

## FILE NOTATIONS

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

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Water Well Completed .....  
..... WW..... TA.....  
CW..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

## LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 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.)  
 A. surface  
 2057' FWL & 2106' FSL, Section 20, 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)  
 APPROXIMATELY 534'

16. NO. OF ACRES IN LEASE  
 160

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.  
 N/A

19. PROPOSED DEPTH  
 7400'

20. ROTARY OR CABLE TOOLS  
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4760' UNGRADED GROUND

22. APPROX. DATE WORK WILL START\*  
 November 1, 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

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

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 13, 1978  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY L.R. Hyde TITLE ACTING DISTRICT ENGINEER DATE DEC 15 1978  
 CONDITIONS OF APPROVAL, IF ANY:

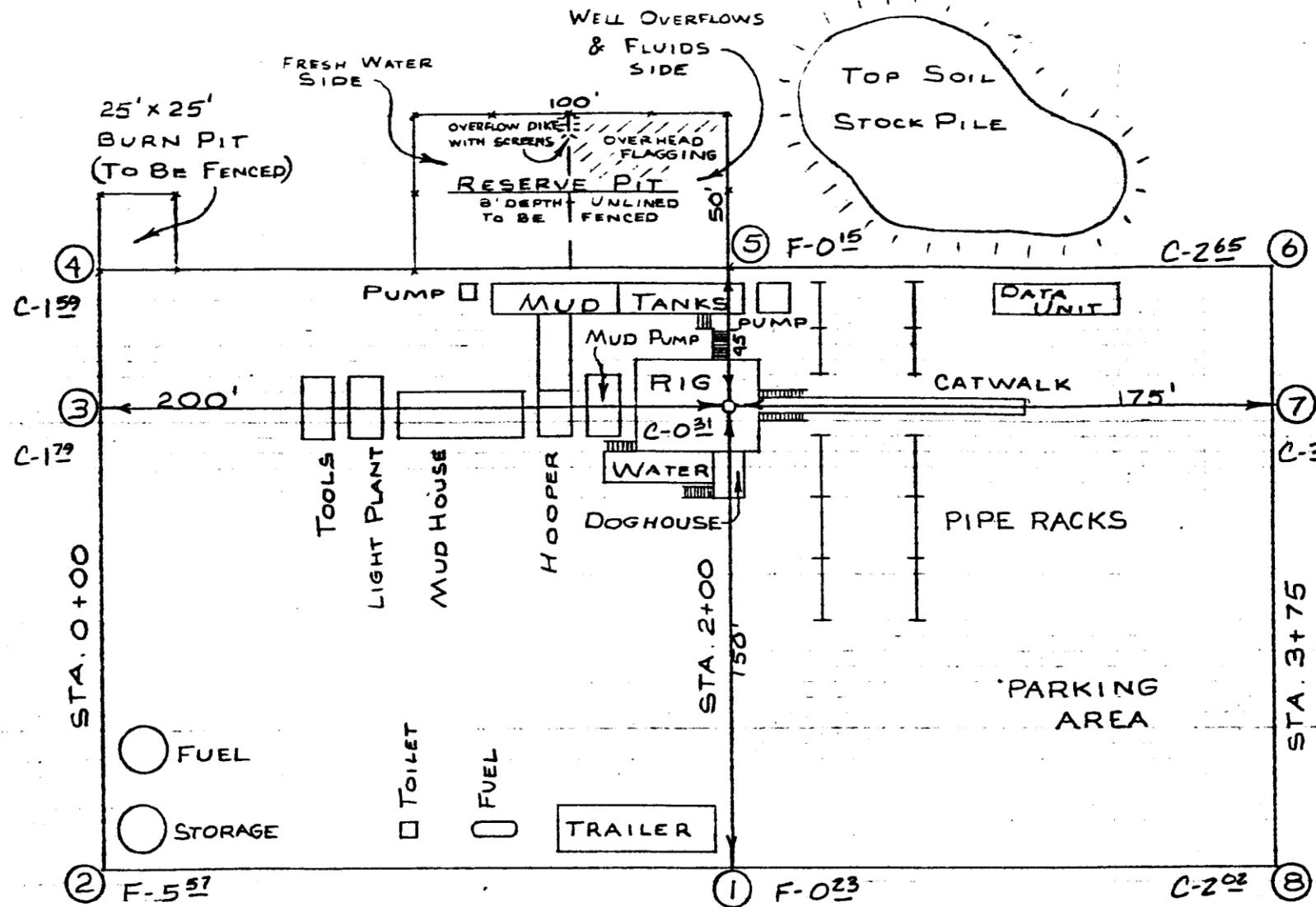
CONDITIONS OF APPROVAL ATTACHED NOTICE OF APPROVAL TO OPERATOR'S COPY

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

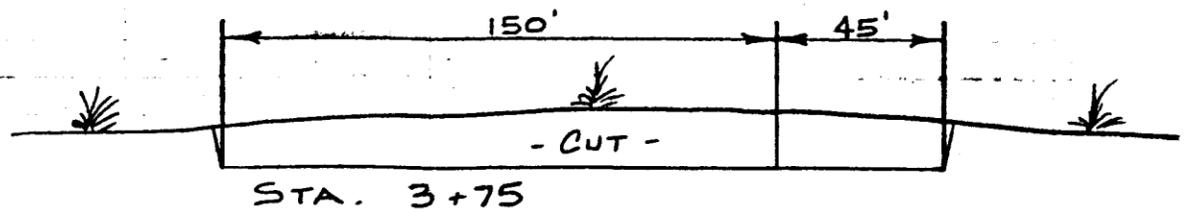
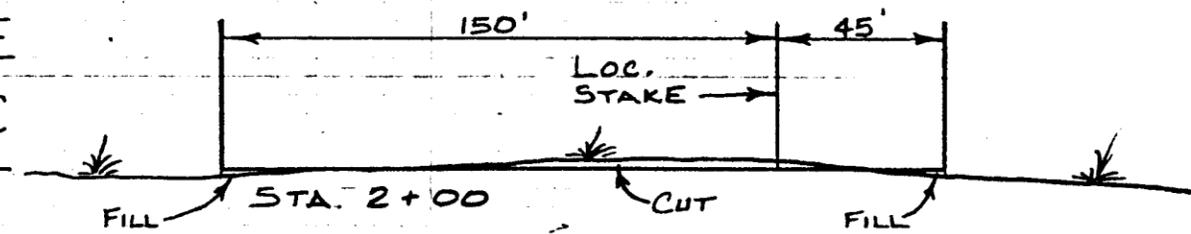
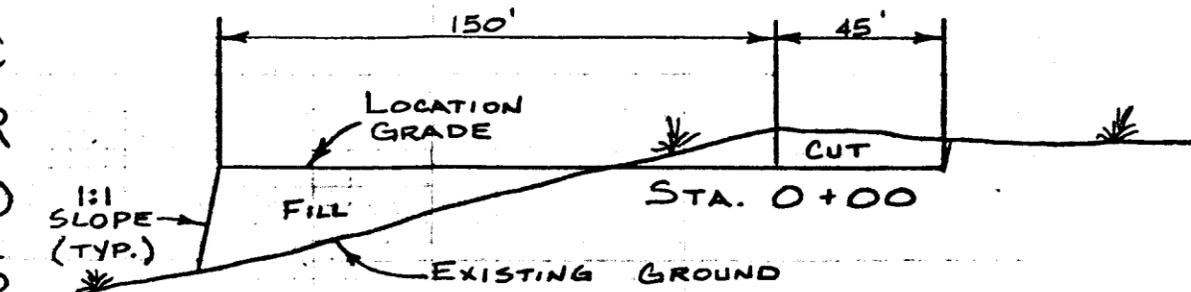
State Oil & Gas

\*See Instructions On Reverse Side

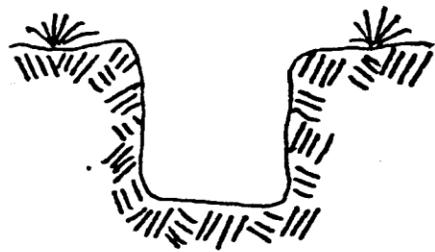
C.I.G. EXPLORATION  
 C.I.G.E. # 32-20-9-20  
 LOCATION LAYOUT & CUT SHEET



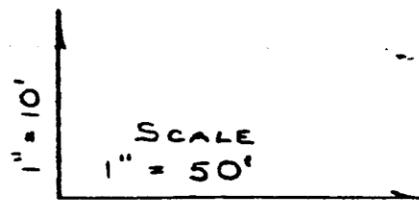
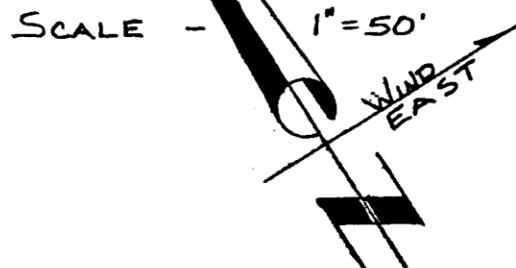
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SOILS LITHOLOGY  
 - NO SCALE -



LIGHT BROWN  
 SANDY CLAY  
 (SC-CL)



APPROX. YARDAGES  
 CUT - 2,290 CU. Yds.  
 FILL - 1,290 CU. Yds.



PROPOSED ROAD

ROAD

ROAD

MAPON

PROPOSED FLOW LINE

BELCO NB 36-22 B

BELCO NB 49-27 B

BELCO NB 24-32 B

BELCO NB 41-34 B

BELCO NB 40-33 B

MOUNTAIN FEE GAGNG STATION

Gas Well

BM 5000



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DEPARTMENT OF THE INTERIOR  
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 At proposed prod. zone  
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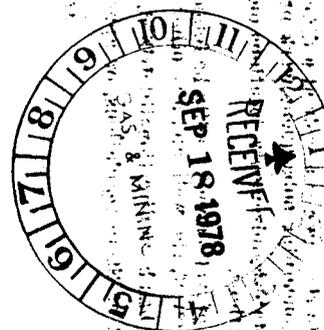
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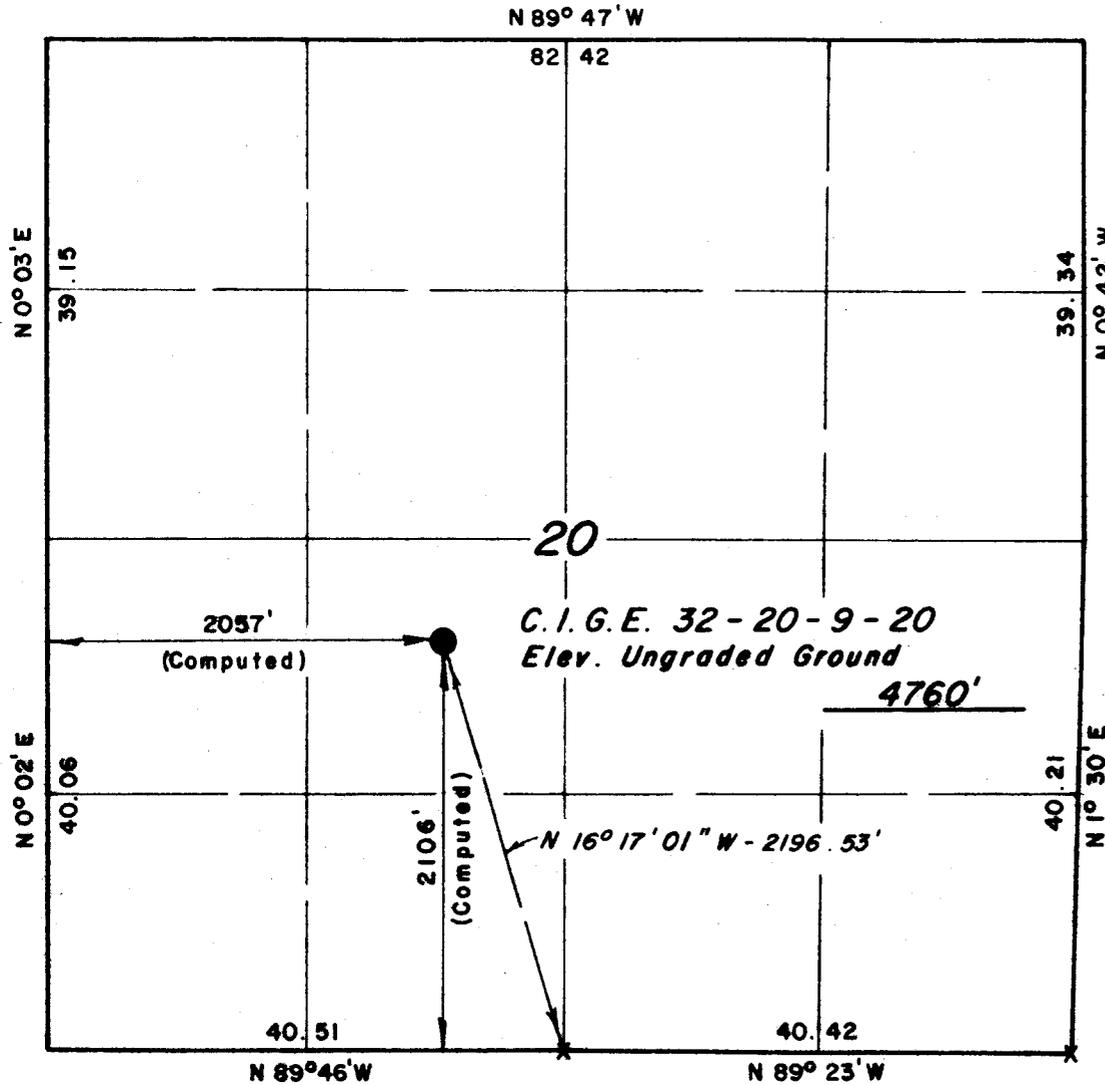
24. SIGNED E. R. Midkiff TITLE DISTRICT SUPERINTENDENT DATE SEPTEMBER 13, 1978  
 (This space for Federal or State office use)

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 9-19-78  
 BY: C. B. Seight

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

PROJECT  
C.I.G. EXPLORATION, INC.

Well location, C.I.G.E. 32-20-9-20,  
located as shown in the NE 1/4 SW 1/4  
Section 20, T9S, R20E, 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.

*Debra J. Marshall*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 2454  
STATE OF UTAH

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

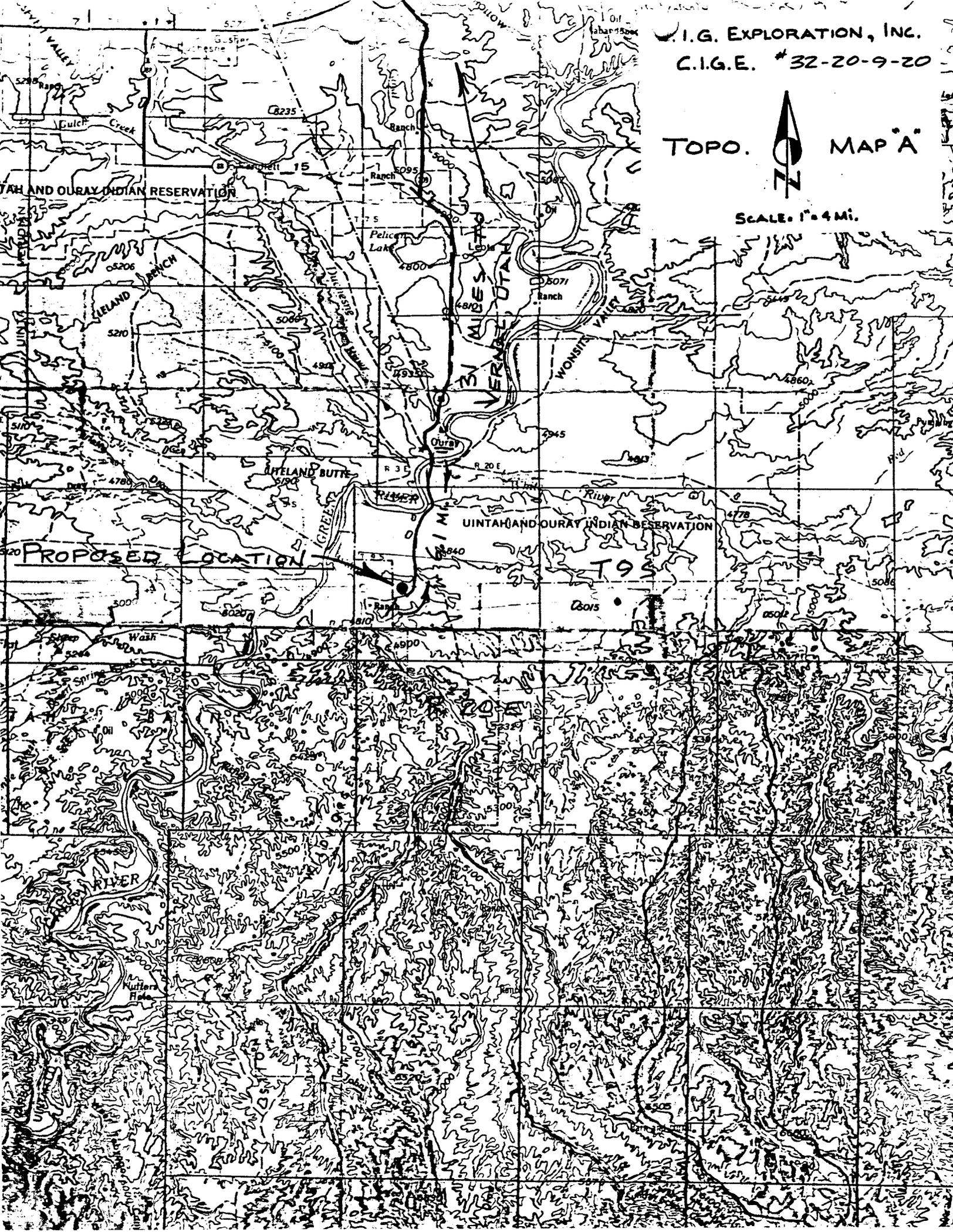
SCALE 1" = 1000'	DATE 9/11/78
PARTY D.A. S.S.                      BFW	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G.E.

