

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER _____
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 CIG EXPLORATION, INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1898' FWL & 1769' FSL, Section 1, T10S, R20E
 At proposed prod. zone
 SAME AS ABOVE NE SW

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 1062.5'

16. NO. OF ACRES IN LEASE
 2162.77

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

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

19. PROPOSED DEPTH
 7400'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4979' UNGRADED GROUND

23. PROPOSED CASING AND CEMENTING PROGRAM

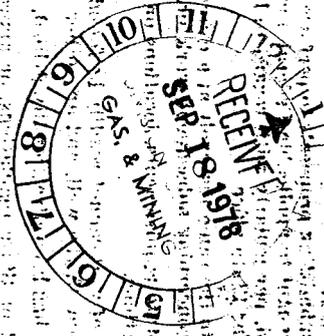
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	7400'	CIRCULATE CEMENT BACK TO SURFACE

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

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

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

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.



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

24. SIGNED F. R. MIDKIFF TITLE DISTRICT SUPERINTENDENT DATE September 13, 1978
 (This space for Federal or State office use) APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

PERMIT NO. _____ APPROVAL DATE DATE: 9-19-78
 APPROVED BY _____ TITLE _____ BY: C.B. Wright
 CONDITIONS OF APPROVAL, IF ANY:

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).

11/1/78
Date

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

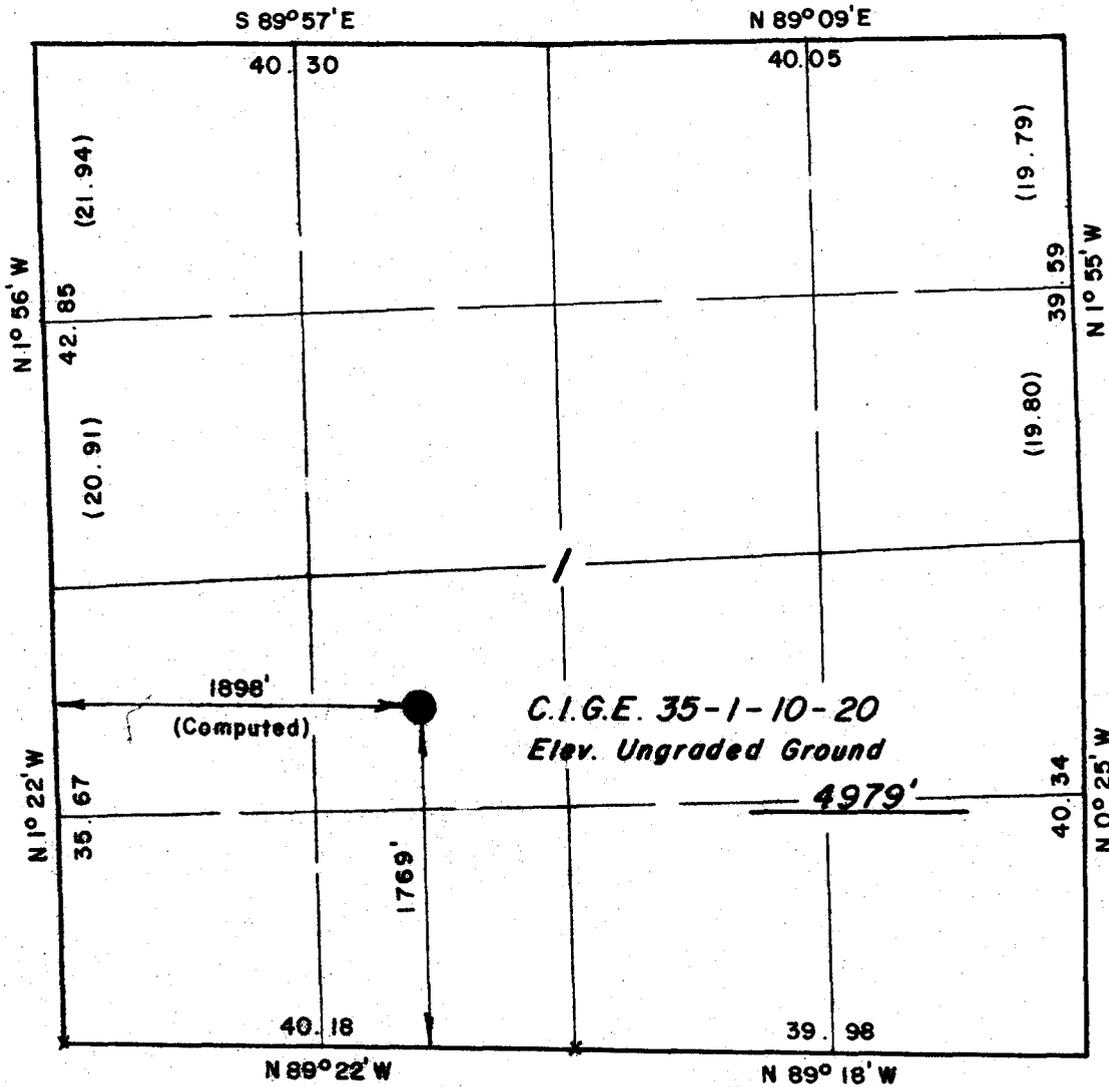


NESW sec 1 T10S, R20E
#35 NATURAL BUTTES UNIT
CIG Exploration
note wildlife
↑
north

T 10 S, R 20 E, S. L. B. & M.

PROJECT
C.I.G. EXPLORATION, INC.

Well location, C.I.G.E. 35-1-10-20,
located as shown in the NE 1/4 SW 1/4
Section 1, T 10 S, R 20 E, S. L. B. & M.
Uintah County, Utah.



X = Section Corners Located



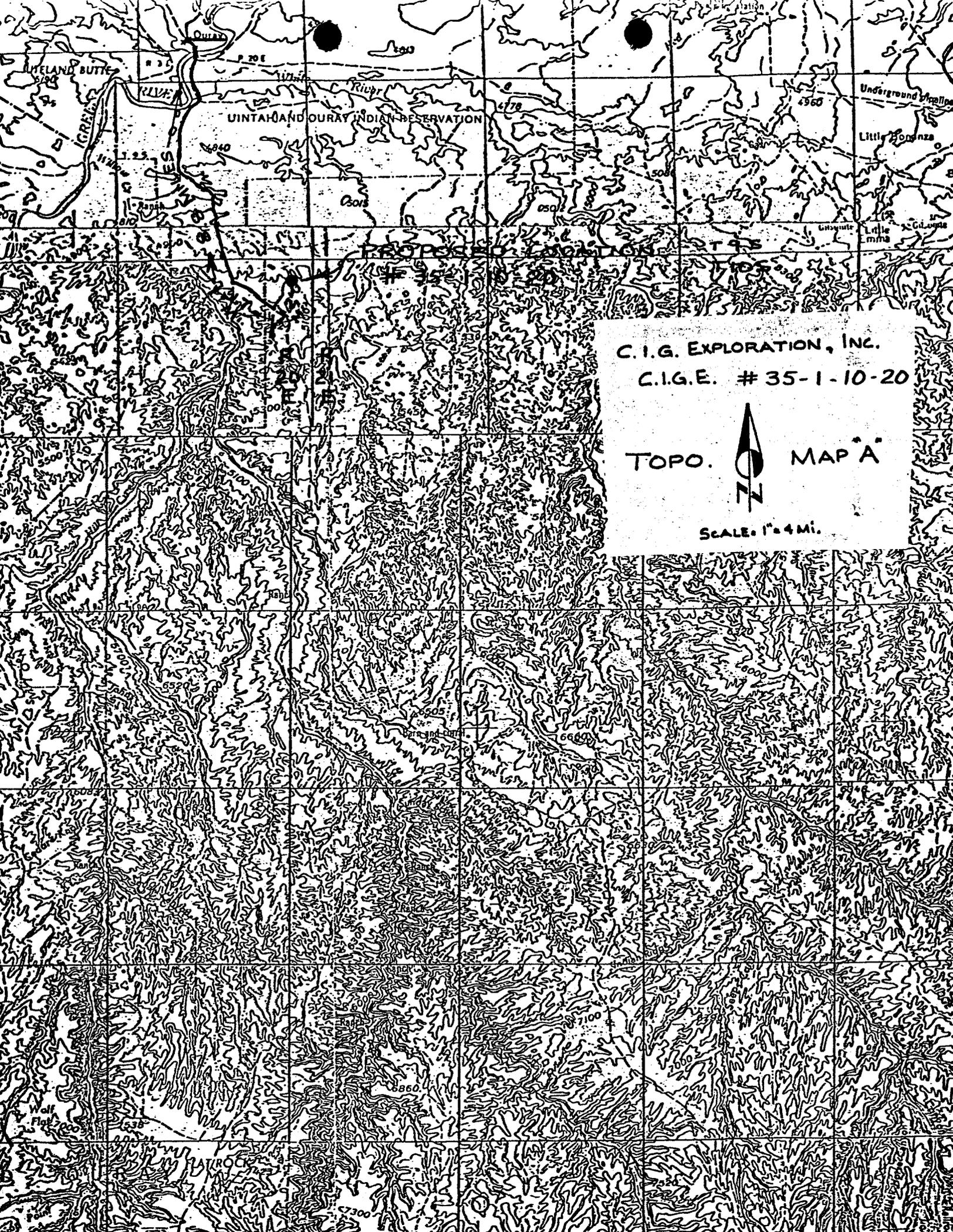
CERTIFICATE

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

Don J. Ingalls
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 S. S. D. S.	REFERENCES GLO Plat
WEATHER Fair	FILE C. I. G. E.



UINTEAH AND OURAY INDIAN RESERVATION

PROPOSED EXPLORATION ST 35

C.I.G. EXPLORATION, INC.
C.I.G.E. # 35-1-10-20

TOPO.  MAP 'A'

SCALE: 1" = 4 Mi.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Moab District Office

Summary Report of
Inspection for Cultural Resources

BLM Use Only: Use Initials.

(Use File _____)

Report Acceptable: Yes ___ No ___

Mitigation Acceptable: Yes ___ No ___

Comments: _____

Project Name, Developer
Producing Enterprises Archeological Reconnaissance for Proposed Well
Locations and Associated Access Roads in the Natural
Buttes Locality of Uintah County, Utah (GPE-78-5A)

Legal Description of Project Area (Attach Map Also)

See attached sheet

Institution Holding Antiquities
Museum of Ethnology and Archaeology
Brigham Young University; Provo, Utah

4. Antiquities Permit No.

78-Ut-014

Dates of Field Work

September 12 through 21, 1978

Description of Examination Procedures

Drill Pads: Parallel transects ca. 15 meters apart were performed. Each transect extended at least 15 meters beyond the marked boundaries of the pad.
Access Roads: Two parallel transects were performed for each access road; each ca. 15 meters apart. In this manner a corridor ca. 30 meters (98 feet) wide was examined.

