finley Resources, Inc. Title Clinton H. Koerth
VP of Land & Acquisition

Signature  Date 02/14/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

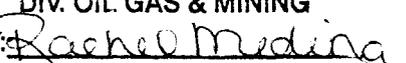
Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **APPROVED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

AUG 04 2014
DIV. OIL, GAS & MINING
BY: 

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2014

FROM: (Old Operator): RIM Operating, Inc. N1045 5 INVERNESS DR E ENGLE WOOD CO 80112 303-799-9828	TO: (New Operator): Finley Resources, Inc. N3460 1308 LAKE STREET FORT WORTH TX 76102 817-336-1924
--	--

CA No. **Unit:** **Duckcreek**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List						

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/18/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/18/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/4/2014
- 4a. Is the new operator registered in the State of Utah: _____ Business Number: 7409151-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Yes
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 6/1/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/4/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/4/2014
- Bond information entered in RBDMS on: 8/4/2014
- Fee/State wells attached to bond in RBDMS on: 8/4/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000305
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0011264
RLB0015635-FCB
DI B0015636
- 3b. The **FORMER** operator has requested a release of liability from their bond on: 4/18/2014

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

RIM Operating, Inc. N1045 to Finley Resources, Inc. N3460 Effective 1/1/2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
DUCKCREEK 3-16GR	16	090S	200E	4304730476	11631	Federal	WS	A	DUCK CREEK (GRRV)
DUCKCREEK 5-16GR	16	090S	200E	4304730523	11631	Federal	WI	A	DUCK CREEK (GRRV)
DUCKCREEK 6-16GR	16	090S	200E	4304730540	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 2-15	15	090S	200E	4304730555	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 8-15	15	090S	200E	4304730679	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 11-21	21	090S	200E	4304730770	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 1-15	15	090S	200E	4304730393	11631	Federal	OW	P	DUCK CREEK (GRRV)
NATURAL DUCK 6-15	15	090S	200E	4304730647	11631	Federal	OW	P	DUCK CREEK (GRRV)
DUCKCREEK 15-16GR	16	090S	200E	4304730649	11631	Federal	OW	P	DUCK CREEK (GRRV)
DUCKCREEK 18-16GR	16	090S	200E	4304730655	5000	Federal	GW	P	
NATURAL DUCK 12-21	21	090S	200E	4304730771	11631	Federal	OW	P	DUCK CREEK (GRRV)
DUCKCREEK 26-8GR	8	090S	200E	4304730784	10734	Federal	OW	P	
NATURAL DUCK 3-15	15	090S	200E	4304730556	11631	Federal	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 4-21	21	090S	200E	4304730557	11631	Federal	OW	S	DUCK CREEK (GRRV)
DUCKCREEK 11-16GR	16	090S	200E	4304730626	11631	Federal	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 5-15	15	090S	200E	4304730646	11631	Federal	OW	S	DUCK CREEK (GRRV)
DUCKCREEK 14-16GR	16	090S	200E	4304730652	11631	State	OW	S	DUCK CREEK (GRRV)
DUCKCREEK 16-16GR	16	090S	200E	4304730653	11631	State	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 9-15	15	090S	200E	4304730680	11631	Federal	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 10-21	21	090S	200E	4304730769	11631	Federal	OW	S	DUCK CREEK (GRRV)
COGC 1-22-9-20	22	090S	200E	4304730923	11631	Federal	OW	S	DUCK CREEK (GRRV)
NBU 34Y	21	090S	200E	4304730509	11631	Federal	OW	TA	DUCK CREEK (GRRV)