U. I. G. EXPLORATION, INC.  
C.I.G.E. #32-20-9-20

TOPO. MAP 'A'



SCALE: 1" = 4 MI.





Proposed Action:

On September 15, 1978, CIGE filed an Application for Permit to Drill the No. CIGE-32-20-9-20 development well, a 7,400-foot oil and gas test of the Wasatch Formation; located at an elevation of 4,760 ft. in the NE NESW Sec. 20, 9 S., 20 E., on Federal mineral lands and Indian surface; Lease No. U-01567-A. There was no objection raised to the wellsite nor to the access road.

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 0.2 miles long from an existing and improved road. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad.

The anticipated starting date is November 1, 1978, and duration of drilling activities would be about 20 days.

In the event that production is established, plans for a gas flow line have been submitted to appropriate agencies for approval. The potential pipeline would connect CIGE #32-20-9-20 in a northeasterly direction through the NE $\frac{1}{4}$  Sec. 20 connecting to a line (F52-2") from Belco #21-20-B in the NE $\frac{1}{4}$  Sec. 20 all in T. 9 S., R. 20 E. The line will be approximately 3,300 ft. long.

The operator proposes to install a pipe of 2 3/8" O.D. x 0.125" W.T., Grade X-42 EW. The pipe would be butt-welded in place using portable electric welding machines, and be layed above ground except where burial is necessary for road crossings, ditches, or other obstructions. The proposed gas flow route should not be bladed; however, a bulldozer may be used to assist trucks in steep terrain, drag pipe into position, and for construction of ford type crossings on drainages that cannot otherwise be crossed. The construction of drainage crossings would be the only surface type disturbance authorized. The pipeline shall be constructed

in such a manner not to block, dam, or change the natural course of any drainage. The pipeline route should not be used for roads unless otherwise authorized by the U.S. Geological Survey or Surface Managing Agency. The maximum width of the disturbed area would be 21'. CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the location.

Location and Natural Setting:

The proposed drillsite is approximately 15 miles southeast of Ouray, Utah, the nearest town. A good road runs to within 1/2 mile 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 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.

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:

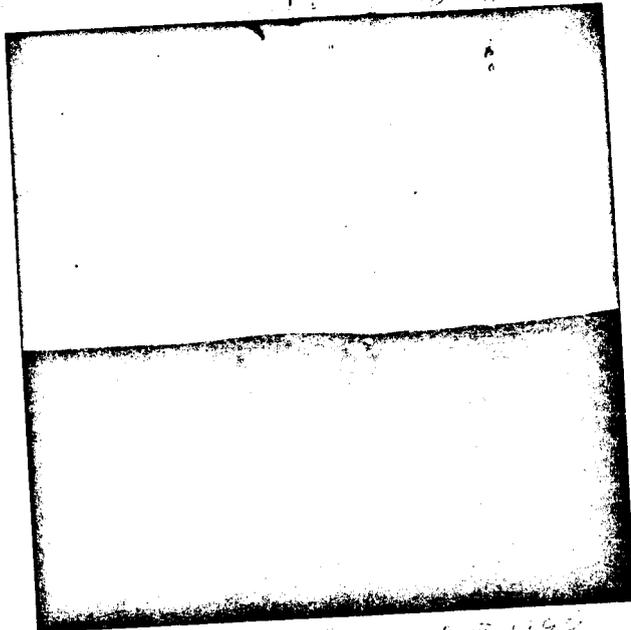
The mud and reserve pits would contain all fluids used during the operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point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

10-18-71



C16E-32-20-1-20 REF 1398  
NESW-20-9S-20E  
U-01567-A  
BUTTA CREEK FIELD

SH

P.L. ROUTE N.E. 10-18-71



LOCKING N.E. FRATS C16E-32-20-1-20  
U-01567-A E.A. SURV. 1398

SH

(2) Minor relocation of the wellsite access road or any special restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe 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 rejected. 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.

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

Date

11/1/78

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

C.I.G. EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

C.I.G.E. #32-20-9-20

Located In

Section 20, T9S, R20E, S.L.B. & M.

Uintah County, Utah

C.I.G. Exploration Incorporated  
C.I.G.E. #32-20-9-20  
Section 20, T9S, R20E, S.L.B. & M.

## 1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location C.I.G.E. #32-20-9-20 located in the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Section 20, T9S, R20E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along Utah State Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray Utah: Proceed on South along a county road known as the Seep Ridge road + 4.8 miles to the point that an existing road exits to the South; proceed Southerly on this road 0.5 miles to the junction of this road and a road to the Southwest; proceed Southwesterly on this road 0.4 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Northwesterly direction to the proposed well location.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surfaced with native asphalt for + 4 miles and then is a gravel surface to the aforementioned service roads.

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

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and 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  $\frac{1}{4}$  SE  $\frac{1}{4}$  Section 20, T9S, R20E, S.L.B. & M., and proceeds in a Northwesterly direction approximately 0.4 miles to the proposed location site in said Section 20.

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

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle run-off from normal meteorological conditions that are prevalent to the 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 materials 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 turn-outs 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 relatively flat with some small hills and washes.

The vegetation along 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 well. For exact location of this well within Section 20, 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 C.I.G. Exploration Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection, and disposal lines within a one-mile radius.

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

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

The proposed gas flow line will be an 18' right of way which will run in a Southerly direction approximately 3.2 miles to an existing pipeline at a point located in the NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 4, T10S, R20E, S.L.B. & M. (See Topographic Map "B")

If there is any deviation from the above, then all appropriate agencies will be notified.

5. LOCATION AND TYPE OF WATER SUPPLY

(See Topographic Map "B")

Water to be used for the drilling of this well will be taken from the White River, at a point where the County Road (described in Item #1) crosses it in the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Section 4, T9S, R20E, S.L.B. & M. The water will be hauled by truck over roads described in Item #1, a distance of approximately 5 miles.

In the event this is not a suitable source, an alternate source will be used and the proper authorities will be notified.

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 material for the location site and access road shall be borrow material 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 material that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material 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 material will be burned in the burn pit. Non-flammable material 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 them safe and tight.

9. WELL SITE LAYOUT - continued

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 Green 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 sandstone, conglomerates, and shale deposits.

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

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

All drainages in the immediate area are non-perennial and are tributaries to Willow Creek.

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 structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales.)

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

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

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

C.I.G. Exploration Incorporated  
C.I.G.E #32-20-9-20  
Section 20, T9S, R20E. S.L.B. & M

11. OTHER INFORMATION - continued

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

C.I.G.E. #32-20-9-20 location site sits on a relatively flat area located on the Northern slope of a small ridge extending to the East and West.

The non-perennial drainages in the area drain to the West into Willow Creek.

The geologic structure of the location is of the Uintah 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 3% grade.

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  
P.O. Box 749  
Denver, Colorado 80201

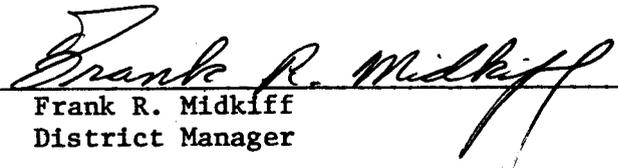
TELE: 1-303-572-1121

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

DATE

9/13/78

  
Frank R. Midkiff  
District Manager

CIGE 32-20-9-20  
Section 20, 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 1725'

WASATCH 5150'

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

WASATCH 5150' - 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

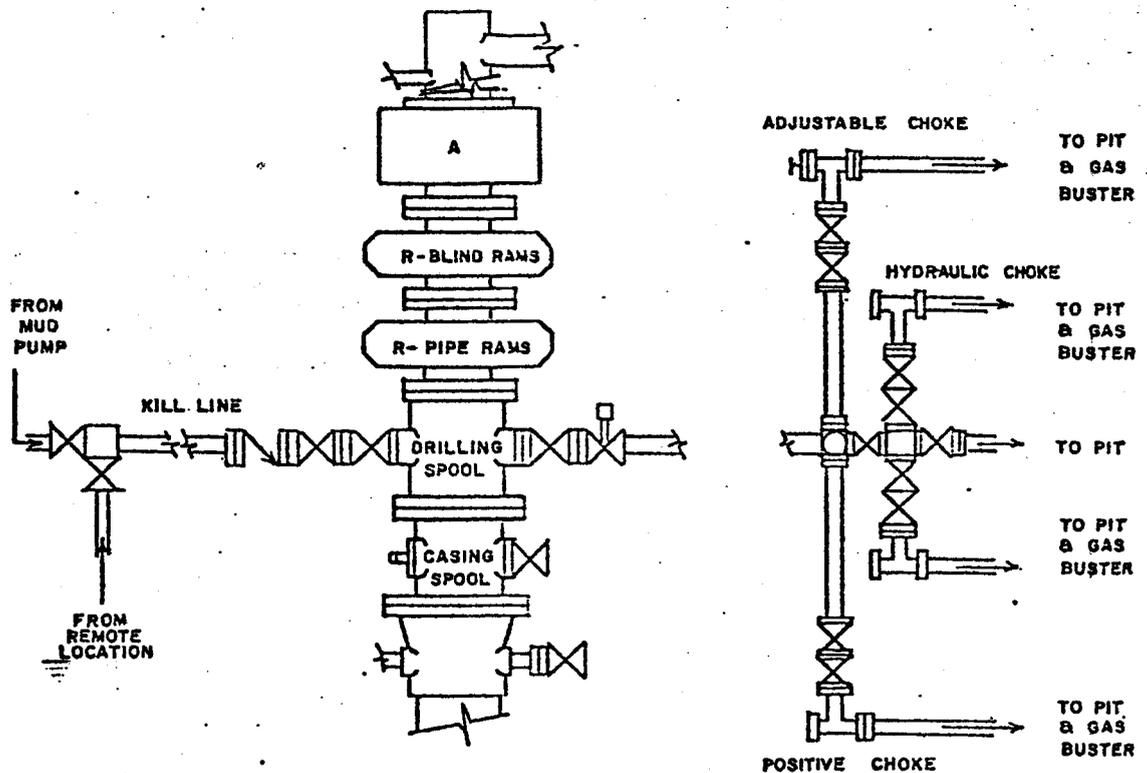
10. The anticipated starting date and duration of the operation:

November 1, 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

✓ 32

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:

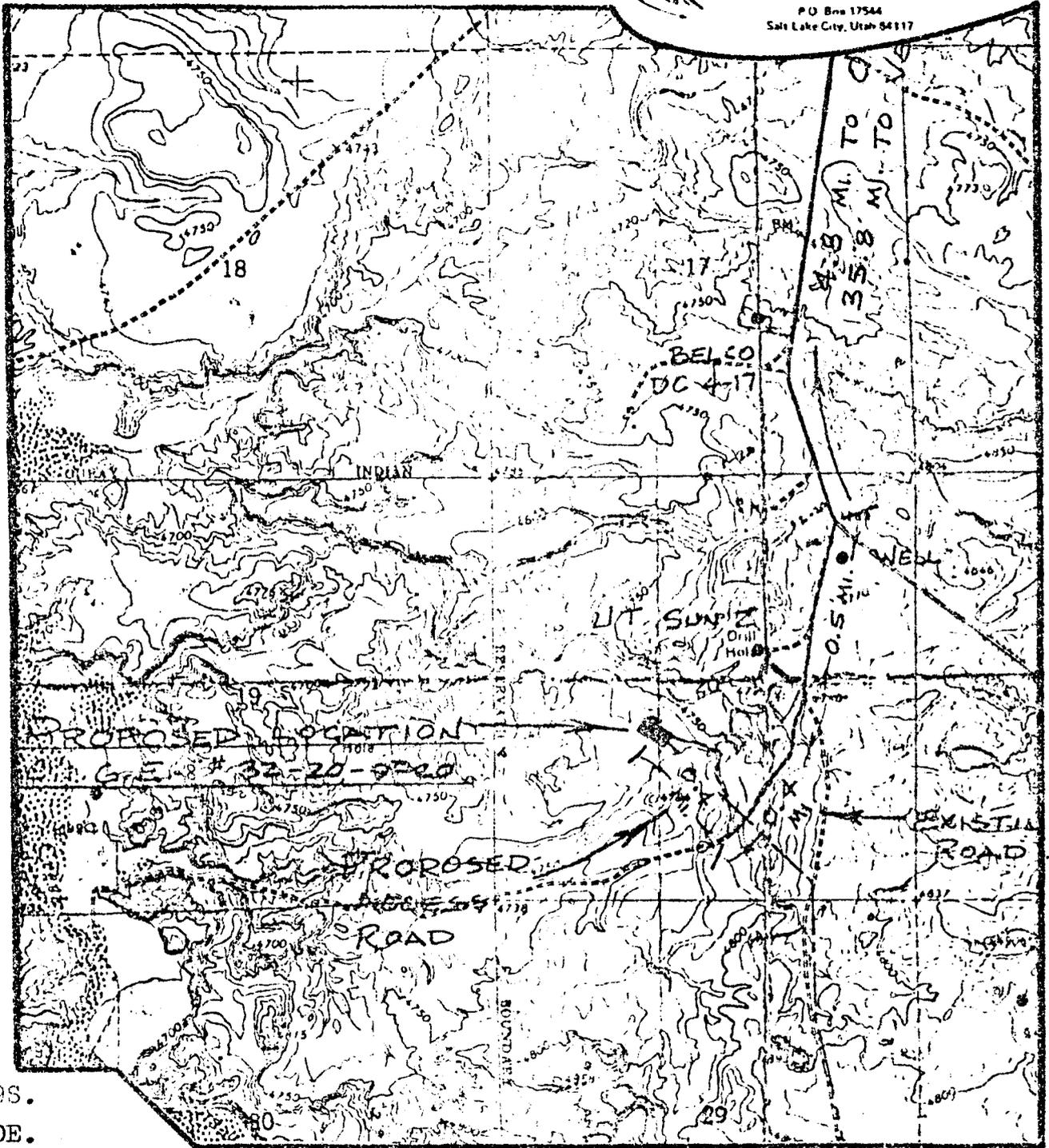
1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations;
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and
3. a qualified archeologist be 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



T. 9S.  
R. 20E.

Meridian: Salt Lake B & M

Quad:

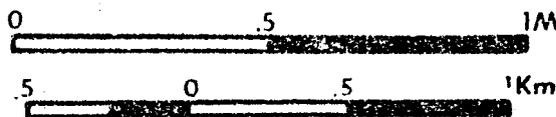
Project: GPE-78-5  
Series: Eastern Utah  
Date: 10/10/78

PROPOSED WELL LOCATION AND  
ACCESS ROAD  
CIGE 32-20-9-20  
NATURAL BUTTES LOCALITY  
UINTAH COUNTY, UTAH

Ouray, Utah  
7.5' Series

Legend:

Proposed Well  
Location



Scale



FROM: : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 1101567-A

OPERATOR: CEG Exploration

WELL NO. CTGE 32-20-9-20

LOCATION: 1/2 1/2 1/2 sec. 20, T. 9S, R. 20E, 50N  
Wasatch County, Utah

1. Stratigraphy:

*operator picked tops reasonable*

2. Fresh Water:

*probable in Uintah Fm*

3. Leasable Minerals:

*oil shale in Green River  
 Gas in Wasatch*

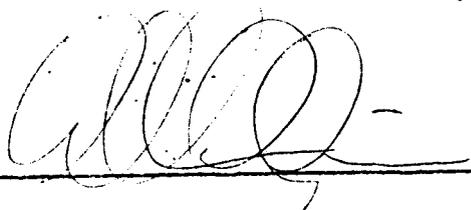
4. Additional Logs Needed:

*run all logs specified in APD from top  
 of Green River to TD*

5. Potential Geologic Hazards:

*possibly slightly overpressured*

6. References and Remarks:

Signature: 

Date: 10-12-78

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

NE  
SW

\*\* FILE NOTATIONS \*\*

Date: Sept. 27-

Operator: Cig Exploration

Well No: Natural Butte 32#20-9-20

Location: Sec. 20 T. 4S R. 20E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-047-30496

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Unit well

Petroleum Engineer: [Signature]

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 Natural Butte Unit

Other:

Letter written Approved

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

REMIT IN TRIPLICATE  
(Other Instructions  
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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-01567-A	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBE - SURFACE	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80202		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  2057' FWL & 2016' FSL SECTION 20-T9S-R20E		8. FARM OR LEASE NAME NATURAL BUTTES	
14. PERMIT NO.		9. WELL NO. CIGE 32-20-9-20	
15. ELEVATIONS (Show whether DP, RT, CR, etc.) 4760' UNGRADED GROUND		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 20-T9S-R20E	
		12. COUNTY OR PARISH UINTAH	13. STATE UTAH

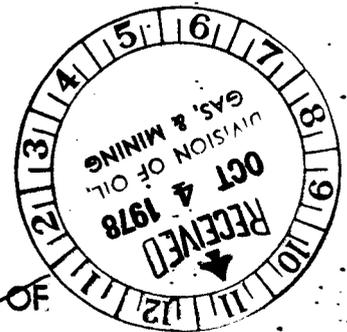
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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) PIPELINE HOOKUP <input checked="" type="checkbox"/>	(Other) <input checked="" type="checkbox"/>
(Other) PIPELINE HOOKUP <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.)\*

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

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: \_\_\_\_\_

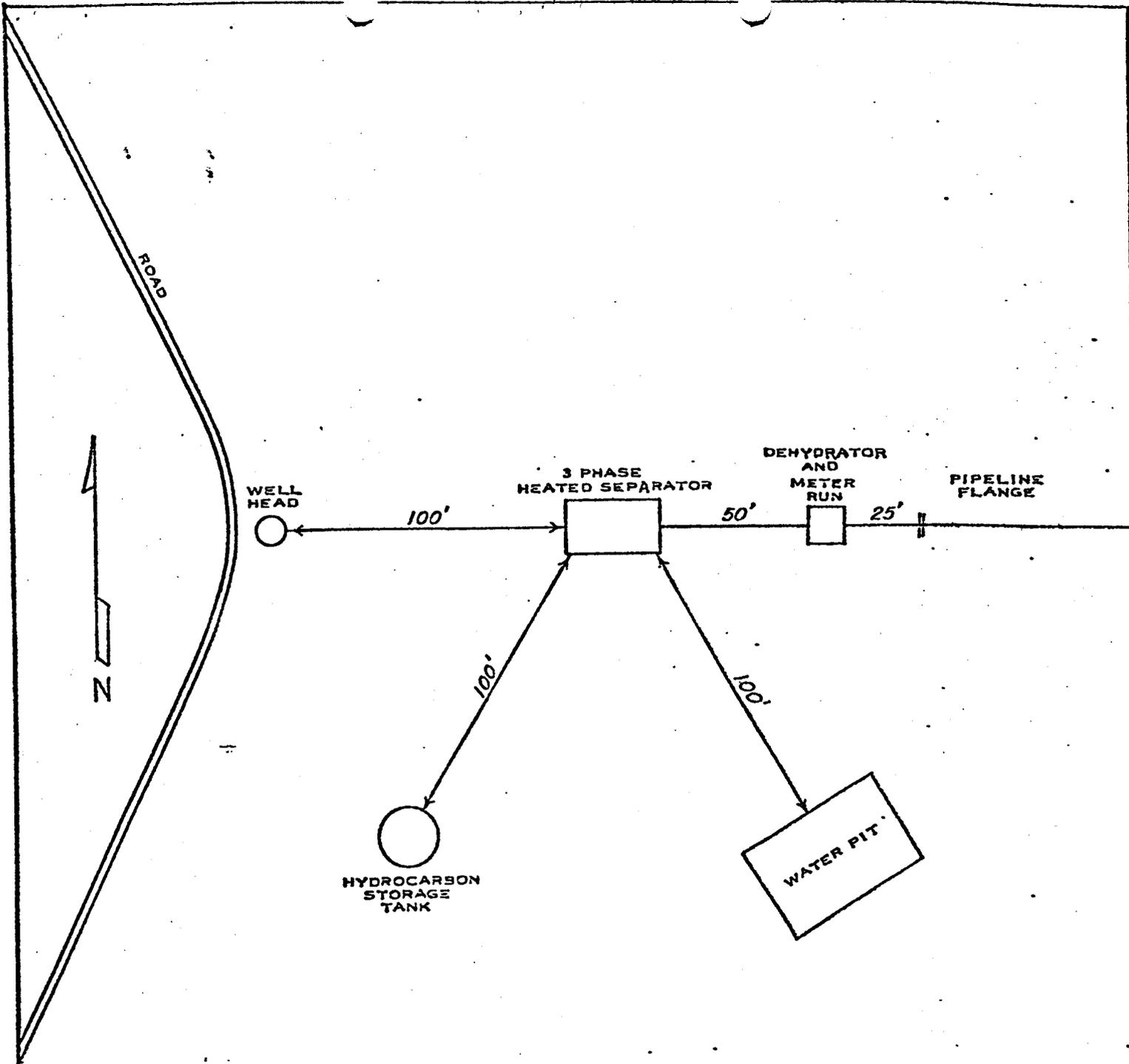
BY: \_\_\_\_\_

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

SIGNED: R.G. Merrill TITLE: Sr. Petroleum Engineer DATE: October 2, 1978

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



<p>GAS PRODUCING ENTERPRISES, INC. DENVER, COLORADO</p>
<p>CIGE 32-20-9-20 SECTION 20-T9S-R20E UINTAH COUNTY, UTAH</p>



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

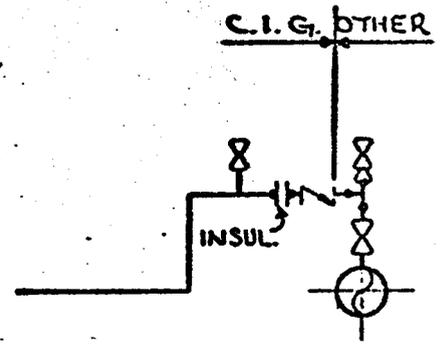
20'±

O. O. Y. Y. U. S. S.



ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

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



TYP. FOR CONN. TO M.F.S.

Colorado Interstate Gas Co.  
COLORADO SPRINGS COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY, UTAH


1 2385B REVISE STARTING POINT 8-277.RWP

NO	C.O.NO	DESCRIPTION	DATE	BY	CHK.	APP.	SCALE	NONE	DRAWN	RWP	DATE	2385B
REVISIONS												
DATE: 7-7-77												

115FP-1 1/3

# ESTIMATE SKETCH

DATE: 1-27-78  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
 COMPANY  CONTRACT

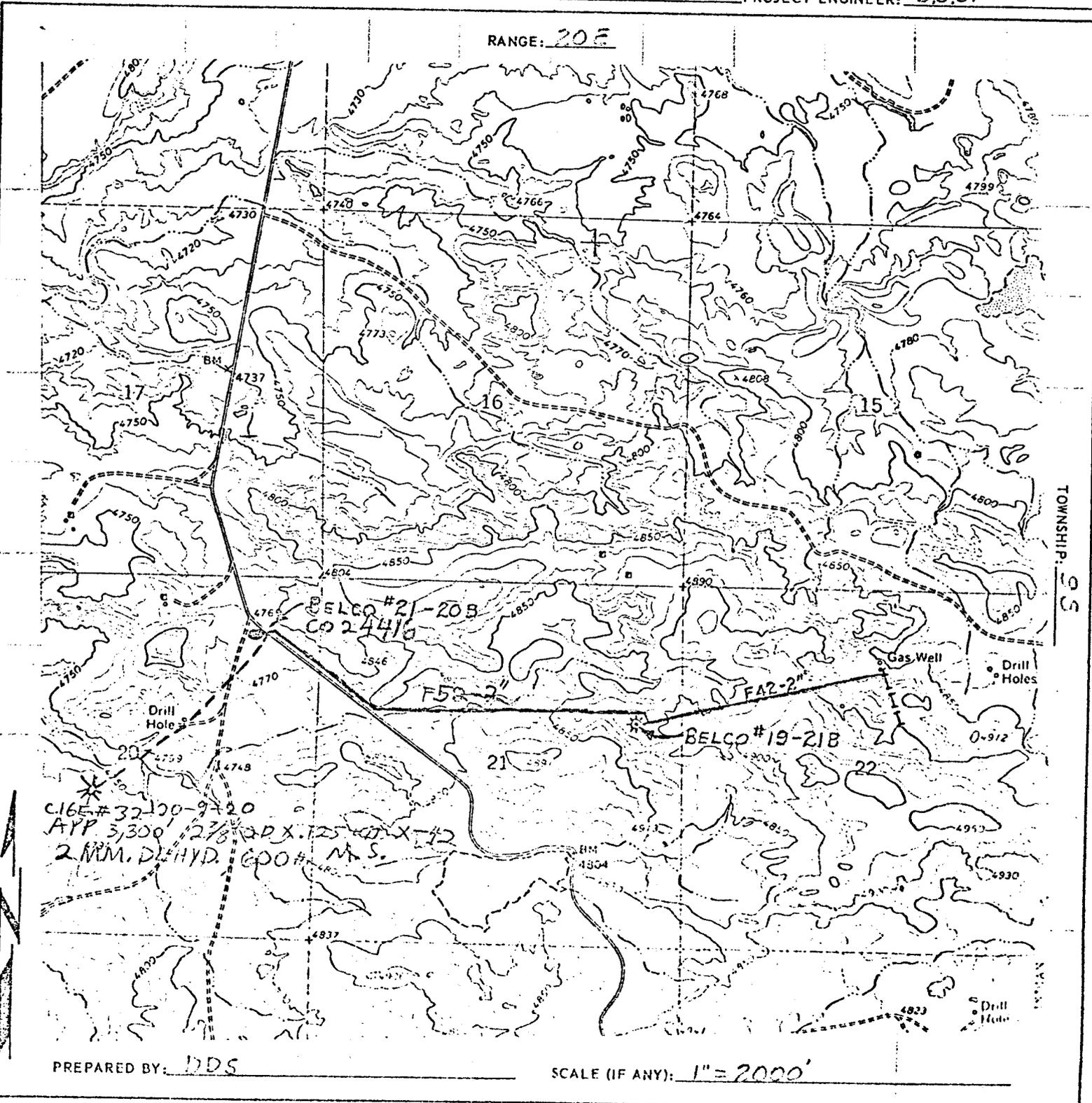
COLORADO INTERSTATE GAS COMPANY  
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
REVISION NO.: 7/21/78  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: 115FU-1

LOCATION: S20 & 21, T9S, R20E--NATUREL BUTTES F. COUNTY: UINTAH STATE: UTAH

DESCRIPTION OF WORK:  
CONNECT BELCO #21-20B  
CONNECT CIGC #32-20-9-20

REQUESTED BY: GAS SUPPLY APPROXIMATE MILEAGE: 1.1 PROJECT ENGINEER: D.D.S.



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

September 22, 1978

Statement for permit to lay flow line, to be included with application for Drilling Permit - CIGE #32-20-9-20.

Upon approval of all concerned regulatory agencies, CIG proposed to install a surface flow line from CIGE #32-20-9-20 in a northeasterly direction through the NE $\frac{1}{4}$  of Section 20 connecting to a line (F52-2") from Belco #21-20B in the NE $\frac{1}{4}$  of Section 20 all in T9S, R20E. The line will be approximately 3,300' long as shown on the accompanying 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.



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

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

November 19, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
Chairman

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

Cig Exploration, Inc.  
P. O. Box 749  
Denver Colo. 80201

RE: SEE ATTACHED SHEET FOR WELLS.

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Debbie Beauregard*  
DEBBIE BEAUREGARD  
CLERK-TYPIST

ATTACHMENT, WELLS INVOLVED.

- 1) Well No. CIGE 25-29-9-21  
Sec. 29, T. 9S, R. 21E,  
Uintah County, Utah
- 2) Well No. CIGE 26-26-10-21  
Sec. 26, T. 10S, R. 21E,  
Uintah County, Utah
- 3) Well No. CIGE 29-23-9-20  
Sec. 23, T. 9S, R. 20E,  
Uintah County, Utah
- 4) Well No. CIGE 30-6-10-21  
Sec. 6, T. 10S, R. 21E,  
Uintah County, Utah
- 5) Well No. CIGE, 31-1-10-22  
Sec. 1, T. 10S, R. 22E,  
Uintah County, Utah
- 6) Well No. CIGE 32-20-9-20  
Sec. 20, T. 9S, R. 20E,  
Uintah County, Utah
- 7) Well No. CIGE 33-27-10-21  
Sec. 27, T. 10S, R. 21E,  
Uintah County, Utah
- 8) Well No. CIGE 38-4-10-21  
Sec. 4, T. 10S, R. 21E,  
Uintah County, Utah
- 9) Well No. CIGE 54-30-10-22  
Sec. 30, T. 10S, R. 22E,  
Uintah County, Utah



*CIG Exploration, Inc.*

A Unit of Coastal States Gas Corporation  
2100 PRUDENTIAL PLAZA • P.O. BOX 749  
DENVER, COLORADO 80201 • (303) 572-1121

November 27, 1979

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

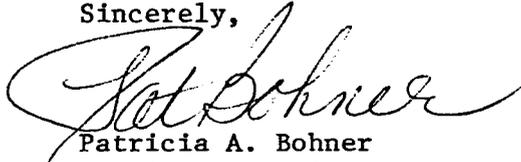
Atten: Ms. Debbie Beauregard

Gentlemen:

32-20-9-20

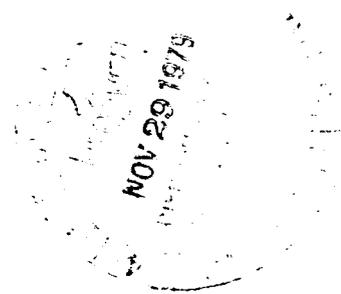
CIG Exploration, Inc., does intend to drill those wells listed in your letter of November 19, 1979. At this time, however, a definite timetable of drilling operations has not been set. We would therefore, appreciate your retaining our applications for these wells in an active category.

Sincerely,

  
Patricia A. Bohner  
Regulatory Analyst

PAB/pm

xc: F. W. Heiser  
H. Speer



ATTACHMENT, WELLS INVOLVED.

- 1) Well No. CIGE 25-29-9-21  
Sec. 29, T. 9S, R. 21E,  
Uintah County, Utah
- 2) Well No. CIGE 26-26-10-21  
Sec. 26, T. 10S, R. 21E,  
Uintah County, Utah
- 3) Well No. CIGE 29-23-9-20  
Sec. 23, T. 9S, R. 20E,  
Uintah County, Utah
- 4) Well No. CIGE 30-6-10-21  
Sec. 6, T. 10S, R. 21E,  
Uintah County, Utah
- 5) Well No. CIGE 31-1-10-22  
Sec. 1, T. 10S, R. 22E,  
Uintah County, Utah
- 6) Well No. CIGE 32-20-9-20  
Sec. 20, T. 9S, R. 20E,  
Uintah County, Utah
- 7) Well No. CIGE 33-27-10-21  
Sec. 27, T. 10S, R. 21E,  
Uintah County, Utah
- 8) Well No. CIGE 38-4-10-21  
Sec. 4, T. 10S, R. 21E,  
Uintah County, Utah
- 9) Well No. CIGE 54-30-10-22  
Sec. 30, T. 10S, R. 22E,  
Uintah County, Utah



# CIG Exploration, Inc.

A Unit of Coastal States Gas Corporation  
2100 PRUDENTIAL PLAZA • P.O. BOX 749  
DENVER, COLORADO 80201 • (303) 572-1121

April 2, 1980

Ms. Janice Tabish, Clerk Typist  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

**RECEIVED**  
APR 04 1980

DIVISION OF  
OIL, GAS & MINING

Dear Ms. Tabish:

Enclosed is a copy of my letter dated November 27, 1979, which replied to a notice sent to us in November. Following is the present status relative to drilling operations on these wells.