Description of Findings (Attach forms or detailed report, if appropriate)

No cultural resource sites were discovered during the performance of the surface reconnaissance.

Actual/Potential National Register Properties Affected

The National Register of Historic Places was consulted. No National Register properties will be affected by the activities described above.

Conclusions/Recommendations

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading to 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 otherwise alter the construction site.

Signature of Person in Direct Charge of Field Work

Dennis G. Wader

Signature of Title of Institutional Officer Responsible

JR + [unclear]

11. OTHER INFORMATION - continued

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.

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

CIGE 35-1-10-20 location site sits on a relative flat area above a small non-perennial drainage which drains to the North into the White River.

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

The ground sloped from the East Southeast through the location to the West Northwest at approximately a 3% grade.

The location is covered with some sagebrush and grasses.

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

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

12. LESSEE'S OPERATOR'S REPRESENTATIVE

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

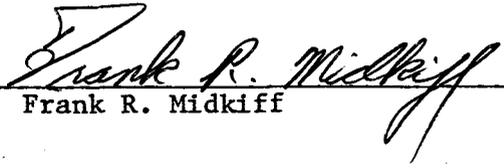
TELE: 1-303-572-1121

13. CERTIFICATION

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

Date

9/13/78


Frank R. Midkiff

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
CIG EXPLORATION INC. *CIG 35-1-10-20	1898' FWL & 1769' FSL (NE 1/4 SW 1/4) SEC. 1, T. 10S, R. 20E, SLM UTAH COUNTY UTAH G. E. L. 4979'	U-02270-A
<ol style="list-style-type: none"> 1. Stratigraphy and Potential Oil and Gas Horizons. 2. Fresh Water Sands. 3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) 4. Possible Lost Circulation Zones. 5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. 6. Possible Abnormal Pressure Zones and Temperature Gradients. 7. Competency of Beds at Proposed Casing Setting Points. 8. Additional Logs or Samples Needed. 9. References and Remarks Within KGS. 	<p>The surface rocks are Miocene (Tertiary) and the Wasatch Formation is expected to contain gas. Numerous wells have been drilled in this township so control is good. Projected tops by the operator are reasonable.</p> <p>Fresh / usable water could occur in the sands of the Miocene and Green River Formations to a depth of about 3,000 ± feet.</p> <p>Within an area considered valuable prospectively for solid and semi-solid bitumens (Silicite) Within oil shale withdrawal E.O. 5327. From Cashions map the top of the mahogany zone is estimated at a depth of about 2100'. Well site is underlain by a continuous sequence of oil shale beds (550 ft. thick) that will yield 15 gallons of oil per ton of oil shale. Protect oil shale beds from 2,000 - 2,700 ± ft. Delineate and protect oil shale beds of Parashute Creek member.</p> <p>Protect any fresh / usable aquifers penetrated.</p> <p>Operator does not anticipate abnormal pressures, temperatures or H₂S gas.</p> <p>Probably adequate.</p> <p>Well is in an area where Cashions states sonic density, gamma ray and neutron logs are useful for evaluation of oil shale resource.</p> <p>Cashions oil shale maps.</p>	
Date: 9/28/78	Signed: R.E.G.	

CIGE 35-1-10-20
Section 1, T10S, R20E
Uintah County, Utah

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER .. 1500'

WASATCH 4840'

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

WASATCH 4840' - 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

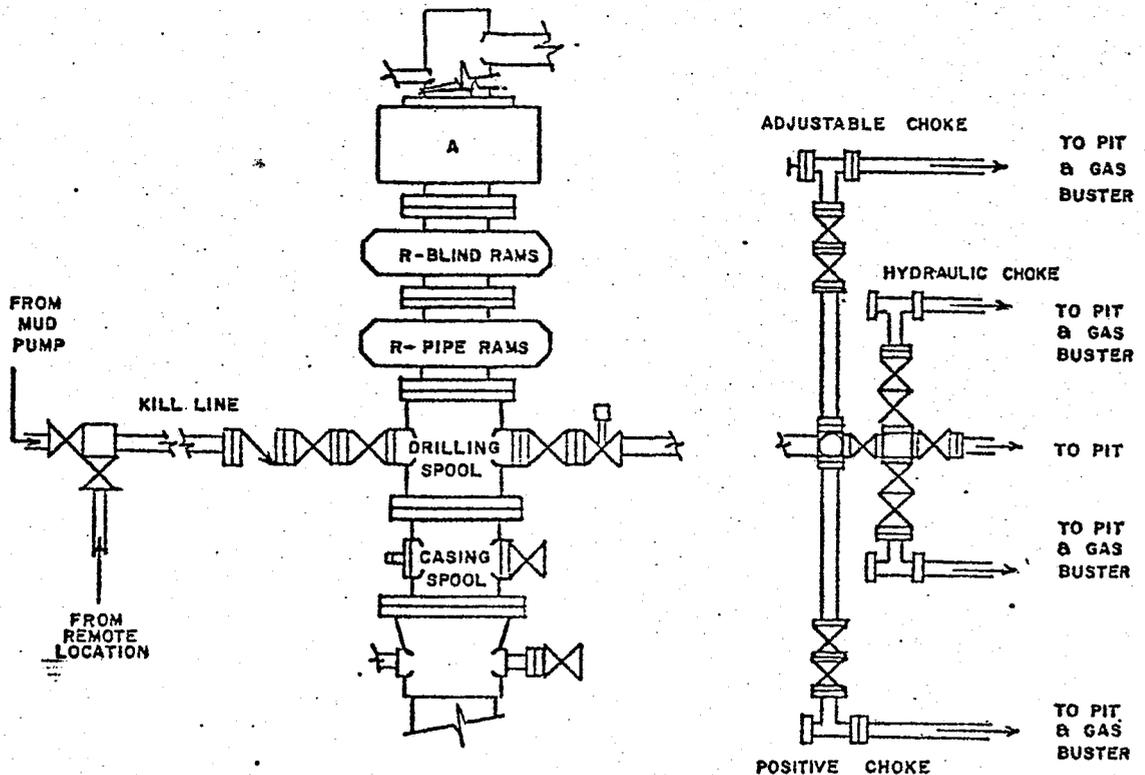
10. The anticipated starting date and duration of the operation:

November 1, 1978

Three weeks 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.

CIG EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

CIGE 35-1-10-20

Located In

Section 1, T10S, R20E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location CIGE 35-1-10-20 located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1, T10S R20E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and U.S. Highway 209; proceed South along U.S. Highway 209, 7 miles more or less to the junction of this Highway and U.S. Highway 88; proceed South along U.S. Highway 88-10 miles to Ouray, Utah; Proceed on South along a county road 10.5 miles along the Seep Ridge Road to its junction with the proposed access road to be described in Item #2.

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, to the oil field service road.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent at the existing 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 road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. 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 NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 11, T10S, R20E, S.L.B. & M., and proceeds in a Northeasterly direction + 1.2 miles to the proposed location site in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1, T10S, R20E, S.L.B. & M.

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

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

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

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

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

2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives turnout will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

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

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

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

The terrain that this access road traverses is along the top of a small hill and down off the small bluff, into the area of a small non-perennial drainage.

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

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 1, T10S, R20E, S.L.B. & M., see the location plat.

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

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

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

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

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

The proposed gas flow line will be an 18' right of way which will run in a Southwesterly direction approximately 1500' to an existing Mountain Fuel Gas line located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 1, 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 prior to construction and all necessary requests and applications will be made.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled from Willow Creek at a point where the Hill Creek road crosses it in the SE $\frac{1}{4}$ Section 5, T10S R20E, S.L.B. & M. This water will be hauled by truck over existing roads and the proposed access road \pm 5.9 miles to the location site. See Topographic Map "B".

In the event that the above source is not used, the water will be hauled by truck utilizing the roads described in Items #1 and #2, from the White River South of Ouray, Utah a distance of 9.7 road miles.

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

6. SOURCE OF CONSTRUCTION MATERIALS.

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

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

7. METHODS FOR HANDLING WASTE DISPOSAL

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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

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

As mentioned in Item #6, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

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

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

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

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

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

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

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

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

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin, It consists of , as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the area that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbit brush, grasses and cacti can be found.

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

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

Usual Environmental Analysis

Lease No. U-02770-A

Operator CIG Exploration, Inc.

Well No. 35 Natural Butte
Unit

Location NE 1/4 SE 1/4 Sec. 1 T. 10 S. R. 20 E.

County Uintah State Utah Field Bitter Creek

Status: Surface Ownership Federal Minerals Federal

Joint Field Inspection Date September 28, 1978

Participants and Organizations:

Gary Stephens	USGS
Steve Ellis	BLM
Carl Oden	CIG Exploration

Related Environmental Analyses and References:

- (1) *Seep Ridge (Rainbow) Planning Unit (08)*
- (2)

*Pad 195 X 375
Pit 50 X 100
3000' new access
Stockpile topsoil
2.6 ac*

Analysis Prepared by:

Gary Stephens

Date September 29, 1978

Noted - G. Diwachak

Proposed Action:

On September 14, 1978, CIG Exploration, Inc. filed an Application for Permit to Drill the No. 35 Natural Buttes Unit development well, a 7,400-foot oil and gas test of the Wasatch formation of Tertiary age; located at an elevation of 4,979 ft. in the NE 1/4 SW 1/4 Sec. 1, T. 10 S., R. 20 E. on Federal mineral lands and Federal surface; Lease No. U-02770-A. There was no objection raised to the wellsite.

As an objection was raised to the access road, it was changed. The new access road will come in from the existing well 3,000 feet southeast.

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 Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 195 ft. wide x 375 ft. long, and a reserve pit 100 ft. wide x 50 ft. long. A new access road would be constructed 24 ft. wide x 3000 ft. long from an existing and improved road. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is November 1, 1978, and duration of drilling activities would be about 20 days.

Location and Natural Setting:

The proposed drillsite is approximately 8.5 mi. southeast of Ouray, Utah, the nearest town. A poor road runs to within 3,000 feet southeast of the location. This well is in the Bitter Creek field.

Topography:

The overall topography of the site is low rolling hills with exposed rock ledges. The location is an a flat area at the base of a rock ledge.

Geology:

The surface geology is Uintah Formation. The soil is silty sand with rocks. 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 will 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 silty sand to a sandy soil. The soil is subject to runoff from rainfall and has a high runoff potential, and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

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

Approximately 2.6 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 south to north. 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:

No surface water exists in the vicinity of the location. A dry wash is 200 feet west.