1. CIGE 26-26-10-21  
Section 26-T10S-R21E  
Uintah County, Utah

This well is planned for the first half of 1980.

2. CIGE 29-23-9-20  
Section 23-T9S-R20E  
Uintah County, Utah

We plan to spud this well within the next month. We are presently waiting on BIA approval and subsequently, USGS approval for the renewal of our drilling permit.

3. CIGE 32-20-9-20  
Section 20-T9S-R20E  
Uintah County, Utah

The status of this proposed well is the same as CIGE 29-23-9-20.

4. CIGE 33-27-10-21  
Section 27-T10S-R21E  
Uintah County, Utah

5. CIGE 38-4-10-21  
Section 4-T10S-R21E  
Uintah County, Utah

6. CIGE 54-30-10-22  
Section 30-T10S-R22E  
Uintah County, Utah

The wells are planned for the latter half of 1980.



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771  
March 27, 1980

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
Chairman

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

Cig Exploration, Inc.  
P.O. Box 749  
Denver, Colorado 80201

Re: See attached sheet for wells

Gentlemen:

This letter is in response to a notice dated 11-27-79, on the above mentioned wells.

We would like to know the status of these wells. Our files show that they have not been drilled as of yet. Please advise this office of any change in any of the above wells.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Janice Tabish*

JANICE TABISH  
CLERK-TYPIST

- (1) Well No. Cige 26-26-10-21  
Sec. 26, T. 10S, R. 21E.  
Uintah County, Utah
- (2) Well No. Cige 29-23-9-20  
Sec. 23, T. 9S, R. 20E.  
Uintah County, Utah
- (3) **Well No. Cige 32-20-9-20**  
**Sec. 20, T. 9S, R. 20E.**  
Uintah County, Utah
- (4) Well No. Cige 33-27-10-21  
Sec. 27, T. 10S, R. 21E.  
Uintah County, Utah
- (5) Well No. Cige 38-4-10-21  
Sec. 4, T. 10S, R. 21E.  
Uintah County, Utah
- (6) Well No. Cige 54-30-10-22  
Sec. 30, T. 10S, R. 22E.  
Uintah County, Utah

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CIG Exploration, Inc.

WELL NAME: CIGE 32-20-9-20

SECTION 20 NE SW TOWNSHIP 9S RANGE 20E COUNTY Uintah

DRILLING CONTRACTOR Loffland Brothers

RIG # 236

SPUDDED: DATE 6/16/80

TIME 12:00 p.m.

HOW dry hole spudder

DRILLING WILL COMMENCE 6/23/80

REPORTED BY Pat Bohner

TELEPHONE # 303-572-1121

DATE June 20, 1980

SIGNED M. J. Mander

cc: USGS

NOTICE OF SPUD

WELL NAME: C16E 32-20-9-20

LOCATION: NE 114 SW 114 SECTION 20 T- 9S R- 20E

COUNTY: UTAH STATE: UTAH

LEASE NO.: U-01567-A LEASE EXPIRATION DATE: 4/30/70

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPURRED: 12:00 NOON, 6/16/80

DRY HOLE SPUDDER: ALL-WESTERN AIR DRILLING

DETAILS OF SPUD (Hole, Casing, Cement, etc.): SPUD 12-1/4" hole & drill to 220' GL. RAN 5 JTS 9-5/8", 47#, 8RD U-80 TO 220' GL. SET W/125 SX "G". PD 11:45 AM 6/17/80

ROTARY RIG NAME & NUMBER: LOFFLAND 236

APPROXIMATE DATE ROTARY MOVES IN: 6/23/80

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 6/18/80

PERSON CALLED: Jim

STATE CALLED: DATE: 6/20/80

PERSON CALLED: Bonnie

REPORTED BY: PAT Bohner

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  
CIG EXPLORATION, INC.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2057' FWL & 2106' FSL  
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 type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) SPUD	<input type="checkbox"/>		<input type="checkbox"/>

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.)\*

Well Spudded at 12:00 Noon, June 16, 1980. Verbal report made to U.S.G.S. (Kim) on June 18, 1980, and State of Utah (Bonnie) on June 20, 1980. Please see attached report for additional details of spud.

5. LEASE  
U-01567-A

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.  
CIGE 32-20-9-20

10. FIELD OR WILDCAT NAME  
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 20-T9S-R20E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

14. API NO.  
43-047-30496

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4760' Ungr. Gr.

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

RECEIVED  
JUN 25 1980

DIVISION OF  
OIL, GAS & MINING  
Set @ Ft.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE June 20, 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

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, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2017' FWL & 2106' FSL  
 At proposed prod. zone  
 SAME

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)      697'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      40'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4760'    Ungr. Gr.

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01567-A

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

7. UNIT AGREEMENT NAME  
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
 NATURAL BUTTES

9. WELL NO.  
 CIGE 32A-20-9-20

10. FIELD AND POOL OR WILDCAT AND SURVEY OR AREA  
 Natural Buttes  
 BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SECTION 20-T9S-R20E

12. COUNTY OR PARISH      13. STATE  
 UINTAH      UTAH

16. NO. OF ACRES IN LEASE      17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160      N/A

19. PROPOSED DEPTH      20. ROTARY OR CABLE TOOLS  
 7400'      Rotary

22. APPROX. DATE WORK WILL START\*  
 July 1, 1980

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"	43.5#	200'	125 sacks
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.

All supplemental information will remain as for CIGE 32-20-9-20, with the exception of the plat. A new plat is attached.

A revised Gas Well Production Hookup will be submitted.

APPROVED BY THE DIVISION  
 OF OIL, GAS, AND MINING  
 DATE: 7-8-80  
 BY: *M. J. Minder*

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

SIGNED *C. A. Hansen*      TITLE Drilling Engineer      DATE June 30, 1980

PERMIT NO. 43-047-30496      APPROVAL DATE 7/8/80

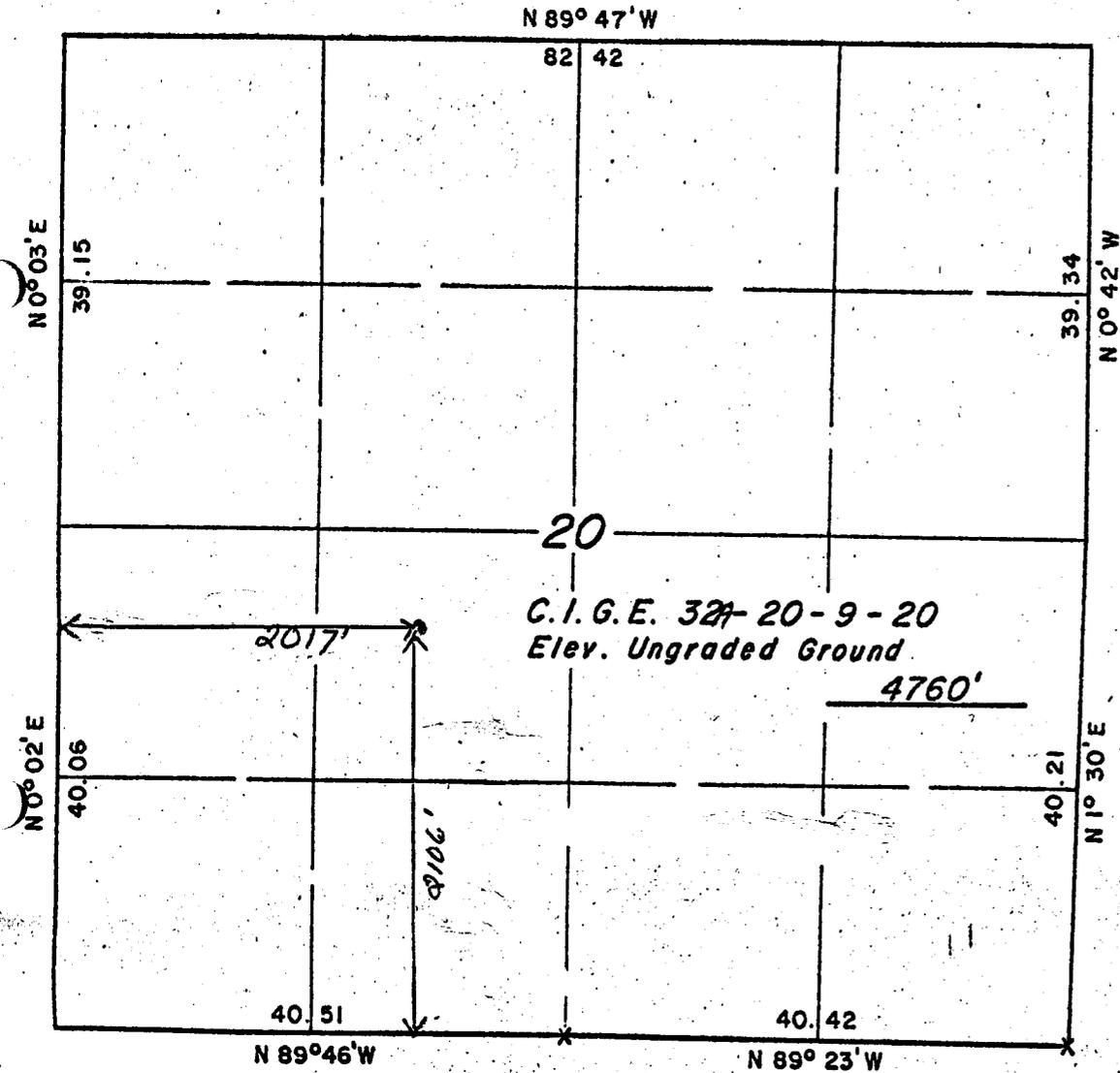
APPROVED BY \_\_\_\_\_      TITLE \_\_\_\_\_      DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

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

PROJECT  
C.I.G. EXPLORATION, INC.

Well location, C.I.G.E. 32A-20-9-20  
located as shown in the NE 1/4 SW 1/4  
Section 20, T9S, R20E, S.L.B.&M.  
Uintah County, Utah.

(THIS LOCATION WAS NOT  
STAKED; PLAT WAS CHANGED  
ONLY TO REFLECT MOVE 40' WEST  
FROM CIGE 32-20-9-20)



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.

*[Signature]*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

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

X = Section Corners Located

SCALE 1" = 1000'	DATE 9/11/78
PARTY D.A. S.S.	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G.E.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other SEE NOTE ON REVERSE

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other P & A

2. NAME OF OPERATOR  
CIG EXPLORATION, INC.

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 2057' FWL & 2106' FSL NE SW  
At top prod. interval reported below SAME  
At total depth SAME

14. PERMIT NO. 43-047-30496 DATE ISSUED 9-19-78

5. LEASE DESIGNATION AND SERIAL NO.

U-01567-A

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.

CIGE 32-20-9-20

10. FIELD AND POOL OR WILDCAT

NATURAL BUTTES BITTER CANYON FIELD

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Section 20-T9S-R20E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

15. DATE SPUDDED 6-6-80 16. DATE T.D. REACHED N/A 17. DATE COMPL. (Ready to prod.) N/A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4760' Ungr. Gr. 19. ELEV. CASINGHEAD Unknown

20. TOTAL DEPTH, MD & TVD 2707' 21. PLUG, BACK T.D., MD & TVD 130' 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* N/A 25. WAS DIRECTIONAL SURVEY MADE NO 26. TYPE ELECTRIC AND OTHER LOGS RUN NONE 27. WAS WELL CORED NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN  
NONE

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"	47#	220'	12-1/4"	125 sacks "G"	

29. LINER RECORD 30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	N/A

33.\* PRODUCTION

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

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

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

35. LIST OF ATTACHMENTS

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

SIGNED C.A. Hansen TITLE Drilling Engineer DATE June 30, 1980

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



**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  
**CIG EXPLORATION, INC.**

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2057' FWL & 2106' FSL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

5. LEASE  
**U-01567-A**

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.  
**CIGE 32-20-9-20**

10. FIELD OR WILDCAT NAME  
**BITTER CREEK FIELD**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 20-T9S-R20E**

12. COUNTY OR PARISH  
**UINTAH**

13. STATE  
**UTAH**

14. API NO.  
**43-047-30496**

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4760' Ungr. Gr.**

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 checked="" type="checkbox"/>
(other)	<input type="checkbox"/>	<input type="checkbox"/>

(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.)\*

Due to cementing of 800' of drill pipe in hole, well has been abandoned with cement plug set from 130' to 281'. (Verbal permission received from W. P. Martens, U.S.G.S., at 11:30 PM, June 28, 1980.)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE June 30, 1980

(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

**COASTAL OIL & GAS**

NAME OF COMPANY: ~~CIG Exploration~~

WELL NAME: CIGE 32A-20-9-20 (Rig Skid)

SECTION 20 SW TOWNSHIP 9S RANGE 20E COUNTY Uintah

DRILLING CONTRACTOR Loffland Brothers

RIG # 236

SPUDED: DATE 7/1/80

TIME 4:00 a.m.

HOW rotary

DRILLING WILL COMMENCE presently

REPORTED BY Pat Bohner

TELEPHONE # 303-572-1121

DATE July 3, 1980

SIGNED *M. J. M.*

cc: USGS

*P/A*

NOTICE OF SPUD

WELL NAME: C16E 32A-20-9-20

LOCATION: NF 1/4 SW 1/4 SECTION 20 T-9S R-20E

COUNTY: UINTAH STATE: UTAH

LEASE NO.: U-01567-A LEASE EXPIRATION DATE: 4/30/70

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPURRED: 4: AM 7/1/80

DRY HOLE SPUDDER: NO - ROTARY RIG - SEE BELOW

DETAILS OF SPUD (Hole, Casing, Cement, etc.): SPUD 12-1/4" hole & drill to 225' RUN 5JTS 9-5/8" 47# N-80 LT & C & set @ 225' GL CMT W/13.5' SX CLASS "H" W/2% CaCl<sub>2</sub>

ROTARY RIG NAME & NUMBER: LOFFLAND RIG # 236

APPROXIMATE DATE ROTARY MOVES IN: 7/1/80

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 7/3/80

PERSON CALLED: Kim

STATE CALLED: DATE: 7/3/80

PERSON CALLED: MIKE MINDER

REPORTED BY: PAT Bohner

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 CIGE 32-20-9-20

Operator CIG EXPLORATION, INC. Address P. O. Box 749, Denver, Co. 80201

Contractor LOFFLAND BROTHERS Address 410 17th Street, Suite 810, Denver, Co. 80202

Location NE 1/4 SW 1/4 Sec. 20 T. 9S R. 20E County Uintah

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)

**RECEIVED**  
JUL 07 1980

Formation Tops

Green River 1725'

Remarks

Due to cementing of 800' of drill pipe in hole, well was abandoned June 28, 1980. Rig was skidded 40' due west on same location to drill another hole.

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.

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  
**CIG EXPLORATION, INC.**

3. ADDRESS OF OPERATOR  
**P. O. Box 749, DENVER, COLORADO 80201**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **2017' FWL & 2106' FSL**  
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 type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>SPUD</u>		

5. LEASE  
**U-01567-A**

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

7. UNIT AGREEMENT NAME  
**NATURAL BUTTES UNIT**

8. FARM OR LEASE NAME  
**NATURAL BUTTES**

9. WELL NO.  
**CIGE 32A-20-9-20**

10. FIELD OR WILDCAT NAME  
**BITTER CREEK FIELD**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 20-T9S-R20E**

12. COUNTY OR PARISH | 13. STATE  
**Uintah | Utah**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4760' Ungr. Gr.**

(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.)\*

Well spudded July 1, 1980 at 4:00 AM. Verbal report made to U.S.G.S. (Kim) and State of Utah (Mike Minder) on July 3, 1980. Please see attached for additional details of spud.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED C. A. Hansen TITLE Drilling Engineer DATE July 9, 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

**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  
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR  
P. O. Box 749, DENVER, COLORADO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2017' FWL & 2106' FSL  
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 type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Operations	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE  
U-01567-A

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

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES

9. WELL NO.  
CIGE 32A-20-9-20

10. FIELD OR WILDCAT NAME  
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 20-T9S-R20E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

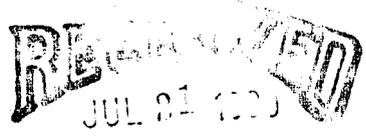
14. API NO.  
43-047-30496

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4760' Ungr. Gr.

(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.)\*

Well spudded July 1, 1980. Please see attached for report of operations through July 15, 1980.



DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

**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  
COASTAL OIL & GAS CORPORATION *CIG Operator name change*

3. ADDRESS OF OPERATOR  
P. O. Box 749, DENVER, COLORADO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2017' FWL & 2106' FSL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

5. LEASE  
U-01567-A

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

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES

9. WELL NO.  
CIGE 32A-20-9-20

10. FIELD OR WILDCAT NAME  
NATURAL BUTTES FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 20-T9S-R20E

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

14. API NO.  
43-047-30496

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4760' Ungr. Gr.

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) Pipeline Hookup			

(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.)\*

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 AND FLOW LINE AND PIPELINE RIGHT OF WAY

FOR ON-SITE CONTACT: IRA K. McCLANAHAN AT (303) 473-2300



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

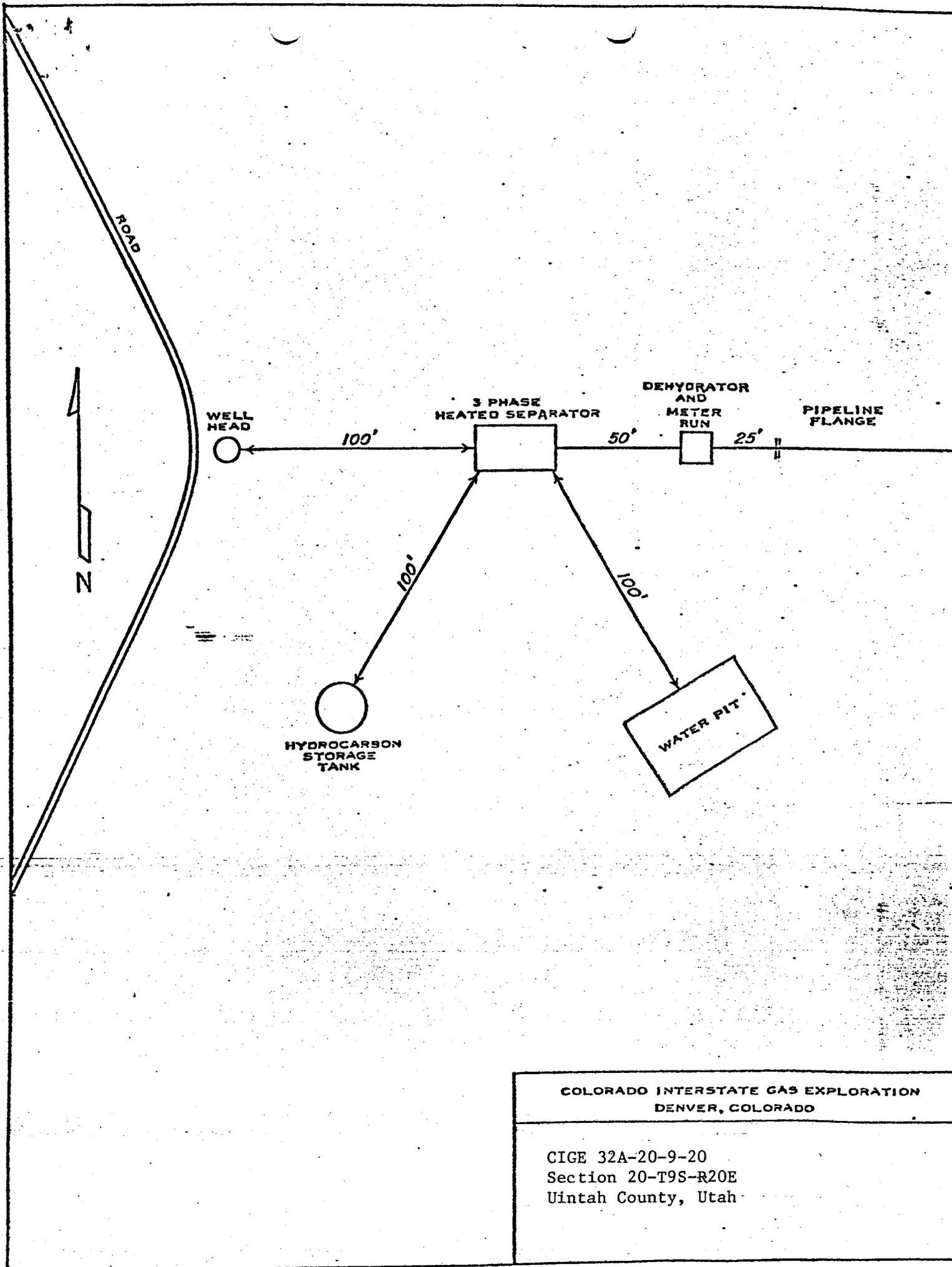
18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Superintendent DATE July 29, 1980

(This space for Federal or State office use)

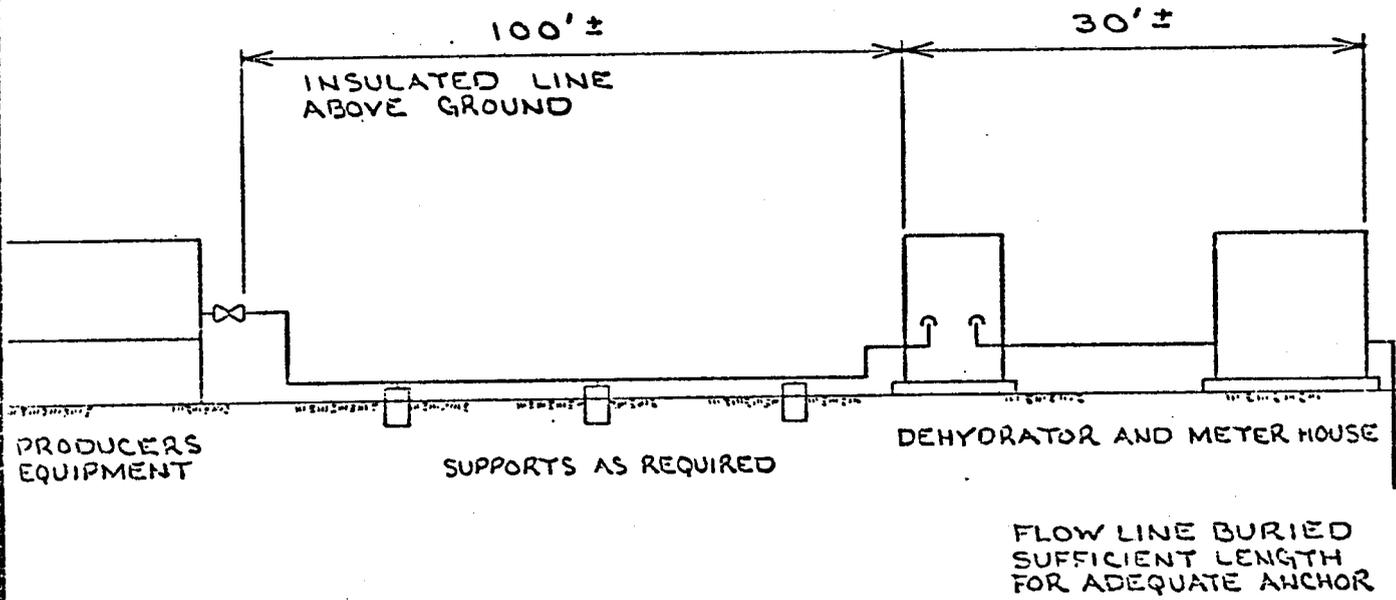
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



COLORADO INTERSTATE GAS EXPLORATION  
DENVER, COLORADO

CIGE 32A-20-9-20  
Section 20-T9S-R20E  
Uintah County, Utah



NO.	DESCRIPTION	DATE	BY	CHK.	APP.

*Colorado Interstate Gas Co.*  
 COLORADO SPRINGS, COLORADO

**TYPICAL WELL HEAD INSTALLATION  
 NATURAL BUTTES FIELD**

UINTAH COUNTY, UTAH

SCALE: NONE DRAWN: RWP APP: **115FP-2 1/2**

DATE: 7-13-77 CHECK: IC O. 23858



# ESTIMATE SKETCH

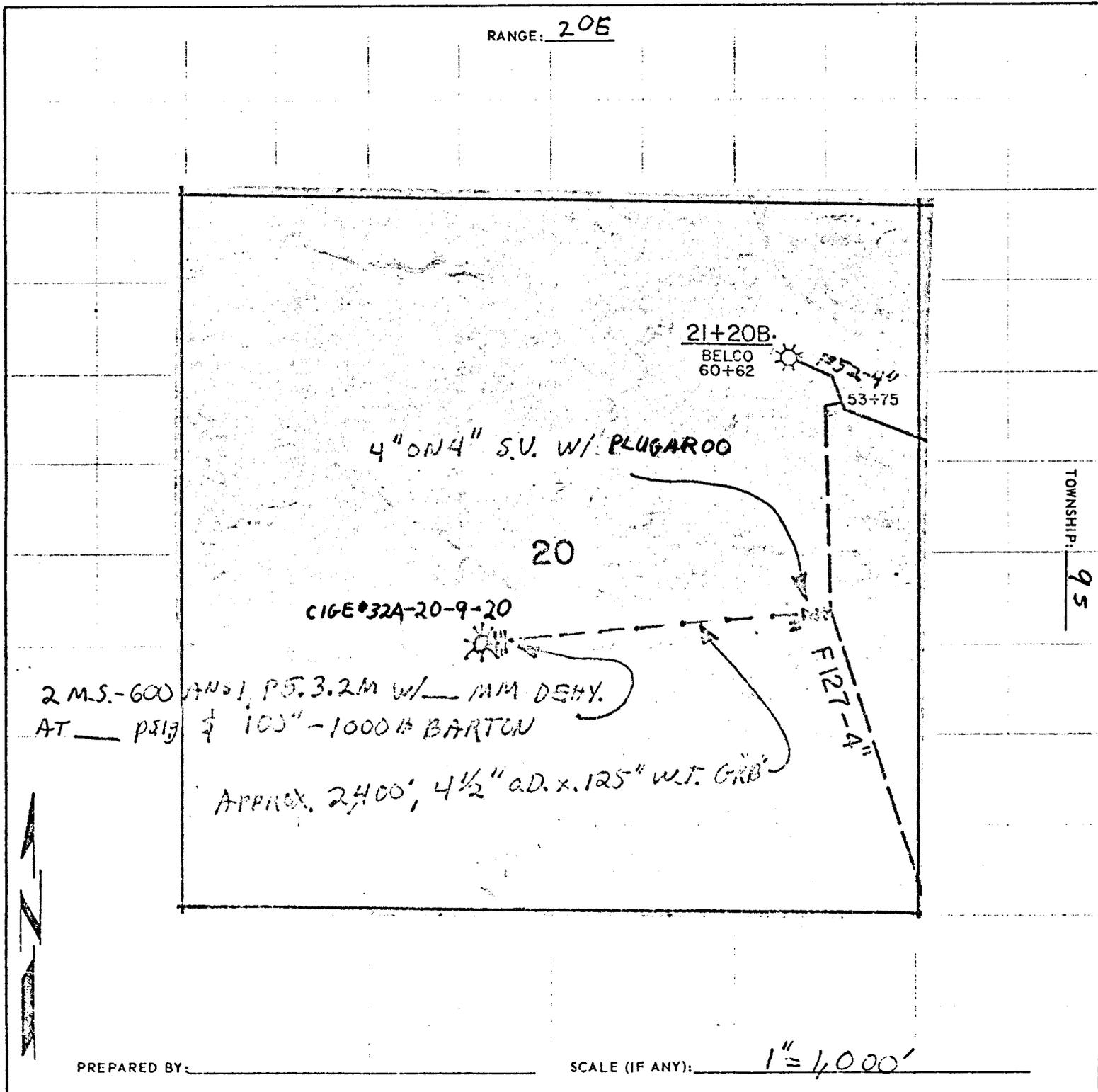
DATE: 1-25-83  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
 COMPANY  CONTRACT

COLORADO INTERSTATE GAS COMPANY  
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
REVISION NO.: \_\_\_\_\_  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: 1157EJ-1A

LOCATION: NE SW SEC 20-9s-20E COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: CONNECT CIG#32A-20-9-20 NATURAL BUTTES

REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: \_\_\_\_\_ PROJECT ENGINEER: JFK



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 32A-20-9-20 in an easterly direction through the S/2 of Section 20, connecting to line (F/27-4") in the SE/4 of Section 20, all in 9S-20E. The line will be approximately 2,400' long as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x .125" w.T., Grade "B". 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. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to Producer's separator and install dehydrator 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**

**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  
**CIG EXPLORATION, INC.**

3. ADDRESS OF OPERATOR  
**P. O. Box 749, DENVER, COLORADO 80201**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **2017' FWL & 2106' FSL**  
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 type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) _____	Status	

5. LEASE  
**U-01567-A**

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

7. UNIT AGREEMENT NAME  
**NATURAL BUTTES UNIT**

8. FARM OR LEASE NAME  
**NATURAL BUTTES**

9. WELL NO.  
**CIGE 32A-20-9-20**

10. FIELD OR WILDCAT NAME  
**BITTER CREEK FIELD**

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
**Section 20-T9S-R20E**

12. COUNTY OR PARISH | 13. STATE  
**Uintah | Utah**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4760' Ungr. Gr.**

(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.)\*

Please see attached chronological for report of operations July 16, thru August 15, 1980.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *J. F. McCormick* TITLE Drilling Superintendent DATE August 20, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CIGE #32A-20-9-20  
Natural Buttes Unit (E)  
Uintah County, Utah  
AFE: 19642 WI:  
ATD: 7200' SD: 7-1-80  
9-5/8" @ 225'; 4½" @ 7232';

LOCATION: NE/4 SW/4 Sec 20-T9S-R20E.  
KB to GL 14'.

- 8-1-80 7332'; PBTD 5614'; Drlg cmt.  
RU power swivel; drlg cmt 5237-5614 (corrected strap, not 4992') 387'; draw lives  
& clean tank. Cum Csts: \$438,889.
- 8-2-80 7232'; PBTD 5864'; Drlg cmt.  
drlg cmt 5583-5864 281'; drain pmp & clean tanks. Cum Csts: \$460,261.
- 8-3-80 7232'; PBTD 6265'; SDFS.  
TOH f/new mill; drlg 5864-6265 401'; drailed lines & cleaned tank. Cum Csts:  
\$463,971.
- 8-4-80 SDFS.
- 8-5-80 PBTD 6885'; Drlg cmt.  
Drlg cmt f/6265' to 6885' (620'); clean tank. Cum Csts: \$467,270.
- 8-6-80 TD 7232'; PBTD 6948'; Prep to pull press bomb.  
Finish drlg cmt f/6885-6948'; circ hole clean; POH w/mill & DC; RU McCullough &  
run cmt bond log 6950-6000; 80-100% bond; indicated T/cmt 1500'; RU Halco; press tst 4½" t  
6000 psi; perf Wasatch 2 SPF 3-1/8" csg gun as follows: 6421, 22, 23, 23, 6918, 20, 22, 24  
26, 28, 30 (11 holes); TIH w/notch collar, 1 jnt tbg, SN , 201 jnts 2-3/8" 4.7# J-55 8"  
EUE, 3' blast jnt to 6205'; ND BOPs; NU tree; RU CA white; hang dual press bombs @ 6185'.  
Cum Csts: \$475,376.
- 8-7-80 7232'; PBTD 6948'; well fwl to pit on 18/64" CK; prep to frac.  
SITP 850 psi, pill press bombs & made gradient run; RU Halco; circ hole w/110  
bbl 5% KCl wtr; pmp 5 bbl KCl wtr; break dwn press 5600 @ 5 BPM; pmp 2800 gal 7½% HCl;  
job compl 10:15 AM; max press 5600 @ 5 BPM, avf press 4700 @ 5 BPM; ISIP 2700, 15 min 2600  
flw to pit 18/64" CK. Cum Csts: \$484,961.
- 8-8-80 7232'; PBTD 6948'; Well turned over to prod.  
RU Halco; press tst lines & trucks to 6000 psi; frac Wasatch as follows: pmp  
47,800 gal Versagel 1400 w/7000# 20/40 sd, 4 stages 7000 gal 1-4 ppg sd. Job compl 10:20  
AM 8-7-80; MP 6000 @ 31½ BPM; avg press 30 BPM @ 5800; ISIP 2730, 15 min 2650; shut well  
in overnight. Cum Csts: \$524,161.
- 8-9-80 Flwg to pit. Opn to pit 8:15 AM 8-8-80; SIT 2300, SIC 2400 on 14/64" CK.
- 8-10-80 Flw to pit. FTP 500, SICP 700 on 14/64" CK; 400 MCFD, 100 BW.
- 8-11-80 Flwg to pit. 14/64" CK; FTP 300 psi, SICP 600; rate 300 MCFD & 25 BLWPD.
- 8-12-80 Flwg to pit. FTP 225, SICP 585 on 14/64" CK; 250 MCFD, 22 BW.
- 8-13-80 Flwg to pit. FTP 200, SICP 500 on 14/64" CK; 225 MCFD, 5 BW.
- 8-14-80 SI; WO CIG well tst.  
225 MCFD, 5 BW; SI @ 2:30 PM; SITP 200, SICP 485 on 14/64" CK.
- 8-15-80 Well shut in; WO CIG well tst.  
24 hr SITP 1415 psi, SICP 1415 psi. Drop f/report.