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 basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Sub-surface 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:

The vegetation consists of sagebrush, shadscale, horsebrush, prickly pear cactus, and curly grass.

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

Proposed action would remove about 2.6 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, foxes, rabbits, 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 should be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

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

The site is not visible from any major roads. After drilling operations, completion equipment would not 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 northeastern Utah. 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.

Land Use:

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

The proposed location is within the Seep Ridge (Rainbow) Planning Unit (08). This Environmental Assessment Record (EAR) was compiled by the Bureau of Land Management, the surface management agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State Offices and is incorporated herein by reference.

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:

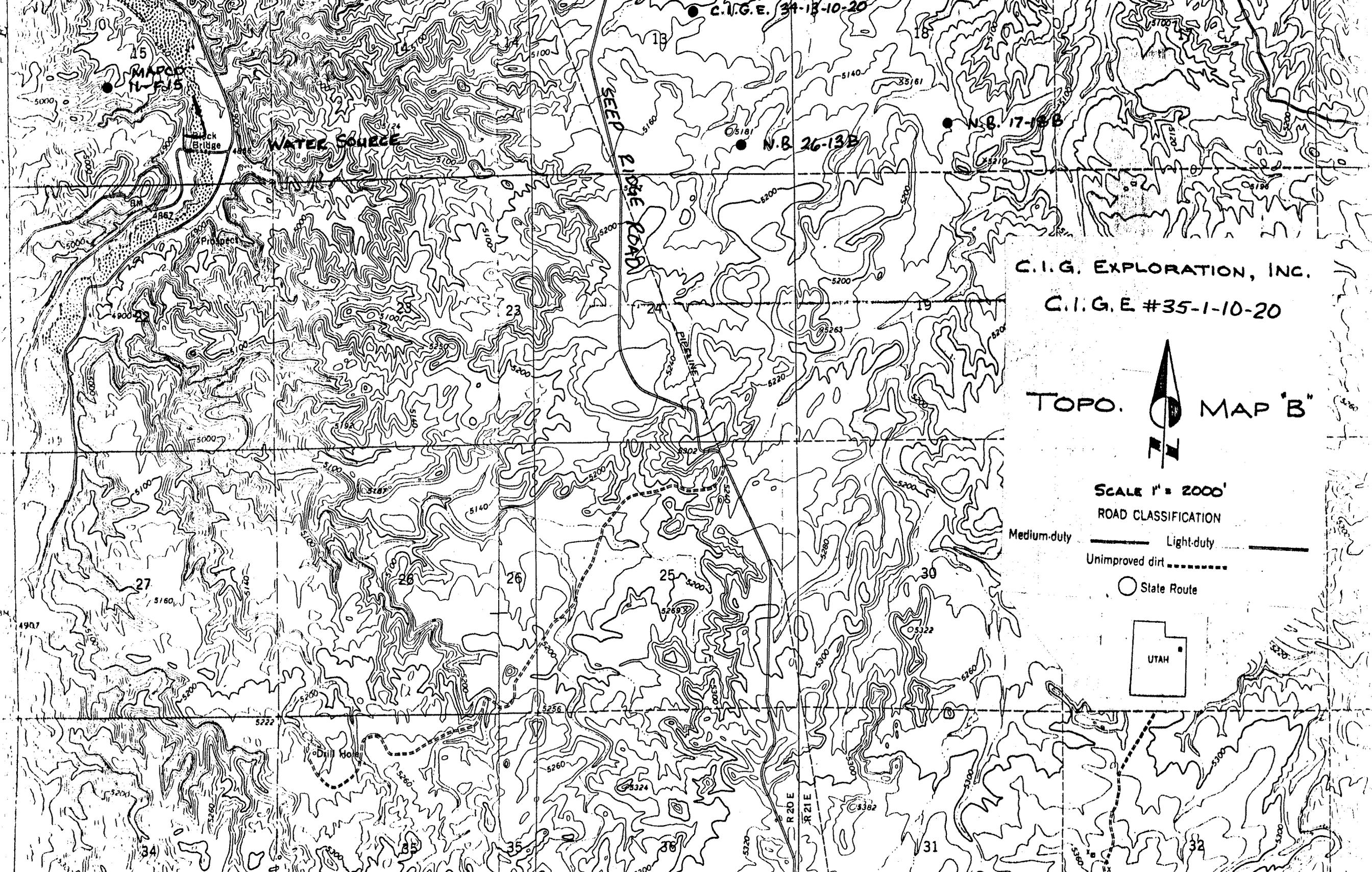
(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

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.

(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 2.6 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 Green River. The potential for pollution to the Cottonwood Wash could exist through leaks and spills.



MAPCO
N.F.S.

WATER SOURCE

SEED
RIDGE ROAD

N.B. 26-13B

N.B. 17-13B

C.I.G. EXPLORATION, INC.

C.I.G.E #35-1-10-20

TOPO. MAP 'B'



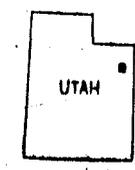
SCALE 1" = 2000'

ROAD CLASSIFICATION

Medium-duty Light-duty

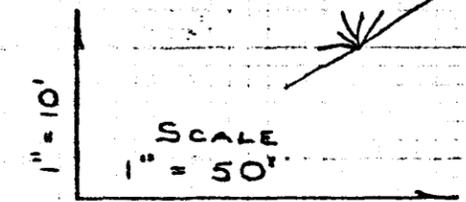
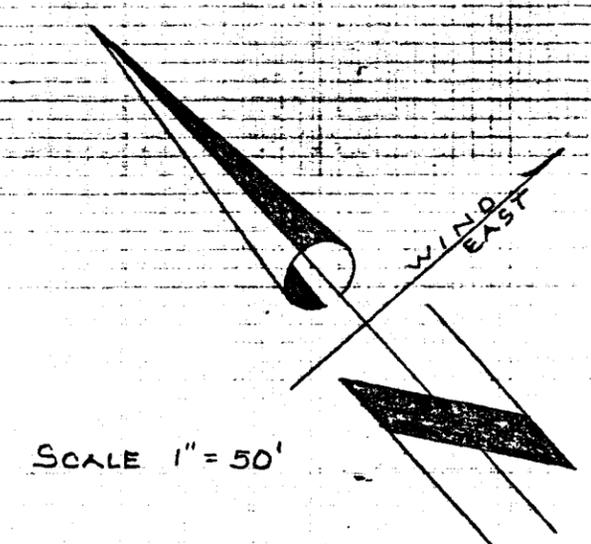
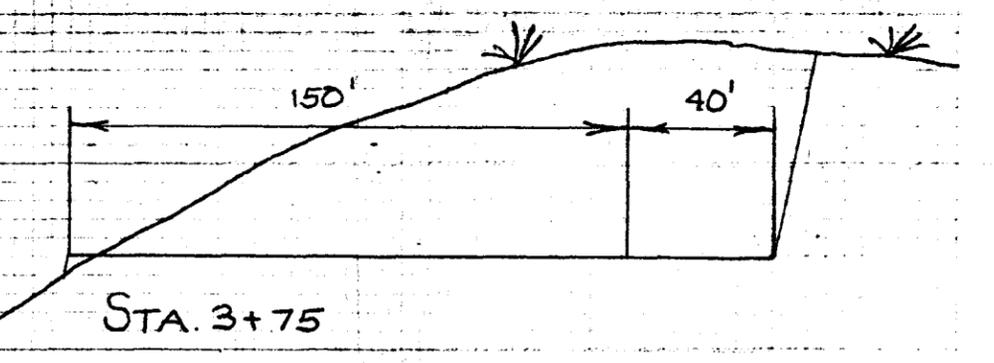
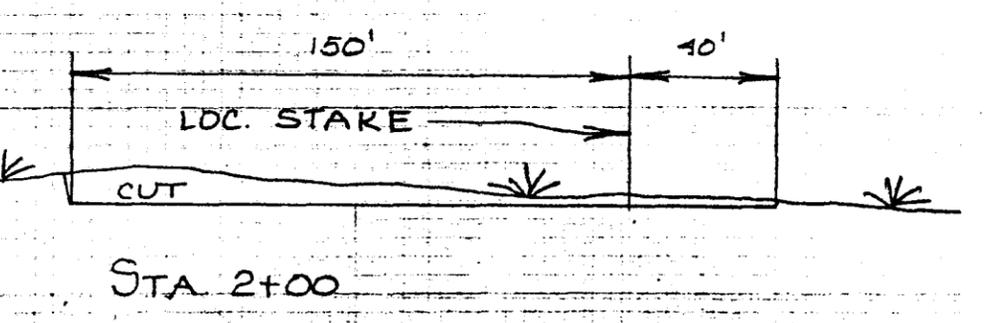
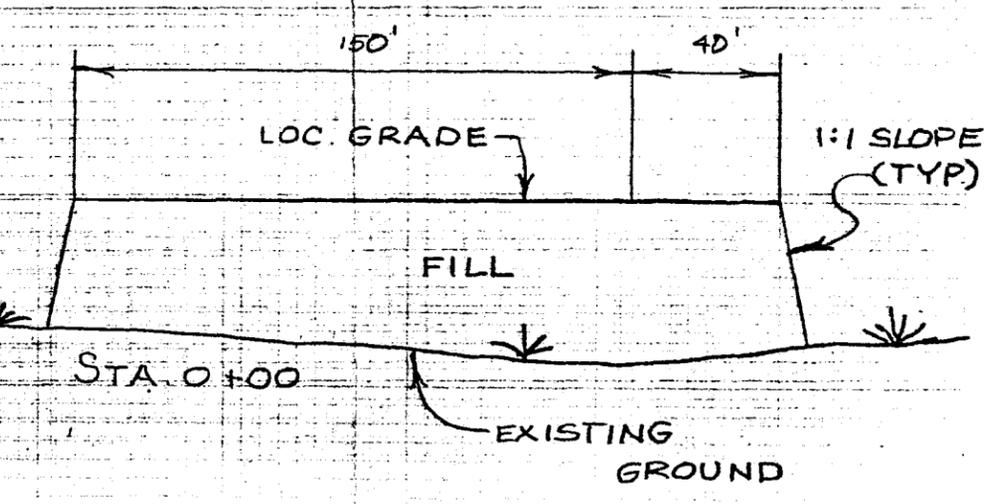
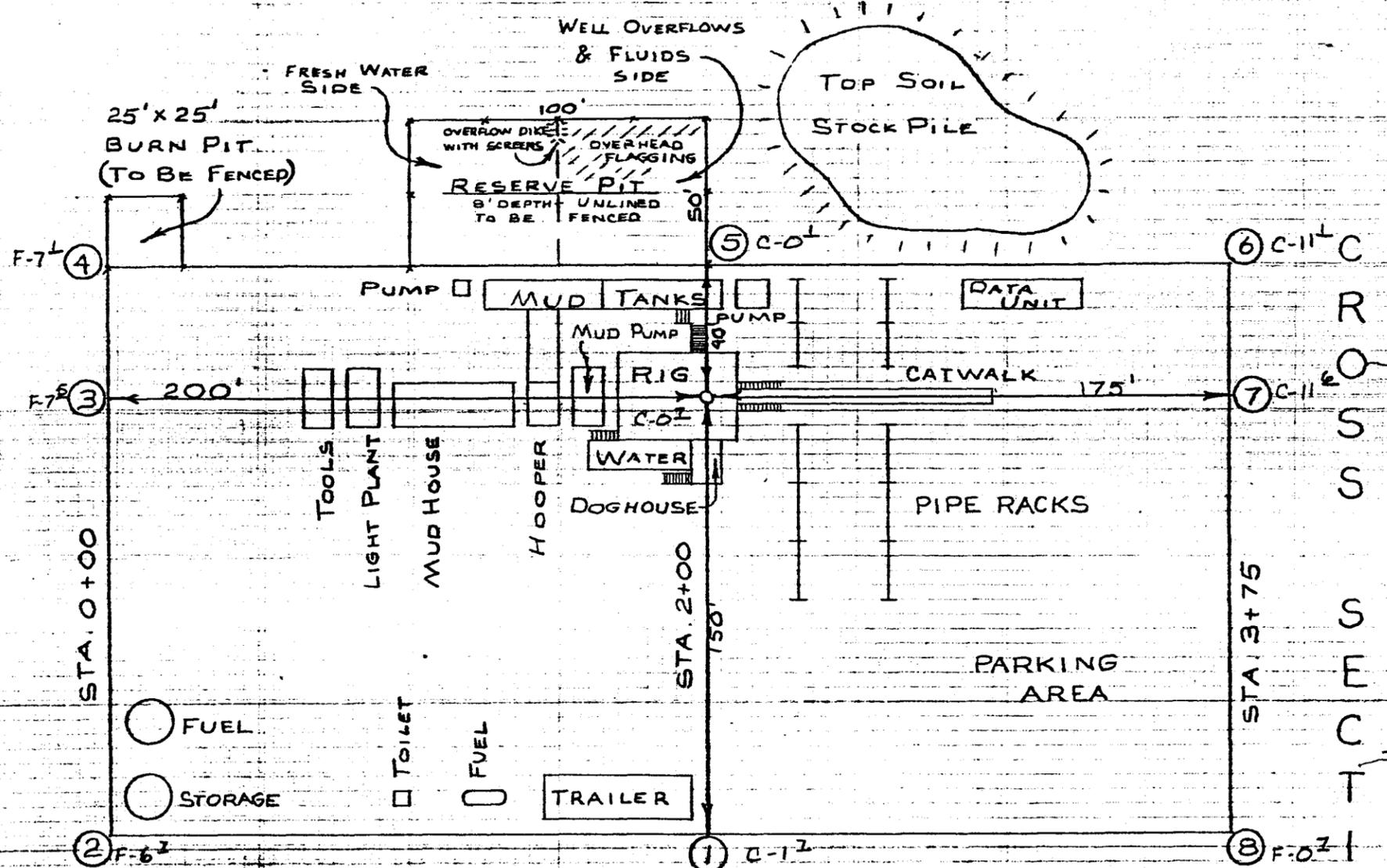
Unimproved dirt