CIGE #32A-20-9-20

Natural Buttes Unit (E)  
Uintah County, UtahAFE: 19642 WI:  
ATD: 7200' SD: 7-1-80  
9-5/8" @ 225'; 4 1/2" @ 7232';LOCATION: NE/4 SW/4 Sec 20-T9S-R20E,  
KR to GL 14 1/2

- 7-15-80 5904'; (250'-23 1/2 hrs); Drlg.  
Drlg; rig service; drlg. BGG 160 units, CG 210 units, No show, MW 9.7, v  
37, WL 11.2, PV 9, YP 6, Sand 1/8, Solids 5%, pH 9.5, Alk .1, M<sub>f</sub> .7, CL 2200 ppm, CA 160  
Gels 0" 3, 10" 6, Cake 2/32, MBT 14.0 lb/bbl, Cr 300, Cum Csts: \$259,751
- 7-16-80 6234'; (330'-23 hrs); Drlg.  
Drlg; rig service; drlg; survey; drlg. BGG 270 units, CG 360 units, No Br  
MW 9.6, vis 37, WL 11.2, PV 11, YP 6, Sand Tr, Solids 5%, pH 9.5, Alk .1, M<sub>f</sub> .8, CL 2000  
CA 160, Gels 0" 3, 10" 5, Cake 2/32, MBT 14.0 lb/bbl, Cr 300. (1" @ 6040'), Cum Csts:  
\$267,664.
- 7-17-80 6448'; (214'-21 hrs); Drlg.  
Drlg; rig service; rack swivel; drlg. BGG 225 units, CG 245 units. Drlg Br  
6380-6388 bef 6"/ft, dur 1, after 6; bef 250 units, dur 275, after 250. MW 9.3, vis 37,  
WL 11.2, PV 12, YP 5, Sand Tr, Solids 5%, pH 9.5, Alk .1, M<sub>f</sub> .9, CL 3100 ppm, CA 60 ppm,  
Gels 0" 4, 10" 7, Cake 2/32, MBT 14.0 lb/bbl, Cr 400. Cum Csts: \$275,531.
- 7-18-80 6644'; (196'-23 hrs); Drlg.  
Drlg; rig service; drlg; survey; drlg. BGG 225 units, CG 255 units. MW 9.  
vis 34, WL 11.2, PV 8, YP 7, Sand 1/8, Solids 5%, pH 9.0, Alk .1, M<sub>f</sub> .9, CL 3000 ppm, CA  
ppm, Gels 0" 5, 10" 8, Cake 2/32, MBT 15.0 lb/bbl, Cr 400. (1" @ 6539'). Cum Csts:  
\$283,019.
- 7-19-80 6846'; (202'-23 1/2 hrs); Drlg.  
Drlg; rig service; drlg. No drlg brks. BGG 240 units, CG 320 units. MW 9.  
vis 39, WL 11.2, PV 14, YP 8, Sand 1/8, Solids 5%, pH 9.0, Alk .10, M<sub>f</sub> .80, CL 2200 ppm, C  
120 ppm, Gels 0" 4, 10" 7, Cake 2/32, MBT 16.0 lb/bbl, Chr 300, 5% CLM. Cum Cst: \$294,16
- 7-20-80 7004'; (158'-14 1/2 hrs); Drlg.  
Drlg; circ & cond mud f/trip; trips f/new bit; wash & ream 60' to btm; drlg.  
Drlg Brk: 6876-6891'-- rate, bef 4.0"/ft, dur 1.0, after 5.0; BGG bef 320 units, dur 420,  
aft 300. BGG 240 units, CG 280 units, TG 480 units. MW 9.8, vis 37, WL 11.2, PV 14, YP 5  
Sand Tr, Solids 5%, pH 10.5, Alk .30, M<sub>f</sub> 1.0, CL 2200 ppm, CA 120 ppm, Gels 0" 3, 10" 6,  
Cake 2/32, MBT 15.0 lb/bbl, Chr 400, 2% LCM. (1 1/2" @ 6852'). Cum Csts: \$301,705.
- 7-21-80 7200'; (196'-21 hrs); POH f/logs.  
Drlg; rig service; drlg; circ f/logs (last 50 bbl mud); POH logs. BGG 230  
units, CG 270 units. MW 10.6, vis 44, WL 9.6, PV 19, YP 10, Sand 1/8, Solids 5%, pH 10.0,  
Alk .20, M<sub>f</sub> .90, CL 2200 ppm, CA 120 ppm, Gels 0" 7, 10" 11, Cake 2/32, MBT 160 lb/bbl, Cr  
400. Cum Csts: \$313,265.
- 7-22-80 7232'; LD DP.  
TOH f/logs; RU Schlumberger; 7231 log TD; run DIL & FDC-CNL; rig rep-draw  
works; TIH to 5030'; break circ; TIH to 7232'; circ f/4 1/2" csg; TOH, LD DP. MW 10.2, vis  
42, WL 9.6, PV 19, YP 10, Sand 1/8, Solids 5%, pH 10.0, Alk .2, M<sub>f</sub> .9, CL 2200 ppm, CA 120  
ppm, Gels 0: 7, 10" 11, Cake 2/32, BTP 16.0 lb/bbl, Chr 400. Cum Csts: \$333,820.
- 7-23-80 7232'; PBTD 7206'; ND BOPs  
LD DP; LD DC; RU & rn 222 stands 4 1/2" 11.6# N-80 L T & C to 7232'; RU Dowell &  
circ f/cmt; cmt 4 1/2" 20 bbl spot 1000, 20 bbl CW 100-2335 sx poz, 10% salt, 8% gel, 11#/sk  
Coalite; lost circ after 700 bbl; pmp 600 sx poz 2% gel 10% salt 1/2#/sk Flake; pmp 85 bbl  
5% KCL; press to 5800; SD pmp; ND BOPs. Cum Csts: \$412,939.
- 7-24-80 7232'; WOC.  
ND stack & clean pits; rig rel 1:00 PM 7-23-80. Bridges: cmt top 1500'-2250',  
3250', 3900', 4200', 5000'. Cum Csts: \$415,540.
- 7-25-80  
thru  
7-30-80 WOC.
- 7-31-80 7232'; PBTD 4999'; Prep to drl cmt @ 4999';  
WOC; MI RU Utah Well Service rig; PU 2-3/8" tbg, 3-3/4" mill, 4-3/8" DCs, 168  
jnts 2-3/8"; cmt top @ 4999; SION; RU power swivel.

**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

5. LEASE DESIGNATION AND SERIAL NO.

U-01567-A

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.

CIGE 32A-20-9-20

10. FIELD AND POOL, OR WILDCAT

Natural Buttes Field

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

Section 20-T9S-R20E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR

CIG Exploration, Inc.

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 2017' FWL & 2106' FSL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

43-047-30496

DATE ISSUED

7-8-80

15. DATE SPUNDED

7-1-80

16. DATE T.D. REACHED

7-22-80

17. DATE COMPL. (Ready to prod.)

8-13-80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

4760' Ungr. Gr.

19. ELEV. CASINGHEAD

Unknown

20. TOTAL DEPTH, MD & TVD

7232'

21. PLUG, BACK T.D., MD & TVD

6948'

22. IF MULTIPLE COMPL., HOW MANY\*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS  
CABLE TOOLS  
0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

6421' - 6930' Wasatch

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC-CNL, DIL, CBL

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"	47#	225'	12-1/4"	135 sacks	-----
4-1/2"	11.6#	7232'	7-7/8"	2935 sacks	-----

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/3-1/8"

casing gun w/2 SPF at: 6421', 6422', 6423', 6424', 6918', 6920', 6922', 6924', 6926', 6928', 6930' = total 11 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6421-6930'	Acidized w/2800 gals 7 1/2% HCl. Frac w/47,800 gals gel + 7000# 20/40 sand.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
8-10-80	Flowing	SI-WO pipeline					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-12-80	24	14/64	→	0	225	5	-----
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200	500 (SI)	→	0	225	5	-----	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

K. E. Oden

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

*F. McCormick*  
F. McCormick

TITLE Drilling 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 filed 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.
NO CORES OR DST'S			

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1746'	
Wasatch	5180'	

September 12, 1980

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

RE: Well No. Natural Buttes Unit  
CIGE 32A-20-9-20  
Sec. 20, T. 9S, R. 20E.,  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office August 21, 1980, from above referred to well (s) indicates the following electric logs were run: FDC-CNL, DIL, CBL. As of today's date this office has not received the Cement Bond log.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Barbara Hill*

BARBARA HILL  
CLERK-TYPIST



COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 1-1-11	FIELD NAME SOUTH PLATEAU	OPERATOR CODE 1	OPERATOR NAME SOUTHWESTERN GAS	WELL NAME S-1-11-11
CODE 371	LOCATION SECT. TWN/BLK RGE/SUR. 2 2S 27E	PANHANDLE/REDCLAY SEQ. NUMBER K-FACTOR 00375	FORMATION SOUTH PLATEAU	

WELL ON (OPEN)												FLOW TEST																	
			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING	
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	78
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

WELL-OFF (SHUT-IN)						SHUT-IN TEST				SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT. CIG: _____ OPERATOR: _____ COMMISSION: _____				
MO.	DAY	YR.	MO.	DAY	YR.	CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)												
11-12	13-14	15-18	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49		50	53	54	55
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	E	E

METER IP	25371 00375	REMARKS: FLOW TEST
----------	-------------	--------------------







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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-01567-A <i>PGW SGW</i>	
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 111204	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749		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  2057' FSL & 2106' FWL		8. FARM OR LEASE NAME Natural Buttes	
14. PERMIT NO. 43-047-30496		9. WELL NO. CIGE 32-20-9-20	
15. ELEVATIONS (Show whether DF, WT, OR, etc.) 4760' Ungraded GR		10. FIELD AND POOL, OR WILDCAT Bitter Creek Field	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec. 20-T9S-R20E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

**RECEIVED**  
NOV 09 1987

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"/>	(Other) <input type="checkbox"/>

(Other) TA

(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.)

*→ SI*

Please change the status of the above referenced well to temporarily abandoned.

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

SIGNED *Dave Dillon* TITLE Production Engineer DATE 11/4/87  
Dave Dillon

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



**CIG Exploration, Inc.**

A Unit of The Coastal Corporation

600 17th Street • Suite 800S  
Post Office Box 749 • Denver, Colorado 80201-0749

Phone (303) 572-1121

RECEIVED  
NOV 9 1987

November 10, 1987

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, & Mining  
3 Triad Center, Suite 358  
Salt Lake City, Utah 84180-1203

Re: Change of Well Status for:  
CIGE 32-20-9-20  
CIGE 83D-7-10-22  
CIGE 85D-29-10-21  
CIGE 69-19-10-21  
Uintah County, Utah

Gentlemen:

Enclosed please find Change of Status Sundry Notices for the above four wells.

Sincerely,

Brenda W. Swank  
Regulatory Analyst

BWS:dh

Enclosures

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-01567-A <i>PGW/Scw</i></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 111204</p> <p>7. UNIT AGREEMENT NAME Natural Buttes Unit</p> <p>8. FARM OR LEASE NAME Natural Buttes</p> <p>9. WELL NO. CIGE 32-20-9-20</p> <p>10. FIELD AND POOL, OR WILDCAT Bitter Creek Field</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR ARRA Sec. 20-T9S-R20E</p> <p>12. COUNTY OR PARISH 13. STATE Uintah Utah</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>NOV 09 1987</p>
<p>2. NAME OF OPERATOR CIG Exploration, Inc.</p>		
<p>3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749</p>		
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  2057' FSL &amp; 2106' FWL</p>		
<p>14. PERMIT NO. 43-047-30496</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4760' Ungraded 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"/>	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) _____	
(Other) <u>TA</u>	<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.) \*

Please change the status of the above referenced well to temporarily abandoned.

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

SIGNED <u>Dave Dillon</u>	TITLE <u>Production Engineer</u>	DATE <u>11/4/87</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-01567-A <span style="float: right;">PGW</span>
<b>2. NAME OF OPERATOR</b> CIG Exploration, Inc.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A <span style="float: right;">111615</span>
<b>3. ADDRESS OF OPERATOR</b> P.O. Box 749, Denver, CO 80201-0749		<b>7. UNIT AGREEMENT NAME</b> Natural Buttes Unit
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface  2057' FSL & 2106' FWL		<b>8. FARM OR LEASE NAME</b> Natural Buttes
<b>14. PERMIT NO.</b> 43-047-30496	<b>15. ELEVATIONS (Show whether DF, ST, GR, etc.)</b> 4760' Ungraded GR	<b>9. WELL NO.</b> CIGE 32-20-9-20
		<b>10. FIELD AND POOL, OR WILDCAT</b> Natural Buttes
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA</b> Sec. 20-T9S-R20E
		<b>12. COUNTY OR PARISH</b> <b>13. STATE</b> Uintah <span style="float: right;">Utah</span>

**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>TA</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.) \***

Above referenced well temporarily abandoned 11-9-87.

SI  
*Ypm*  
11-16-87

RECEIVED  
NOV 9 1987  
DIVISION OF OIL  
GAS AND MINING

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

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 11/10/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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 CIGE 32A-20-9-20

Operator CIG Exploration, Inc. Address P. O. Box 749, Denver, Colorado 80201

Contractor Loffland Brothers Address 410 17th St., Suite 1625, Denver, Co. 80202

Location NE 1/4 SW 1/4 Sec. 20 T. 9S R. 20E County Uintah

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 - 1746'  
Wasatch - 5180'

Remarks

- 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-1135  
Expires September 30, 1990

5 Lease Designation and Serial No

U-01567A

6 If Indian, Allottee or Tribe Name

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.

RECEIVED  
JUN 13 1990  
DIVISION OF  
OIL, GAS & MINING

SUBMIT IN TRIPLICATE

N/A

If Unit or CA Agreement Designation

1. Type of Well

Oil Well  Gas Well  Other

Natural Buttes Unit

2. Name of Operator

CIG Exploration, Inc.

8. Well Name and No.

CIGE #32-20-9-20

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

9. API Well No.

43-047-30496

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

2057' FSL & 2106' FWL  
Section 20, T9S-R20E

10. Field and Pool, or Exploratory Area

Bitter Creek Field

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

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other

Temporarily Abandoned

(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.)

Due to economic conditions, CIG Exploration requests continued TA status for the above-referenced well.

OIL AND GAS	
DPN	RJF
2-JRB ✓	GLH
DTS	SLS
1-Dme ✓	
2-Dme ✓	
4- MICROFILM ✓	
5- FILE	

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

Signed

*Colleen Ann Day*

Title

Regulatory Analyst

Date 6-4-90

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
U-01567A

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. If Indian, Allottee or Tribe Name:  
N/A

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 TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:  
Natural Buttes Unit

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
CIGE 32-20-9-20

2. Name of Operator:  
Coastal Oil & Gas Corporation

9. API Well Number:  
43-047-30496

3. Address and Telephone Number:  
P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat:  
Bitter Creek Field

4. Location of Well  
Footages: 2057' FSL and 2106' FWL  
QQ, Sec., T., R., M.: NE/SW Section 20-T9S-R20E

County: Uintah  
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Annual Status Report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

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.

12. 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.)

The above referenced well is TA'd as it is uneconomical to produce. There are no plans at this time to workover or recomplete.

**RECEIVED**

FEB 16 1993

DIVISION OF  
OIL, GAS & MINING

13.

Name & Signature:

*Eileen Danni Dey*  
Eileen Danni Dey

Title: Regulatory Analyst

Date: 2/12/93

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**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-01567-A**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA/Agreement, Name and/or No  
**N/A**

8. Well Name and No.  
**CIGE #32A**

9. API Well No.  
**43-047-30496**

10. Field and Pool, or Exploratory Area  
**Ouray**

11. County or Parish, State  
**Uintah County Utah**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Coastal Oil & Gas Corporation**

3a. Address  
**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)  
**(435)-781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec. 20, T9S, R20E**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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"/> Alter 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 approximated 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 BLM/BIA. Required subsequent reports shall 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 shall 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 final site is ready for final inspection.)

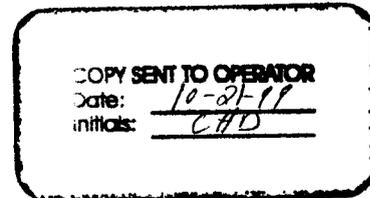
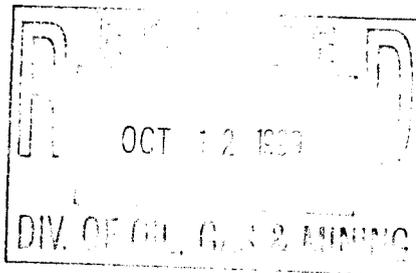
Coastal Oil & Gas Corporation requests authorization to do a P&A on the reference well.

Please refer to the attached P&A Procedure.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 10-21-99

By: D. Jones



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

*Sheila Upchego*

Title  
**Environmental Secretary**

Date **10/7/99**

**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	

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.

**CIGE # 32A – PLUG & ABANDON PROCEDURE**

Section 20 – T9S – R20E

Uintah County, UT

September 22, 1999

ELEVATION: 4760' GL 4774' KB (14')  
TOTAL DEPTH: 7342' PBTD: 6948'  
CASING: 9 5/8", 47#, K-55 @ 220' Cemented w/ 125 sx.  
4 1/2", 11.6#, N-80 LT&C @ 7232' Cemented w/ 2335 sx.  
TOC @ 1500'.

TUBING: None.

PERFORATIONS: Wasatch/MV: (1 shot/ft @ each depth – 11 holes)  
6421'; 6422'; 6423'; 6424'; 6918'; 6920'; 6922'; 6924'; 6926'; 6928';  
6930'

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.6# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# N-80 csg	7,290	6,350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227
4 1/2" by 9 5/8" Annulus				0.05353	2.2484

**OBJECTIVE:**  
Plug and Abandon

Note: All water used to displace cement and placed between plugs should contain corrosion inhibitor and should be 8.8 to 9.2 ppg. Also, all squeezes must be a minimum of 100' and 25 sacks.

1. MIRU workover rig. Nipple down wellhead and Install BOPE. Kill well with water if necessary. POOH laying down tubing. Pick up cement retainer and RIH picking up 2 3/8", J-55, EUE tubing (workstring) to ± 6401'. Break circulation through retainer before setting. Set cement retainer @ ± 6401'.
2. MIRU cementers. Mix and pump 81 sacks of Class G cement containing 1/4 lb/sack of cellophane flakes. Displace 76 sacks of cement below retainer using 23.75 bbls of water or until pressure reaches 500 psi. Sting out of retainer and place remaining cement (5 sacks) on top of retainer by displacing with an additional 1 bbl of water.
3. Pull up hole 200' laying down tubing. Open production casing / surface casing annulus. Circulate (fill) hole with water and pressure test production casing to 500 psi. If circulation comes to surface outside of production casing or production casing does not hold pressure, then fill production casing to surface with cement and go to step # 6.

4. If casing held pressure, pull tubing up hole to 3364'. Mix and pump 25 sacks of neat class "G" cement down tubing to spot a balance plug. Pump at low rates (1 BPM). Displace cement for balance plug by pumping 11.6 bbls of water. Slowly pull up hole to 270' laying down work string.
5. Mix and pump 25 sacks of cement down tubing while laying down last 270' of tubing to set surface plug.
6. Remove wellhead and RIH with 1" pipe between surface (9 5/8") casing and production casing annulus to top of cement or depth of surface casing (270'). Fill annulus to surface with cement (approximately 68 sx including 10% excess).
7. RD and cut off wellhead. Install dry hole marker. Reclaim location.

TWK

Approvals:

Prod. Manager \_\_\_\_\_

CEMENT DETAILS:

PERFORATIONS:

Cement: Class "G" w/ .25 lb/sk cellophane flakes  
Weight: 15.79 ppg  
Water: 4.97 gal/sk  
Yield: 1.15 ft<sup>3</sup>/sk

MID - BALANCE PLUG:

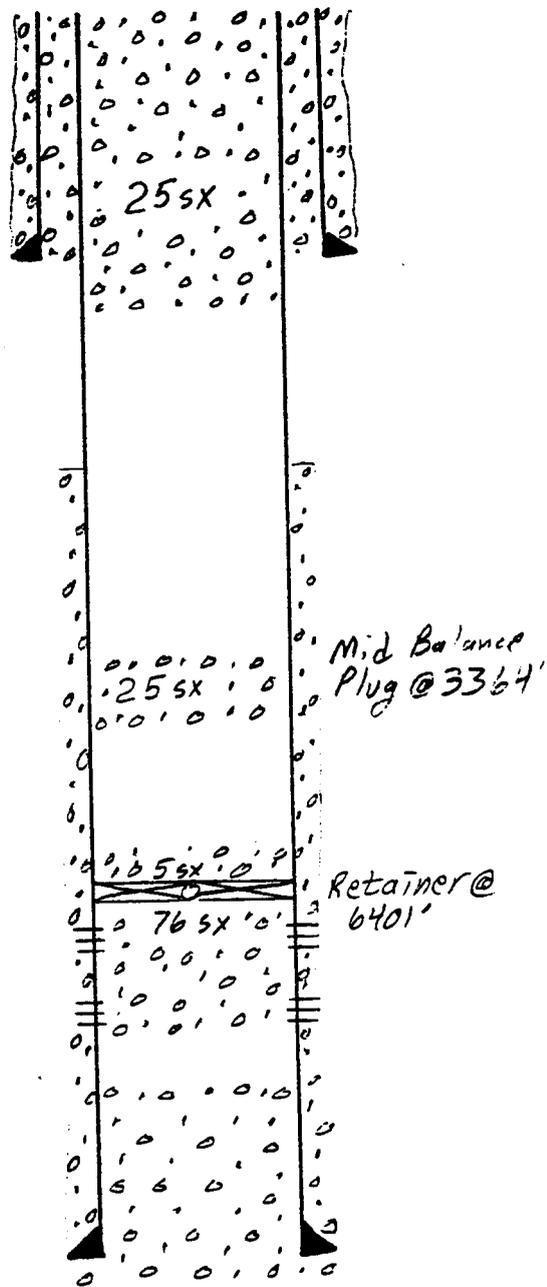
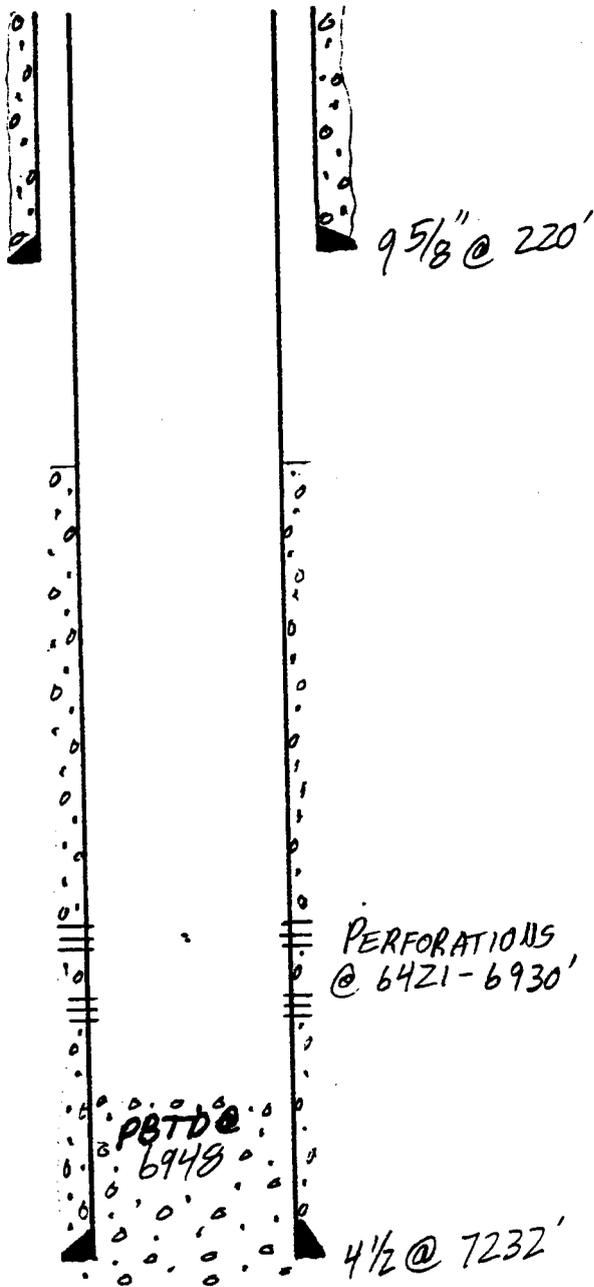
Cement: Class "G" Neat  
Weight: 15.8 ppg  
Water: 4.97 gal/sk  
Yield: 1.14 ft<sup>3</sup>/sk

SURFACE CEMENT:

Cement: Class "G" + 2% Calcium Chloride  
Weight: 15.8 ppg  
Water: 4.98 gal/sk  
Yield: 1.16 ft<sup>3</sup>/sk

BEFORE

AFTER



TD @ 7342'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U- 01567-A
2. Name of Operator Coastal Oil & Gas Corporation		6. If Indian, Allottee or Tribe Name N/A
3a. Address P.O. Box 1148, Vernal UT 84078	3b. Phone No. (include area code) (435)781-7023	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec.20,T9S,R20E		8. Well Name and No. Cige #32A
		9. API Well No. 43-047-30496
		10. Field and Pool, or Exploratory Area Ouray
		11. County or Parish, State Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter 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>P&amp;A</u>
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Completion Report</u>
	<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 BLM/BIA. Required subsequent reports shall 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 shall 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 final site is ready for final inspection.)

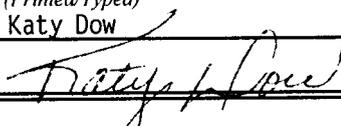
Get injection rate 2 BPM @ 1680# PSI, pump 90 sx Class "G" 15.8 + 1/4#/sx Cellophane, lock up w/37 sx below RET 53 sx above POOH to 5696'. Displace hole w/9.2 brine water to 3360', pump 25 sx Class "G" 15.8 Cmt top of Cmt @ 3039', pump 15 sx Class "G" 15.8# Cmt top of 1603'. Pump down Csg, RIH w/4.5 Cmt, set @ 690'. Rig down. RIH w/ stinger sting, pump 40 sx Class "G" 15.8 Cmt out side of Csg. 15 sx in side Cmt top @ 492' POOH & L/D TBG to 270', pump 20 sx Class "G" Cmt to surface. Cut off well head PU RIH w/1' to 220', pump 126 sx Class "G" 15.8 Cmt to surface. Well P&A'd on 2/25/00.

Please refer to the attached Drilling Program & Chronological Well History

**RECEIVED**

APR 17 2000

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Katy Dow	Title Environmental Jr. Analyst
	Date 4/13/00

**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	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

DATE: 02/24/00

WELL: CIGE 32A

COUNTY: UINTAH

SEC: 20

FOREMAN: JD FOREMAN

FIELD: NBU

STATE: UTAH

TWS: 9S

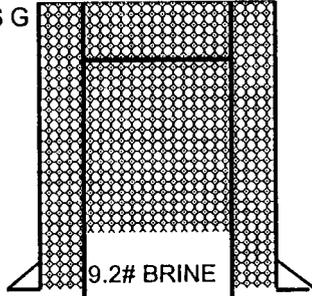
RGE: R20E

KB \_\_\_\_\_

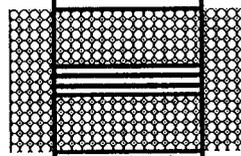
RIG No. GWS# 101

CMT TOP SURF  
CMNT PLUG #5 17 SX CLASS G  
CMT BTM 270'

WELDED PLATE

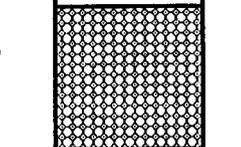


CMT TOP 492'  
16 SX CLASS G 15.8 CMT ABOVE  
CMT RET @ 690' PLUG#4  
49 SX CLASS G 15.8 BELOW RET  
CMT BTM 694'



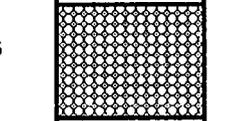
PERF 4 HOLE @ 692'

CMT TOP 1605'  
CMT PLUG #3 15 SX CLASS G



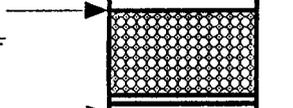
CMT BTM 1805'

CMT TOP 3039'  
CMT PLUG #2 25 SX CLASS G



CMT BTM 3360'

CMT TOP @ 5696'  
53 SX CLASS G ON TOP RET



CMT RET. @ 6405'  
37SX CLASS G BELOW RET  
Orig. PBD 6948'

4-1/2" Csg @ 7342'

CASING RECORD

Table with columns: SIZE, WT, GRADE, THD, FROM, TO. Rows: 9 5/8" 36# K-55 0 220', 4 1/2" 11.6# N-80 0 7332'

TUBING RECORD

Table with columns: SIZE, WT, GRADE, THD, FROM, TO. Row: 0

Table with columns: JTS, PSN, TAC, MUD ANCHOR Size, Length

SUCKER ROD RECORD

Table with columns: NO, SIZE, GRADE, CPLG

ROD ROTATOR Yes No

GAS ACHOR Size Length

ROD GUIDE PLACEMENT (DESCRIBE):

PUMP DATA:

Table with columns: MANUFR, SIZE, DESCR, SPM, SL

COMMENTS/PERFORATIONS:

WASATCH / MESAVERDE PERFS 6421'-6930' 11 HOLES

RECEIVED

APR 17 2000

DIVISION OF OIL, GAS AND MINING

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

CIGE #32A

Page 1

NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100 AFE:  
PBTD: CSG: 4.5 X 11.6 @ 7232'  
PERFS:  
CWC: \$

**RECEIVED**

APR 17 2000

**DIVISION OF  
OIL, GAS AND MINING**

7/17/95 **Shut in to build pressure.** TP 2900, CP 2850. Open well. Throw test sept on 18 ch in 3 hrs. Hrd choke, open to 50. Well pulled down to 85 TP, 125 CP. Made 6 bbls cond, no water. SI to build pressure.  
DC: \$ 950 CC: \$ 950

7/18/95 **Hook up. Flow meter on.** Blow down . Hold. 300 psi on seperator which is line pressure! Test gas, thought would sell if well was on pipeline. Open to pit after 1 hr, 45 min. Blew 45 min install 3/8 plate. Put back on for test @ 1:30. Selling 134, 9 day.  
DC: \$ 350 CC: \$ 1,300

7/19/95 TP 290, LP 26 psi, MMCF 109, Wtr 0, Down 2. BW.

7/20/95 TP 290, LP 26 psi, MMCF 116, Wtr 0, Down 0.

7/21/95 TP 280, CP 600, LP 0, MMCF 100, Wtr 0, Down 0.

7/22/95 TP 280, CP 680, LP 0, MMCF 73, Wtr 0, Down 0.

7/23/95 TP 270, CP 425, LP Hold 270, MMCF 73, Wtr 0, Down 0. To pit, Beck pressure valve.

7/24/95 TP 265, CP 525, LP 265, MMCF 61, Wtr 0, Down 0. Turn up to 270.

7/25/95 TP 300, CP 550, LP 268, MMCF 44, Wtr 0, Down 0.