State Route



UTAH

C.I.G. EXPLORATION
 # 35-1-10-20
 LOCATION LAYOUT & CUT SHEET



APPROX. YARDAGES
 CUT 5,795 CU. YDS.
 FILL 5,262 CU. YDS.

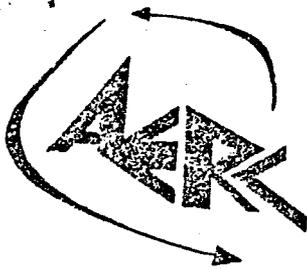
2. Legal Description of Project Area

BLM Surface and Subsurface

<u>Well #</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Access Road</u>
25	29	9 South	21 East	Same
26	26	10 South	21 East	Same
27	18	10 South	21 East	Same
30	6	10 South	21 East	Same
31	1	10 South	22 East	Same
33	27	10 South	21 East	Section 22 also
34	13	10 South	20 East	Same
35	1	10 South	20 East	Section 11 and 12 also
38	4	10 South	21 East	Section 5 also

Ute Indian Surface and BLM Subsurface

<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



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

Tel.: (801) ~~582-8343~~ 486-0261

October 10, 1978

✓ 35
25-20-9-21

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-78-5A

Permit No.: 78-Ut-014

To: 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

Mr. Dean Evans, BLM Area Manager, Bureau of Land Management, Vernal District Office, P. O. Box F, 91 West Main Street, Vernal, Utah 84078

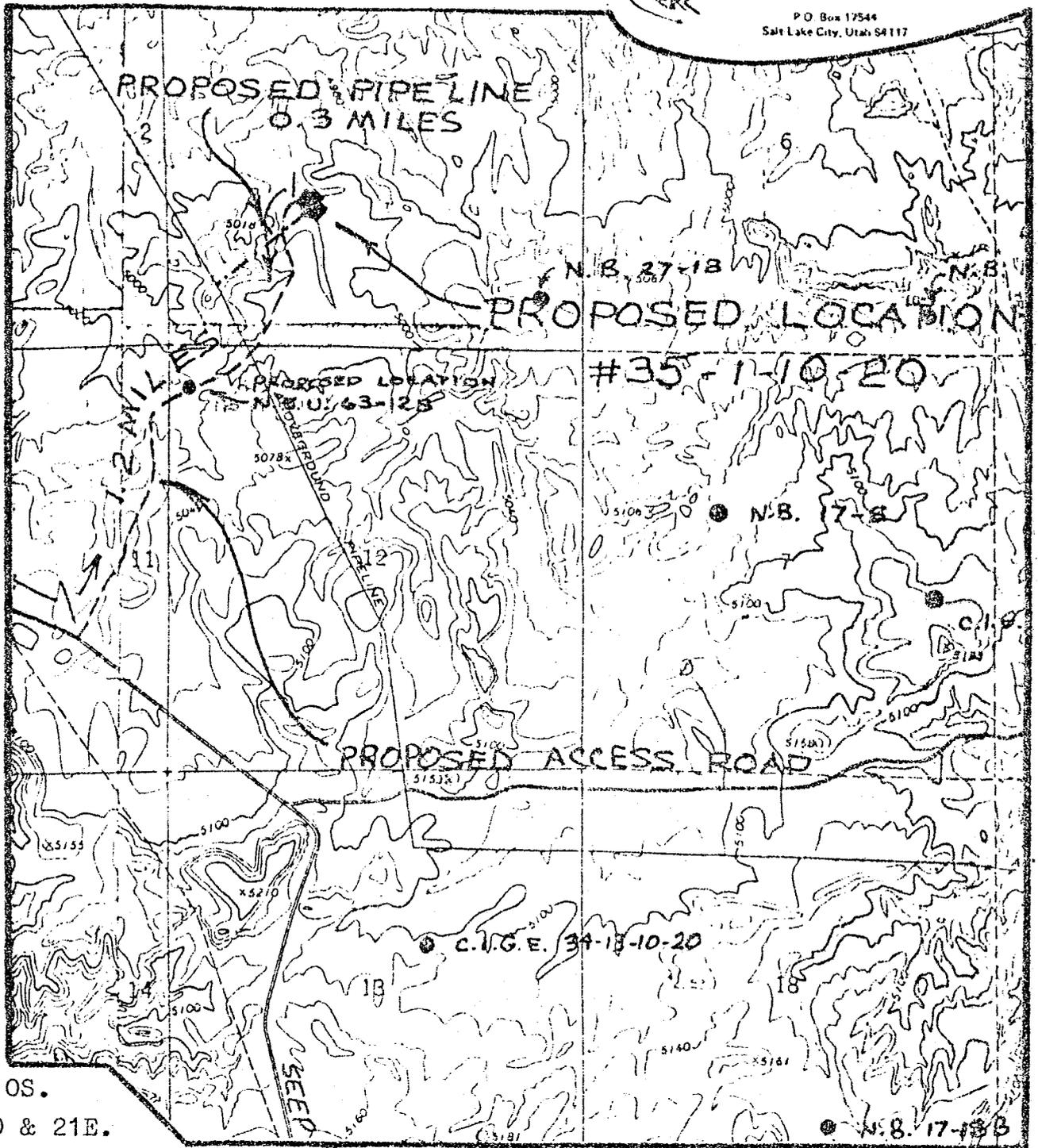
Mr. Lloyd Ferguson, District Manager, Bureau of Land Management, Vernal District Office, P. O. Box F, 91 West Main Street, Vernal, Utah 84078

Info: Mr. Richard Fike, BLM Archeologist, Bureau of Land Management, University Club Bldg., 136 East South Temple, Salt Lake City, Utah 84111



ARCHAEOLOGICAL ENVIRONMENTAL
RESEARCH CORPORATION

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



T. 10S.
R. 20 & 21E.

Meridian: Salt Lake B & M

Quad:

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

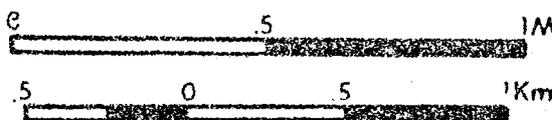
PROPOSED WELL LOCATION AND
ACCESS ROAD
CIGE 35-1-10-20
NATURAL BUTTES LOCALITY
UINTAH COUNTY, UTAH

Big Pack Mtn. NE,
Utah
7.5' Series



Legend:

Proposed Well Location 
Proposed Access Road 



Scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 CIG EXPLORATION, INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1898' FWL & 1769' FSL, Section 1, T10S, 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 drlg. unit line, if any)
 APPROXIMATELY 1062.5'

16. NO. OF ACRES IN LEASE
 2162.77

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

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

19. PROPOSED DEPTH
 7400'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4979' UNGRADED GROUND

22. APPROX. DATE WORK WILL START*
 NOVEMBER 1, 1978

5. LEASE DESIGNATION AND SERIAL NO.
 U-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
 NATURAL BUTTES

9. WELL NO.
 CIGE 35-1-10-20

10. FIELD AND POOL, OR WILDCAT
 BITTER CREEK FIELD

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA.
 Section 1, T10S, R20E

12. COUNTY OR PARISH
 UINTAH

13. STATE
 UTAH

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 J.R. Midkiff TITLE DISTRICT SUPERINTENDENT DATE September 13, 1978
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY A.P. Kyles TITLE AGING DISTRICT ENGINEER DATE DEC 15 1978
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY
 NOTICE OF APPROVAL
 *See Instructions On Reverse Side
 NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