7/26/95 TP 300, CP 490, LP 295, MMCF 61, Wtr 7, Down 0. 3/8 plate.

7/27/95 TP 310, CP 475, LP 295, MMCF 79, Wtr 2.33, Down 0.

7/28/95 TP 310, CP 525, LP 0, MMCF 65, Wtr 1.16, Down 0.

7/29/95 TP 300, CP 500, LP 0, MMCF 69, Wtr 1.16, Down 0. Change f/3/8 to 1/4.

7/30/95 TP 290, CP 510, LP 0, MMCF 47, Wtr 2.32, Down 0. Change f/3/8 to 1/4.

AFE: P& A, 90048

02/22/00 **RU EQUIP. ROAD RIG F/ THE NBU #247. MIRU RIG. SICP=3000#, SITP=3000#. BLOW WELL DN. WAIT ON EQUIP, MUDDY CONDITIONS. SDFD, WAIT ON EQUIP.**  
(DAY 1) TC: \$2,375

02/23/00 **POOH W/ SCAPER, RIH W/ CMT RTNR. SICP=2300 #, SITP=2300#, RIG UP RIG EQUIP, BLOW WELL DOWN. PMP 70 BBL F/WTR DN TBG. NDWH, NUBOP, R.U. 2 3/8' TBG EQUIP. POOH W/2 3/8' PROD BHA (SLM) 201 JT'S =6143.75'. RIH W/ 41/2' CSG SCAPER, WKR SCRAPER F/ 6380- 6420'. POOH W/SCRAPER. LEAVE 3386' OF KIL STRING IN WELL. DRAIN PUMP AND LINES. SWI, SDFD. EOT@ 3386'.**  
(DAY 2) TC: \$7,520

2/24/00 **PUMP CMT PLUG P AND A. POOH PU 4.5 CMT RET RIH SET @ 6405' GOT INJ 1.5 BPM @ 500#. TEST TBG TO 2000# OK STRAING OUT AND IN RET. SDFN W/O CMT CREW.**  
(DAY 3) TC: \$9,905

- 02/25/00 P & A. MIRU DOWELL GET INJ RATE 2 BPM @ 1680# PSI MIX & PUMP 90 SX CLASS G 15.8 + 1/4# /SX CELLOPHANE FORM LOCK UP W/ 37 SX BELOW RET 53 SX ABOVE POOH TO 5696' DISP HOLE W/ 9.2 BRINE WTR POOH TO 3360' MIX & PUMP 25 SX CLASS G 15.8 CMT TOP OF CMT @ 3039' POOH TO 1805' MIX & PUMP 15 SX CLASS G 15.8# CMT TOP OF 1603' POOH & LD TBG MIRU CUTTERS RIH & PERF \$ HOLE @ 692' PUMP DOWN CSG UP BACK SIDE PU & RIH W/ 4.5 CMT RET SET @ 690' POOH RIG DOWN CUTTERS PU & RIH W/ STINGER STING IN RET MIX & PUMP 40 SX CLASS G 15.8 CMT OUT SIDE OF CSG 15 SX IN SIDE CMT TOP @ 492' POOH & L/D TBG TO 270' MIX & PUMP 20 SX CLASS G 15.8 CMT CMT SURF POOH & L/D TBG NDBOP CUT OFF WELL HEAD PU RIH W/ 1" TO 220' MIX & PUMP 126 SX CLASS G 15.8 CMT TO SURF INSTALL DRY MARKER RIG DOWN SDFN.  
(DAY 4) TC: \$28,927
- 02/26/00 WOC. GAS CAME UP THRU. BLEW SOME CMT OUT OF HOLE. CALL F/CMT TO RECMT. GAS LEAKING UP THRU CMT. LEFT MARKER OFF WOC. SDFN.  
(DAY 5) TC: \$32,382
- 02/29/00 ROAD RIG. WELL IS STILL VENTING GAS. CONTACT BLM. WELD PLATE ON THE 9 5/8" CSG, WELD 5' PIPE ON PLATE W/WELL INFO. WELD NIPPLE IN THE TOP OF THE PIPE. INSTALL VALVE AND GAUGE, TO MONITOR WELL. WELL WILL BE MONITORED BY THE PUMPER.SDFD. LAST REPORT.  
(DAY6) TC: \$34,930
- 04/07/00 P & A. MIRU DOWELL SQUEEZE 1.5 BBL CLASS G CMT INTO LEAK SQZ TO 800# LOCK UP. SDFN.  
(DAY 6) TC: \$39,616

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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-01567-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or

N/A

8. Well Name and No.

CIGE #32A

9. API Well No.

43-047-30496

10. Field and Pool, or Exploratory Area

Ouray

11. County or Parish, State

Uintah County UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435)-781-7048

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

2057' FWL 2106' FSL  
SECTION 20-T9S-R20E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" 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>P &amp; A</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>WELL RECLAMATION</u>
	<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 zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall 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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation submits a final abandonment notice that the location on the above referenced well has been reclaimed and is ready for final inspection.

**RECEIVED**

JUN 12 2000

DIVISION OF  
OIL, GAS AND MINING

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

Deborah A. Harris, PG

Title

Sr. Environmental Coordinator

Date 5/31/00

**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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

**Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.**

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

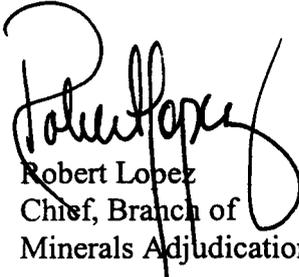
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

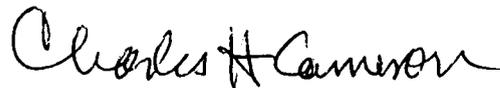
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 1 0 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		8. WELL NAME and NUMBER: Exhibit "A"
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		9. API NUMBER:
PHONE NUMBER: (832) 676-5933		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE:  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY:  STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

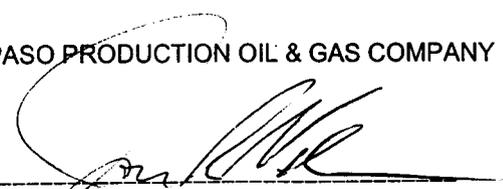
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

**RECEIVED**  
**FEB 28 2003**  
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**

9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UT**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED EXHIBIT "A"**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input 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"/> Alter 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
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <b>SUCCESSOR OF OPERATOR</b>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

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

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158628364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

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

Name (Printed/Typed)

**CHERYL CAMERON**

Title

**OPERATIONS**

Signature

Date

**March 4, 2003**

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE 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

Title 18 U.S.C. Section 1001, 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 reverse)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: <b>12-17-02</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No. Unit: NATURAL BUTTES**

WELL(S)	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
NBU 350	14-10S-22E	43-047-33642	2900	STATE	GW	P
NBU 461	14-10S-22E	43-047-34823	99999	STATE	GW	APD
CIGE 295	14-10S-22E	43-047-34820	99999	STATE	GW	APD
NBU 213	15-10S-22E	43-047-32401	2900	FEDERAL	GW	S
CIGE 21-15-10-22	15-10S-22E	43-047-30255	2900	FEDERAL	GW	PA
NBU 30	16-10S-22E	43-047-30306	2900	STATE	GW	PA
NBU 386	17-10S-22E	43-047-34238	99999	FEDERAL	GW	APD
NBU 471	17-10S-22E	43-047-34834	99999	FEDERAL	GW	APD
NBU 22	18-10S-22E	43-047-30256	2900	STATE	GW	PA
NBU 385	18-10S-22E	43-047-34228	99999	STATE	GW	APD
CIGE 263	19-10S-22E	43-047-34226	99999	STATE	GW	APD
CIGE 264	19-10S-22E	43-047-34227	99999	STATE	GW	APD
NBU CIGE 65-19-10-22	19-10S-22E	43-047-30554	2900	STATE	GW	PA
NBU 17	19-10S-22E	43-047-30214	2900	FEDERAL	GW	PA
NBU 16-20-10-22	20-10S-22E	43-047-30483	2900	FEDERAL	GW	PA
NBU 32A-20-9-20	20-10S-22E	43-047-30496	2900	FEDERAL	GW	PA
NBU 383	21-10S-22E	43-047-34236	99999	FEDERAL	GW	APD
NBU 382	22-10S-22E	43-047-34235	99999	FEDERAL	GW	APD
NBU 58-23B	23-10S-22E	43-047-30463	2900	FEDERAL	GW	P
NBU 381	23-10S-22E	43-047-34234	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **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-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The 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:**

1. Changes entered in the Oil and Gas Database on: 03/24/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/24/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** 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:**

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**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No. Unit: NATURAL BUTTES**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ANKERPONT 35-36	35-08S-21E	43-047-31960	2900	FEDERAL	GW	P
NBU 49-12B	12-09S-20E	43-047-30470	2900	FEDERAL	GW	P
NBU 45N	12-09S-20E	43-047-30875	2900	FEDERAL	GW	P
NBU 317-12E	12-09S-20E	43-047-32362	2900	FEDERAL	GW	P
NBU 2-15B	15-09S-20E	43-047-30262	2900	FEDERAL	GW	P
NBU CIGE 22-15-9-20	15-09S-20E	43-047-30497	2900	FEDERAL	GW	P
CIGE 120-15-9-20	15-09S-20E	43-047-32251	2900	FEDERAL	GW	P
CIGE 121-15-9-20	15-09S-20E	43-047-32252	2900	FEDERAL	GW	P
CIGE 265	15-09S-20E	43-047-34781	99999	FEDERAL	GW	APD
NBU 322-15E	15-09S-20E	43-047-33139	2900	FEDERAL	GW	S
NBU CIGE 32A-20-9-20	20-09S-20E	43-047-30496	2900	FEDERAL	GW	PA
NBU 19-21B	21-09S-20E	43-047-30328	2900	FEDERAL	GW	P
NBU 66	21-09S-20E	43-047-31086	99998	FEDERAL	GW	PA
NBU 118	22-09S-20E	43-047-31969	2900	FEDERAL	GW	P
NBU 119	22-09S-20E	43-047-31973	2900	FEDERAL	GW	P
NBU 294	22-09S-20E	43-047-33020	99998	FEDERAL	GW	PA
NBU 294X	22-09S-20E	43-047-33465	2900	FEDERAL	GW	P
NBU 448	22-09S-20E	43-047-34782	99999	FEDERAL	GW	APD
NATURAL BUTTES SWD 4-22	22-09S-20E	43-047-33611	99999	FEDERAL	GW	LA
NBU 7	23-09S-20E	43-047-15379	9244	FEDERAL	GW	PA

**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: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **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-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The 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:**

1. Changes entered in the **Oil and Gas Database** on: 03/07/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/07/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** 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:**

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CIGE 011GR	14-9-20 SWSE	UTU0017A	891008900A	43047307400S1
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1
CIGE 014	9-10- NESW	UTU01196B	891008900A	430473048400S1
CIGE 018	2-10-21 NWNW	ML22652	891008900A	430473047100S1 ✓
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473045900S1
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473048500S1
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473049700S1
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473033300S1 ✓
CIGE 024	29-9-22 SESW	U01207	891008900A	430473049300S1
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073700S1
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073800S1
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473073900S1 ✓
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473049800S1
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473051100S1
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049600S1
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1 ✓
CIGE 037D	21-9-21 SWSE	UTU0576	891008900A	430473091000S1
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473049500S1
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473074000S1
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049200S1 ✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473049100S1 ✓
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052700S1
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052800S1
CIGE 046	21-9-21 NENE	UTU0576	891008900A	430473052900S1
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473051000S1
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473050600S1
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473088900S1 ✓
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053100S1
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473053300S1
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473085100S1 ✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473051200S1 ✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473053000S1 ✓
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473054300S1
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473053200S1
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473054900S1
CIGE 061	13-9-21 SENW	U01193	891008900A	430473055000S1
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473088500S1 ✓
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473094900S1
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473095000S1
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473054200S1
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473095100S1
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473063500S1
CIGE 070	20-9-21 NESE	UTU0575	891008900A	430473063600S1
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063700S1
CIGE 072	18-9-21 SWNE	UTU0575	891008900A	430473063400S1
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095200S1
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095300S1
CIGE 075D	8-10-21 SENE	UTU01791	891008900A	430473095400S1
CIGE 076D	9-10-21 NENE	UTU01416	891008900A	430473095500S1
CIGE 077D	10-10-21 SESE	UTU0149079	891008900A	430473095600S1
CIGE 078C	16-9-21 NENW	UTU38409	891008900A	430473087000S1
CIGE 079D	1-10-21 NENE	ML23612	891008900A	430473089600S1 ✓
CIGE 080D	2-10-21 NWNW	ML22652	891008900A	430473085300S1 ✓
CIGE 081D	4-10-21 NENE	ML22940	891008900A	430473085400S1
CIGE 086D	16-9-21 SWSE	ML3282	891008900A	430473088600S1
CIGE 087D	34-9-21 NENE	U01194A	891008900A	430473086900S1 ✓
CIGE 088D	15-10-21 NWNW	UTU01791A	891008900A	430473095800S1
CIGE 089D	34-9-22 SENE	UTU0149077	891008900A	430473114600S1
CIGE 090D	9-9-21 NWNW	UTU01188A	891008900A	430473114900S1
CIGE 091D	15-9-21 NWNW	UTU01188	891008900A	430473115100S1

**Westport Oil & Gas, L.P.**

**Project Economics Worksheet**

**Instructions:**

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

**Condensate Shrinkage Economics**

Is this job a well pull or production rig job ???  N  (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

**Increased OPX Per Year**

**Investment Breakdown:**

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

**Production & OPX Detail:**

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

**Project Life:**

Life =  Years  
(Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout =  Years or  Days

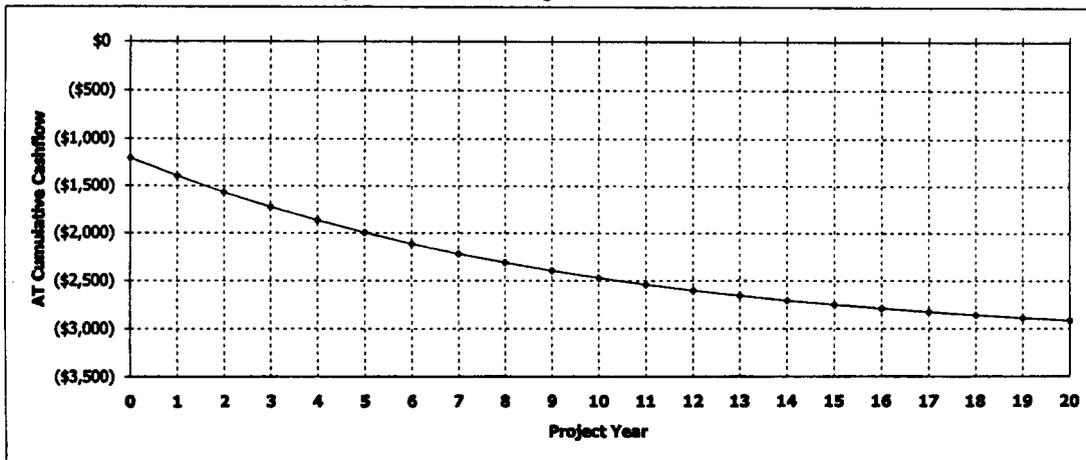
**Gross Reserves:**

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

**An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.**

**Project: Condensate Shrinkage Economics**



**Westport Oil and Gas, Inc.**  
**NBU/Ouray Field**  
RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**  
Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT					
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**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: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 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 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

**9. Underground Injection Control ("UIC")** The 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:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** 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: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address **1368 SOUTH 1200 EAST VERNAL, UT 84078**  
3b. Phone No. (include area code) **(435) 781-7024**

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

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

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

13. Describe Proposed or Completed Operations (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 BLM/BIA. Required subsequent reports shall 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 shall 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 KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**  
**MAY 10 2006**

BLM BOND = C01203  
BIA BOND = RLB0005239

**APPROVED 5/16/06**

*Earlene Russell*  
Division of Oil, Gas and Mining  
**Earlene Russell, Engineering Technician**

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)  
**RANDY BAYNE**  
Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**  
Date  
**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE 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 \_\_\_\_\_

Title 18 U.S.C. Section 1001, 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address  
**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7024**

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

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

13. Describe Proposed or Completed Operations (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 BLM/BIA. Required subsequent reports shall 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 shall 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.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

RECEIVED  
 MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature	Date <b>May 9, 2006</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
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		

Title 18 U.S.C. Section 1001, 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.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

U.S. DEPT. OF OIL, GAS & MINERALS