State O & G

- (1) Well No. Cige 35-1-10-20
Sec. 1, T. 10S, R. 20E.
Uintah County, Utah
- (2) Well No. Cige 36-12-10-22
Sec. 12, T. 10S, R. 22E.
Uintah County, Utah
- (3) Well No. Cige 37-13-10-22
Sec. 13, T. 10S, R. 22E.
Uintah County, Utah
- (4) Well No. Cige 57-10-10-21
Sec. 10, T. 10S, R. 21E.
Uintah County, Utah
- (5) Well No. Cige 62-18-9-22
Sec. 18, T. 9S, R. 22E.
Uintah County, Utah
- (6) Well No. Cige 63-17-10-22
Sec. 17, T. 10S, R. 22E.
Uintah County, Utah
- (7) Well No. Cige 67-32-10-21
Sec. 32, T. 10S, R. 21E.
Uintah County, Utah

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

NE
SW

** FILE NOTATIONS **

Date: Sept. 18 -

Operator: Cog Exploration

Well No: Natural Buttes 35-1-10-20

Location: Sec. 1 T. 10S R. 20E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-047-30494

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Unit well

Petroleum Engineer: _____

Remarks: _____

Director: 7

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 Buttes Unit

Other: _____

Letter written Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-11424.

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		5. LEASE DESIGNATION AND SERIAL NO. U-02270-A	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
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 regulations. See also space 17 below.) At surface 1898' FWL 7 1769' FSL, Section 1, T10S, R20E		8. FARM OR LEASE NAME NATURAL BUTTES	
14. PERMIT NO. 43-047-30414		9. WELL NO. CIGE 35-1-10-20	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4979' UNGRADED GROUND		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 1-T10S-R20E	
		12. COUNTY OR PARISH UINTAH	13. STATE UTAH



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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

PIPELINE HOOKUP

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

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

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

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

FOR ON-SITE CONTACT:

EDWARD N. NORRIS AT (801) 789-2773

OR

IRA K. McCLANAHAN AT (303) 473-2300

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

SIGNED E. R. Midkiff TITLE DISTRICT SUPERINTENDENT DATE August 13, 1979
E. R. MIDKIFF

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

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

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

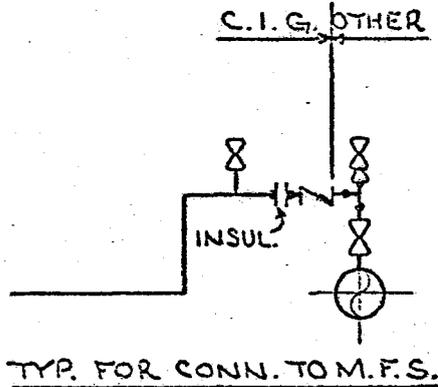
20' ±

B.O. U.S.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

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



NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APP.
1	13858	REVISE STARTING POINT	8-22-77	RWP		

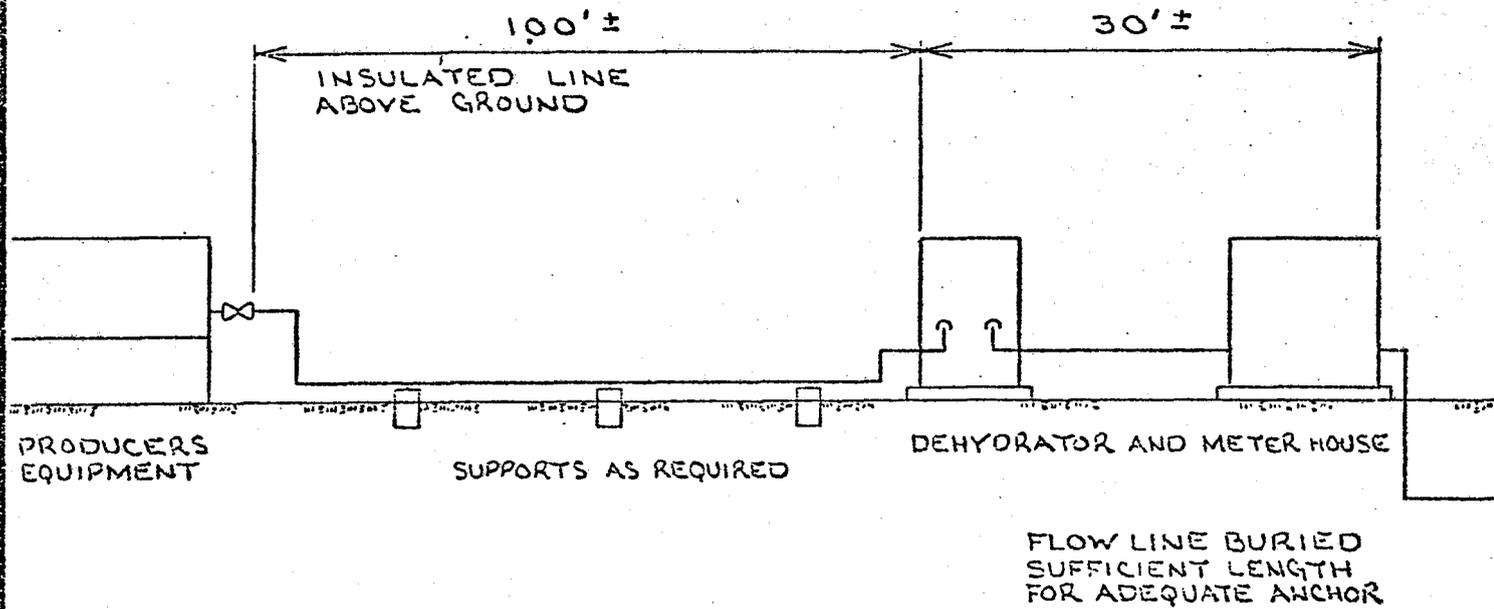
Colorado Interstate Gas Co.
 COLORADO SPRINGS, COLORADO

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

JUNTA COUNTY, UTAH

SCALE: NONE DRAWN: RWP APP: AN

115FP-1 1/8



Colorado Interstate Gas Co.
 COLORADO SPRINGS, COLORADO

TYPICAL WELL HEAD INSTALLATION
 NATURAL BUTTES FIELD

UINTAH COUNTY, UTAH

NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP	APP:	115FP-2 1/8
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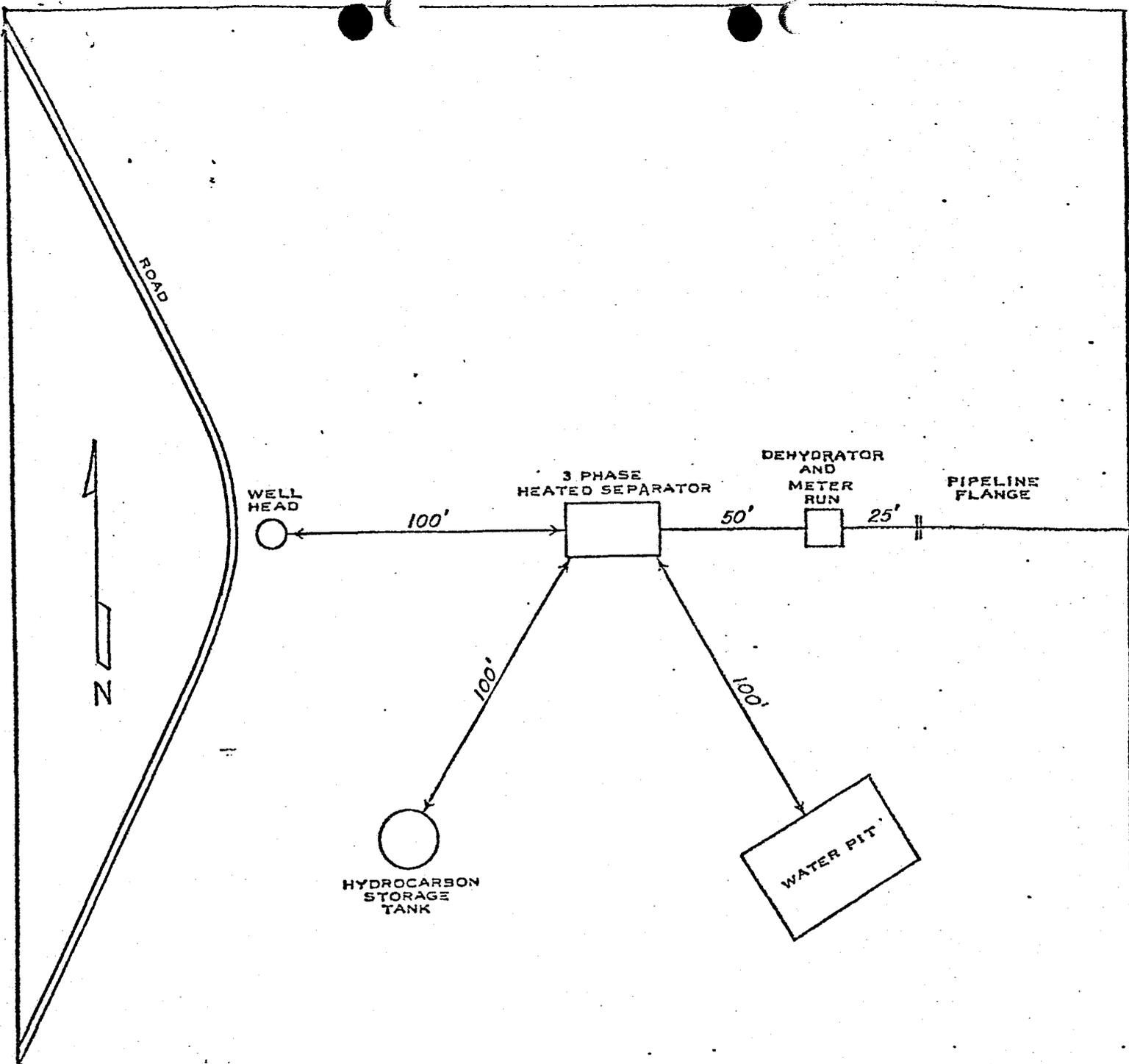
Statement for permit to lay flow line, to be included with application for Drilling Permit --

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE 35-1-10-20 in a southwesternly direction through the SW/4 of Section 1 connecting to MFS 4" line in the SW/4 of Section 1, all in 10S-20E. The line will be approximately 1,500 long as shown on the attached sketches.

Pipe will be 2-3/8" 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.

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.



GAS PRODUCING ENTERPRISES, INC.
DENVER, COLORADO

CIGE 35-1-10-20
Section 1-T10S-R20E
Uintah County, Utah



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

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

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

CLEON B. FEIGHT
Director

March 27, 1980

Cig Exploration, Inc.
P.O. Box 749
Denver, Colorado 80202

Re: See attached sheet for wells

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK-TYPIST

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CIG Exploration

WELL NAME: CIGE 35-1-10-20

SECTION 1 NE SW TOWNSHIP 10S RANGE 20E COUNTY Uintah

DRILLING CONTRACTOR Masek

RIG # 1

SPUDDED: DATE 4/1/80

TIME 10:00 a.m.

How dry hole spudder

DRILLING WILL COMMENCE _____

REPORTED BY Pat Bohner

TELEPHONE # 303-527-1121 ex 293

DATE April 3, 1980

SIGNED Original Signed By M. T. Minder

cc: USGS



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

RECEIVED
APR 04 1980

DIVISION OF
OIL, GAS & MINING

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

Re: See attached sheet for wells

Dear Ms. Tabish:

CIG Exploration, Inc., does intend to drill those wells listed on the attached sheet. Drilling operations at these locations are estimated to begin during the latter half of 1980 or the early part of 1981. At the present time, however, no definite timetable has been set.

If I can be of further assistance, please let me know.

Sincerely

Patricia A. Bohner
Regulatory Analyst

PAB/pm

Enclosure

xc: J. F. McCormick

- (1) Well No. Cige 35-1-10-20
Sec. 1, T. 10S, R. 20E.
Uintah County, Utah
- (2) Well No. Cige 36-12-10-22
Sec. 12, T. 10S, R. 22E.
Uintah County, Utah
- (3) Well No. Cige 37-13-10-22
Sec. 13, T. 10S, R. 22E.
Uintah County, Utah
- (4) Well No. Cige 57-10-10-21
Sec. 10, T. 10S, R. 21E.
Uintah County, Utah
- (5) Well No. Cige 62-18-9-22
Sec. 18, T. 9S, R. 22E.
Uintah County, Utah
- (6) Well No. Cige 63-17-10-22
Sec. 17, T. 10S, R. 22E.
Uintah County, Utah
- (7) Well No. Cige 67-32-10-21
Sec. 32, T. 10S, R. 21E.
Uintah County, Utah

RECEIVED

APR 04 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-02270-A
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1898' FWL & 1769' FSL SECTION 1-T10S-R20E		8. FARM OR LEASE NAME NATURAL BUTTES
14. PERMIT NO. 43-047-30494	15. ELEVATIONS (Show whether DP, RT, GR, etc.) 4979' UNGR. GR.	9. WELL NO. CIGE 35-1-10-20
		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ARRA. SECTION 1-T10S-R20E
		12. COUNTY OR PARISH UNIONAH
		13. STATE UTAH

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

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

Well spudded at 10:00 a.m. 4/1/80. Verbal report made to Kim (USGS) and Bonnie (State of Utah). Please see attached for details of spud.

RECEIVED
APR 10 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED Jim F. McCormick TITLE Drilling Superintendent DATE April 7, 1980
J. F. McCormick

(This space for Federal or State office use)

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

RECEIVED
APR 10 1980

NOTICE OF SPUD

DIVISION OF
OIL, GAS & MINING

WELL NAME: C16E 35-1-10-20

LOCATION: NE 1/4 SW 1/4 SECTION 1 T- 10S R- 20E

COUNTY: UINTAH STATE: UTAH

LEASE NO.: U-02270-A LEASE EXPIRATION DATE: 8/1/61

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPUDDED: 10:00 am 4/1/80

DRY HOLE SPUDDER: PARKER AIR ϕ

DETAILS OF SPUD (Hole, Casing, Cement, etc.): Spud 12 1/4" hole; drill to 200'
RUN 5 JTS 9-5/8" 43.5# N-80 CT&C to 200' GR. RU Halco E
CMT w/125 SX "H" w/290 CaCl₂. Plus DOWN @ 7:58 4/2/80

ROTARY RIG NAME & NUMBER: MASEK RIG #1

APPROXIMATE DATE ROTARY MOVES IN: 4/12/80

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 4/3/80

PERSON CALLED: Kim

STATE CALLED: DATE: 4/30/80

PERSON CALLED: BONNIE

REPORTED BY: PAT BOHNER

RECEIVED

APR 10 1980

NOTICE OF SPUD

WELL NAME: CIGE 35-1-10-20

DIVISION OF
OIL, GAS & MINING

LOCATION: NE 1/4 SW 1/4 SECTION 1 T- 10S R- 20E

COUNTY: UINTAH STATE: UTAH

LEASE NO.: U-02270-A LEASE EXPIRATION DATE: 8/1/61

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPURRED: 10:00 AM 4/1/80

DRY HOLE SPUDDER: PARKER AIR ϕ

DETAILS OF SPUD (Hole, Casing, Cement, etc.): Spud 12 1/4" hole, drill to 200'
RUN 5 JTS 9-5/8" 43.5# N-80 CT & C to 200' GR. RU Halco &
CMT w/125 SX "H" w/290 CaCl₂. Plug DOWN @ 7:58 4/2/80

ROTARY RIG NAME & NUMBER: MASEK RIG #1

APPROXIMATE DATE ROTARY MOVES IN: 4/12/80

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 4/3/80

PERSON CALLED: KIM

STATE CALLED: DATE: 4/30/80

PERSON CALLED: BONNIE

REPORTED BY: PAT BOHNER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 35-1-10-20

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLM. AND
SUBVY OR AREA
SECTION 1-T10S-R20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1898' FWL & 1769' FSL SECTION 1-T10S-R20E

14. PERMIT NO.
43-047-30494

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4979' UNGR. GR.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	STATUS <input 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 see attached Chronological Report for operations March 16 through April 15, 1980.

RECEIVED
APR 21 1980

DIVISION OF
OIL, GAS & MINING

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

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

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 35-1-10-20

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SECTION 1-T10S-R20E

12. COUNTY OR PARISH

UINPAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

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

1898' FWL & 1769' FSL SECTION 1-T10S-R20E

14. PERMIT NO.

43-047-30494

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

4979' UNGR. GR.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Status

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

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

Please see attached chronological for report of operations April 6, through May 15, 1980.

RECEIVED
MAY 21 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED

C. A. Hansen
C. A. Hansen

TITLE Drilling Engineer

DATE May 16, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 35-1-10-20

10. FIELD AND POOL, OR WILDCAT

~~NATURAL BUTTES~~
~~SITTER CREEK FIELD~~

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

Section 1-T10S-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 1898' FWL & 1769' FSL, NE SW
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. 43-047-30494
DATE ISSUED 9-19-78

15. DATE SPUNDED 4-1-80
16. DATE T.D. REACHED 4-23-80
17. DATE COMPL. (Ready to prod.) 5-19-80
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4979' Ungr. Gr.
19. ELEV. CASINGHEAD Unknown

20. TOTAL DEPTH, MD & TVD 7300'
21. PLUG, BACK T.D., MD & TVD 7191'
22. IF MULTIPLE COMPL., HOW MANY* N/A
23. INTERVALS DRILLED BY ROTARY TOOLS 200'-TD
CABLE TOOLS 0-200' GR

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6344-5682' (Wasatch)
25. WAS DIRECTIONAL SURVEY MADE Yes

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	43.5#	200'	12-1/4"	125 sack "H"	-----
4-1/2"	11.6#	7300'	7-7/8"	2410 sacks 50:50 Poz	-----

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5491'	-----

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number
6344' - 5901'	3-1/8"	5698'
6342' - 5896'	3-1/8"	5692'
6340' - 5781'	3-1/8"	5686'
5906' - 5780'	3-1/8"	5682'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6344'-5682'	Acidized w/2400 gals 7 1/2% HCL. Frac w/77,300 gals Apollo 40 + 140,000# 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)
5-11-80	Flowing	SI - WO pipeline

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-18-80	24	18/64	→	0	1800	TSTM	-----

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1000	(SI) 1100	→	0	1800	TSTM	-----

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented
TEST WITNESSED BY K. E. Oden
MAY 28 1980

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.

DIVISION OF OIL, GAS & MINING

SIGNED C. A. Hansen TITLE Drilling Engineer DATE May 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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH
NO CORES RO DST'S			GREEN RIVER 1453' WASATCH 4795'

STATE OF UTAH
 OIL & GAS CONSERVATION COMMISSION
 348 EAST SOUTH TEMPLE
 SUITE 301
 SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: CIGE 35-1-10-20

Operator CIG Exploration, Inc. Address P. O. Box 749 Phone (303) 572-1121
 Denver, Colorado 80201

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

Location: NE 1/4 SW 1/4 Sec. 1 T. 10 ^{XX} S R. 20 ^E XX Uintah County, Utah.

Water Sands:

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

(continued on reverse side if necessary)

Formation Tops:

Green River 1453'
 Wasatch 4795'

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
 (b) Report on this form as provided for in Rule C-20, General Rules
 and regulations and Rules of Practice and Procedure, (See back of form)

CIGE #35-1-10-20 NBU

Bitter Creek Field

Uintah County, Utah

AFE: 19693 WI: 100%

ATD: 7200' SD: 4-1-80

9-5/8" @ 200';

LOCATION: NE/4 SW/4, Sec 1-T10S-R20E.
KB - GL 13'.4-3-80 200'-24 hrs); WO rotary.RU Larry Parker Drlg; Drlg 200' 12 $\frac{1}{4}$ " hole. Run 5 jt 9-5/8" 43.5# H-80 LT&C to 200' GR. RU Howco & cmt 9-5/8 csg 125 sx H w/2% CaCl₂. Circ 513 bbls to surface. PD 7:58 4-2-80. Cum Csts: \$25,275.4-5-80 RURT.

Cum Csts: \$20,075.

4-6-80 RU to tst BOP stack.

MI & RU rotary. Should be drlg this afternoon. Cum Csts: \$36,465.

4-7-80 1344'; (1131'-18 hrs); Trip for bit #2.WO daylight; press tst BOP stack w/Yellow Jacket Blinds pipe 3000 psi manifold 3000, Hydril 1500 - no leaks; PU DC's; Drlg 7-7/8"; RS; Drlg; WL survey (3/4^o @ 497'), (3/4^o @ 1000'). Drlg; install rotary head; drlg; (Start trip @ 6 AM). MW 8.4, vis 27, Circ resv pit. Cum Csts: \$44,888.4-8-80 2075'; (731'-21 $\frac{1}{2}$ hrs); Drlg ahead.Trip for bit; drlg; RS check BOP's; drlg; survey (1^o @ 1800'); Drlg. MW 8.4, vis 27, pH 10.5, Cum Csts: \$53,838.4-9-80 2980'; (905'-22 $\frac{1}{2}$ hrs); Drlg ahead.Drlg; RS; drlg; survey (2^o @ 2550'), Drlg; Rig repair; drlg; BGG 750 units, CG 950 units. MW 8.4, vis 27, pH 10.5. Cum Csts: \$50,413.4-10-80 3604'; (624'-19 $\frac{1}{2}$ hrs); Drlg ahead full retns.Drlg; TOH w/bit #2 @ 3007'; RS check BOP; TIH w/bit #3; reaming 120' to btm w/bit #3; Drlg; survey (2 $\frac{1}{2}$ ^o @ 3236'); Drlg full retns; BGG 650 units, CG 850 units, Break 3219-3254 (35'); mpf before 2.0, during .5, after 1.5; gas before 750, during -, after 750 units. MW 8.4, vis 28, pH 10.5, CL 1500. Circ reserve pit. Cum Csts: \$84,888.4-11-80 4150'; (546'-23 hrs); Drlg 18-19'/hr.Drlg; Rig Service; Drlg; Survey (2 $\frac{1}{2}$ ^o @ 3702'); Drlg; BGG 100, CG 200, 3826-3824 2.0"/ft - 1.0"/ft - 2.0"/ft. 400 units - 400 units - 275 units; MW 9.3, vis 36, WL 19.8, PV 8, YP 6, sand tr, solids 7, pH 10.6, ALK: Pf 1.4, Mf 2.9, CL 3500, CA tr, Gels 3/6, Cake 2/32, MBT 13.5 lb/bbl, CH 400. Cum Csts: \$94,333.4-12-80 4556'; (406'-23 hrs); Drlg ahead.Drlg; RS; Drlg; Survey (2^o @ 4229'), Drlg; BGG 250, CG 500. MW 9.2, vis 36, WL 22, PV 6, YP 6, sand tr, solids 7, pH 10.2, ALK: Pf 1.0, Mf 2.0, CL 3300, CA trace, Gels 3/7, Cake 2/32, MBT 13.5 lb/bbl, CH 400. Cum Csts: \$101,068.4-13-80 4895'; (339'-23 hrs); Drlg.Drlg; RS; Drlg; (2 $\frac{1}{4}$ ^o @ 4669'); Drlg; BGG 300 units, CG 500 units; 4730-35 mpf before 2.0, during 1.0, after 2.5; gas before 250, during 550, after 175. MW 9.2, vis 35, WL 17.2, PV 7, YP 3, sand tr, solids 6, pH 10.0, ALK: Pf .8, Mf 1.7, CL 3300, CA 32, Gels 2/6, Cake 2/32, MBT 135 lb/bbl, CH 425, Cum Csts: \$117,543.4-14-80 5159'; (264'-23 $\frac{1}{2}$ hrs); Drlg.

Drlg; RS; Drlg; BGG 300 units, CG 875 units; NS; MW 9.2, vis 35, WL 18.8, PV 6, YP 3, oil 0, sand tr, solids 7, pH 10.2, ALK: Pf .8, Mf 1.5, CL 3400, CA 32, Gels 3/6, Cake 2/32, MBT 13.5 lb/bbl, CH 450. Cum Csts: \$124,560.

4-15-80 5345'; (186'-17 hrs); DrlgDrlg; RS; TOH @ 5189; change bits & check BOP; TIH w/bit #4 (SLM) OK; Wash 60' to btm; no fill; drlg; BGG 200 units, CG 450 units. NS; MW 9.2, vis 36, WL 14.2, PV 7, YP 4, sand tr, solids 6, pH 10.0, ALK: Pf .5, Mf 1.1, CL 3400, CA 32, Gels 2/6, Cake 2/32, MBT 13.5 lb/bbl, CH 450 ppm. (1-3/4^o @ 5145'). Cum Csts: \$134,495.4-16-80 5627'; (282'-23 $\frac{1}{2}$ hrs); Drlg. (1-3/4^o @ 5145').

Drlg; RS; Drlg; BGG 275 units, CG 600 units, NS. MW 9.2, vis 35, WL 13.5, PV 7, YP 4, sand tr, solids 6, pH 10.3, ALK: Pf .6, Mf 1.2, CL 3600, CA tr, Gels 2/6, Cake 2/32, MBT 15 lb/bbl, CH 475. Cum Csts: \$150,425.

4-17-80 5931'; (304'-23 hrs); Drlg.Drlg; RS; Drlg; Survey (1-3/4^o @ 5730'); Drlg; BGG 275 units, CG 1000; 5786-5794 mpf before 4.0, during 1.5, after 4.5; gas before 250, during 625, after 275; 5896-5920'

CIGE #35-1-10-20 NBU

Bitter Creek Field

Uintah County, Utah

AFE: 19693 WI: 100%

ATD: 7200' SD: 4-1-80

9-5/8" @ 200'; 4 1/2" @ 7300';

LOCATION: NE/4, SW/4, Sec 1-T10S-R20E.
KB - GL 13'.

continued 4-17-80

MW 9.2, vis 35, WL 13.6, PV 7, YP 5, sand tr, solids 7, pH 10.3, ALK: Pf .5, Mf 1.2, CL 3500, CA tr, Gels 3/6, Cake 2/32, MBT 16 lb/bbl. Cum Csts: \$157,825.

4-18-80 6212'; (281'-23 1/2 hrs); Drlg.
Drlg; RS; Drlg; BGG 225, CG 550; 6146'-6204'; mpf before 4.5, during 1.5, after 5.0; gas before 200, during 525, after 225. MW 9.3, vis 36. Cum Csts: \$164,900.

4-19-80 6500'; (288'-23 1/2 hrs); Drlg.
Drlg; RS; Check BOP's; Drlg; 250 units BGG, CG 500; Drlg break 6349-6363' 14'; mpf before 4.0, during 1.5, after 4.0; gas before 275, during 600, after 275. (1-3/4" @ 5730'). MW 9.3, vis 34, WL 10.4, PV 6, YP 3, sand tr, solids 7, pH 10.5, ALK: Pf .6, Mf 1.3, CL 3500, CA tr, Gels 2/5, Cake 2/32, MBT 15 lb/bbl, Ch 500; Cum Csts: \$176,082.

4-20-80 6775'; (265'-23 hrs); Drlg.
Drlg; survey (1 1/2" @ 6536'); Drlg; Rig repair, pmp; drlg: BGG 225, CG 425; Break 6904'-10' (6'); mpf before 5.0, during 3.0, after 5.5; gas before 225, during 315, after 200; 6756-6760 (4') mpf before 5.5, during 2.0, after 5.0; gas before 200, during 325, after 225; MW 9.3, vis 35, WL 10.2, PV 8, YP 6, sand tr, solids 7, pH 10.2, ALK: Pf .6 Mf 1.3, CL 34,000, ca tr, Gels 2/6, Cake 2/32, MBT 15 lb/bbl, Ch 475; Cum Csts: \$183,682.

4-21-80 7006'; (241'-23 1/2 hrs); Drlg.
Drlg; RS; Drlg; No shows; BGG 250; (1 1/2" @ 6536'), MW 9.3, vis 36, WL 10.6, PV 5, YP 4, oil -1.0, sand tr, solids 7, pH 10.2, ALK: Pf .5, CL 3100, CA tr, Gels 1/4, Cake 2/32, Cum Csts: \$191,032.

4-22-80 7169'; (153'-17 hrs); Drlg ahead.
Drlg; TOH bit #4 7042'; cut drlg line; TIH bit #5 RR F3; ream 35' to btm w/bit #5; drlg ahead; RS; drlg ahead full retns; Drlg brk 7154-67 (13'); mpf before 5.0 during 1.5, after 5.5; gas before 300, during 500, after 275; BGG 300, CG 475. (1-3/4" @ 7042'); MW 9.4, vis 37, WL 9.8, PV 3, YP 6, oil tr, sand tr, solids 8, pH 10.4, ALK: Pf .6, Mf 1.3, CL 3400, CA tr, Gels 2/6, Cake 2/32, MBT 15 lb/bbl, Cr 375. Cum Csts: \$198,582.

4-23-80 7300'; (131'-15 hrs); Logging w/Welex.
Drlg; RS; Drlg; Circ & cond for logs; drop survey; TOOH for logs; RU Welex; Run DIL log; Loggers TD 7293'. MW 9.5, vis 42, WL 9.8, PV 9, YP 5, solids 8, pH 10.7, ALK: Pf .8, Mf 1.6, CL 3500, Ca tr, Gels 3/8, Cake 2/32, MBT 15 lb/bbl, CH 400; (2 1/2" @ 7300'). Cum Csts: \$206,727.

4-24-80 7300'; Circ & cond hole.
logging w/Welex; run Dual Induction Guard log from 7295 to 200'; Density Neutron from 7295 to 4000 frac finder from 2295 to 4000; TIH to circ & cond 10' of fill; circ & cond hole; WO logs, bad weather; MW 9.5, vis 42, WL 9.8, PV 9, YP 5, sand tr, solids 8, pH 10.7, ALK: Pf .8, Mf 1.6, CL 3500, CA tr, Gels 3/8, Cake 2/32, MBT 15 lb/bbl, ch 400. (2 1/2" @ 7300'). Cum Csts: \$229,402.

4-25-80 7300'; Clean mud tanks
Circ & cond hole; TOOH; LD DP & DC; RU & run 180 jt 4 1/2 11.6# N-80 LT&C to 7300' KB; Circ 4 1/2" for cmt; Cmt w/Dowell w/20 bbl spacer 1000 20 bbl CW, 100 1490 sx 50/50 Poz 8% gel, 10% salt, 5#/sx Coalite 1/4#/sx flake wt 12.9 ppg 920 sx 50/50 Poz 2% gel 10% salt 1/4#/sx flake; Displ w/112 bbls 5% Kcl good retns; plug bump w/700 psi over pmp; PD 1:30 AM 4-25-80; ND BOP; Set slips w/80% approx 60,000# clean mud tanks; Cum Csts: \$319,927.

4-26-80 7300'; RD & moving to CIGE #69 - WOC.
Cleaning mud tanks and prep to RD; RD & move to CIGE #69; WO Daylight; Sun Ran temp survey w/cmt top indicated @ 200' or above. Cum Csts: \$324,102.
Masek Rig Released 11:00 AM 4-25-80.

5-8-80 7300'; GIH w/mill & csg scraper.
MIRU PU; Unload 232 jts 2-3/8", 4.7# J-55, 8rd, EUE; NU BOP's; PU 3 1/2" mill, csg scraper & 25 jts of 2-3/8" tbg. SDON. Cum Csts: \$347,620.

CIGE #35-1-10-20 NBU

Bitter Creek Field

Uintah County, Utah

AFE: 19693 WI: 100%

ATD: 7200' SD: 4-1-80

9-5/8" @ 200'; 4½" @ 7300';

LOCATION: NE/4 SW/4, Sec 1-T10S-R20E.
KB - GL 13'.5-9-80 7300'; PBD 7191'; RU to acidize.

Finish GIH to 7191'; Circ hole clean; POH; Tst csg to good psi for 15 min - ok; RU OWP & perf 5682, 5686, 5642, 5698, 5780, 5781, 5896, 5901, 5906, 6340, 6342, 6344 - 12 JS; WIH w/notched collar, 1 jt of 2-3/8", SN, 178 jt of 2-3/8" tbg & 1-3' blast jt; Btm - 5491' & SN - 5459'; NU tree; SDON. Cum Csts: \$355,290.

5-10-80 Flw to pit on 20/64" ck; FTP 50 psi; hvy mist.

RU Howco & tst lines to 6000 psi; Pmp 10 bbl 5% KCl 7 broke dwn @ 4 BPM & 5150 psi; Pmp 2400 gal 7½% HCl w/20 BS. Ball out twice; AIR 3 BPM @ 4500 psi. ISIP 2000 15 min 1800; RD Howco; Flw to pit on 18/64" & died; Swb rec 35 BF. Opn to pit on 18/64" ck. SDON. Cum Csts: \$361,293.

5-12-80 SI; WO frac.

Flwd to pit for 6 hrs; 24/64" ck 50 psi; approx 140 MCF;
SI; WO Frac.

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1898' FWL & 1769' FSL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes

9. WELL NO.
CIG 35-1-10428

10. FIELD OR LOCALITY NAME
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 1-T10S-R20E

12. COUNTY OR PARISH 13. STATE
Uintah Utah

14. API NO.
43-047-30494

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4979' 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) <u>NTL-2B Unlined Pit</u>			

Approval denied

(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.)*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than 1 BWPD. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

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 September 18, 1980

(This space for Federal or State office use)

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

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

WELL CODE 01-11	FIELD NAME NATURAL BUTTES, UT	OPERATOR CODE 2200	OPERATOR NAME CIG EXPLORATION INC	WELL NAME CIGE 35-1-10-20
3 CODE 25381	LOCATION SECT. TWNSHP/BLK RGE/SUR. 1 10S 20E	PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR 1	FORMATION WASATCH SA FLOW TEST	

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 TBG/CSG PRESSURE	FLOWING STRING TUBING CASING														
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	75
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
08	31	82	09	07	82	00	750	2	067	0.2779	0.603	100	006220	0530	081														X

WELL-OFF (SHUT-IN)			SHUT-IN TEST														TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.									
PRESSURE TAKEN			DATE		CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	CIG: <i>[Signature]</i>					OPERATOR: <i>[Signature]</i>	COMMISSION:							
MO.	DAY	YR.	MO.	DAY	YR.	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	X	E	E						
09	07	82	09	10	82	0100	70	0100	50	687	1	7950	5491													

25381 00750

REMARKS:

**COLORADO INTERSTATE GAS COMPANY
WELL TEST DATA FORM**

STATE COPY

FIELD CODE			FIELD NAME										OPERATOR CODE		OPERATOR NAME										WELL NAME			
WELL CODE	SECT.	LOCATION		RGE/SUR		PANHANDLE/REDCAVE				FORMATION																		
3	1	105	20E			K-FACTOR				Washakie						CIG-35												

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 TUBING CASING		
MO	DAY	YR	MO	DAY	YR	21	22	23	27	28	32	33	38	39	42	43	46	48	51	52	55	58	59	61	62	67	68	73	74	75
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	X
08	15	80	08	20	80	01	0	62	067				0.592	100	0.505	0	06	80	79					1665	1690					

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.
DATE			PRESSURE TAKEN		DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																	
MO	DAY	YR	MO	DAY	YR	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	X	X	E	E					
						10	02	80	0	02	90	1														

METER STAMP: *See well No 2 stamp*

REMARKS:

CIG: *Kran...*

OPERATOR: _____

COMMISSION: _____

NATURAL BUTTES UNIT
COASTAL OIL & GAS CORPORATION - OPERATED (COGC)
COLORADO INTERSTATE GAS EXPLORATION - OPERATED (CIGE)

Natural Duck

COGC 1-22-9-20
COGC 2-22-9-20

Natural Buttes

COGC NBU (Ute Trail) #1W
COGC NBU (Ute Trail) #1MV
COGC NBU (Ute Trail) #7
COGC NBU (Ute Trail) #52X
COGC NBU (Ute Trail) #83X
COGC NBU (Ute Trail) #88X

COGC NBU #1
COGC NBU #3
COGC NBU #4
COGC NBU #6
COGC NBU #7
COGC NBU #8
COGC NBU #9
COGC NBU #10
COGC NBU #11
COGC NBU #12
COGC NBU #13
COGC NBU #14
COGC NBU #15
COGC NBU #16
COGC NBU #17
COGC NBU #18
COGC NBU #19
COGC NBU #20
COGC NBU #22
COGC NBU #23 N
COGC NBU #24 N2
COGC NBU #26

Highland (Coastal Operated)

NBU #27
NBU #27A
NBU #28
NBU #29
NBU #31

COGC NBU #32Y
COGC NBU #33Y
COGC NBU #35Y
COGC NBU #36Y

COGC NBU #37XP
COGC NBU #38 N2
COGC NBU #39 N
COGC NBU #41J
COGC NBU #43 N
COGC NBU #45 N
COGC NBU #46 N

RECEIVED
FEB 14 1968

DIVISION OF
OIL, GAS & MINING

CIGE NBU #33-27-10-21
CIGE NBU #34-13-10-20
CIGE NBU #35-1-10-20
CIGE NBU #36D-32-9-22
CIGE NBU #37D-21-9-21P
CIGE NBU #38-4-10-21
CIGE NBU #40-3-10-21
CIGE NBU #41-12-10-21
CIGE NBU #42-25-9-21
CIGE NBU #43-14-10-22
CIGE NBU #44-9-9-21
CIGE NBU #45-15-9-21
CIGE NBU #46-21-9-21
CIGE NBU #47-14-10-21
CIGE NBU #48-15-10-21
CIGE NBU #49-22-10-21
CIGE NBU #51D-31-9-22P
CIGE NBU #52-5-10-22
CIGE NBU #53-6-10-22
CIGE NBU #54D-35-9-21
CIGE NBU #55-1-10-21
CIGE NBU #56-34-9-21
CIGE NBU #57-10-10-21
CIGE NBU #58-16-10-21
CIGE NBU #59-21-10-21
CIGE NBU #60-14-9-21
CIGE NBU #61-13-9-21
CIGE NBU #62D-36-9-22P
CIGE NBU #63D-29-9-22P
CIGE NBU #64D-33-9-22P
CIGE NBU #65-19-10-22
CIGE NBU #66-23-10-21
CIGE NBU #67A-2-10-22P
CIGE NBU #68D-35-9-22P
CIGE NBU #69-19-10-21
CIGE NBU #70-20-9-21
CIGE NBU #71-7-9-21
CIGE NBU #72-18-9-21
CIGE NBU #73D-5-10-22P
CIGE NBU #74D-6-10-22P
CIGE NBU #75D-8-10-21P
CIGE NBU #76D-9-10-21P
CIGE NBU #77D-10-10-21P
CIGE NBU #78C-16-9-21P
CIGE NBU #79D-1-10-21P
CIGE NBU #80D-2-10-21
CIGE NBU #81D-4-10-21
CIGE NBU #83D-7-10-22P
CIGE NBU #84D-12-10-21P
CIGE NBU #85D-29-10-21
CIGE NBU #86D-16-9-21P
CIGE NBU #87D-34-9-21P
CIGE NBU #88D-15-10-21P
CIGE NBU #89D-34-9-22J

105, 20E, 1 30494

COGC NBU #47 N2
COGC NBU #48 N3
COGC NBU #49 V
COGC NBU #50 N2
COGC NBU #51 J
COGC NBU #52 J
COGC NBU #53 N
COGC NBU #54 N
COGC NBU #56 N2
COGC NBU #57 N
COGC NBU #58 N2
COGC NBU #62 N
COGC NBU #63 N3
COGC NBU #64 N3
COGC NBU #65 N3
COGC NBU #68 N2
COGC NBU #69 N2
COGC NBU #70 N3
COGC NBU #72 N3
COGC NBU #74 N3
COGC NBU #75 N3
COGC NBU #80 V
COGC NBU #81 V
COGC NBU #83 J
COGC NBU #84 V
COGC NBU #85 J
COGC NBU #86 J
COGC NBU #87 J
COGC NBU #98 V

CIGE NBU #2-29-20-21
CIGE NBU #3-32-9-22
CIGE NBU #4-9-10-21
CIGE NBU #5-31-9-22
CIGE NBU #6-19-9-21
CIGE NBU #7-8-10-21
CIGE NBU #8-35-9-22
CIGE NBU #9-36-9-22
CIGE NBU #10-2-10-22
CIGE NBU #11-14-9-20 (W)
CIGE NBU #13-7-10-21
CIGE NBU #14-9-10-22
CIGE NBU #15-8-10-22
CIGE NBU #16-20-10-22
CIGE NBU #18-2-10-21
CIGE NBU #19-16-9-21
CIGE NBU #20-20-10-22
CIGE NBU #21-15-10-22
CIGE NBU #22-15-9-10
CIGE NBU #23-7-10-22
CIGE NBU #24-29-9-22
CIGE NBU #25-34-9-22
CIGE NBU #27-33-9-22
CIGE NBU #28-35-9-21
CIGE NBU #30-6-10-21
CIGE NBU #31-1-10-22
CIGE NBU #32A-20-9-20

CIGE NBU #90D-9-9-21J
CIGE NBU #91D-15-9-21J
CIGE NBU #92D-13-10-20J
CIGE NBU #93D-2-10-21J
CIGE NBU #94D-14-10-21J
CIGE NBU #95D-14-10-21J
CIGE NBU #99D-25-9-21J

COGC NBU #11-14-9-20

Bluebell (Coastal Operated)

Asay

Powell Fee #3

Powell Fee #4

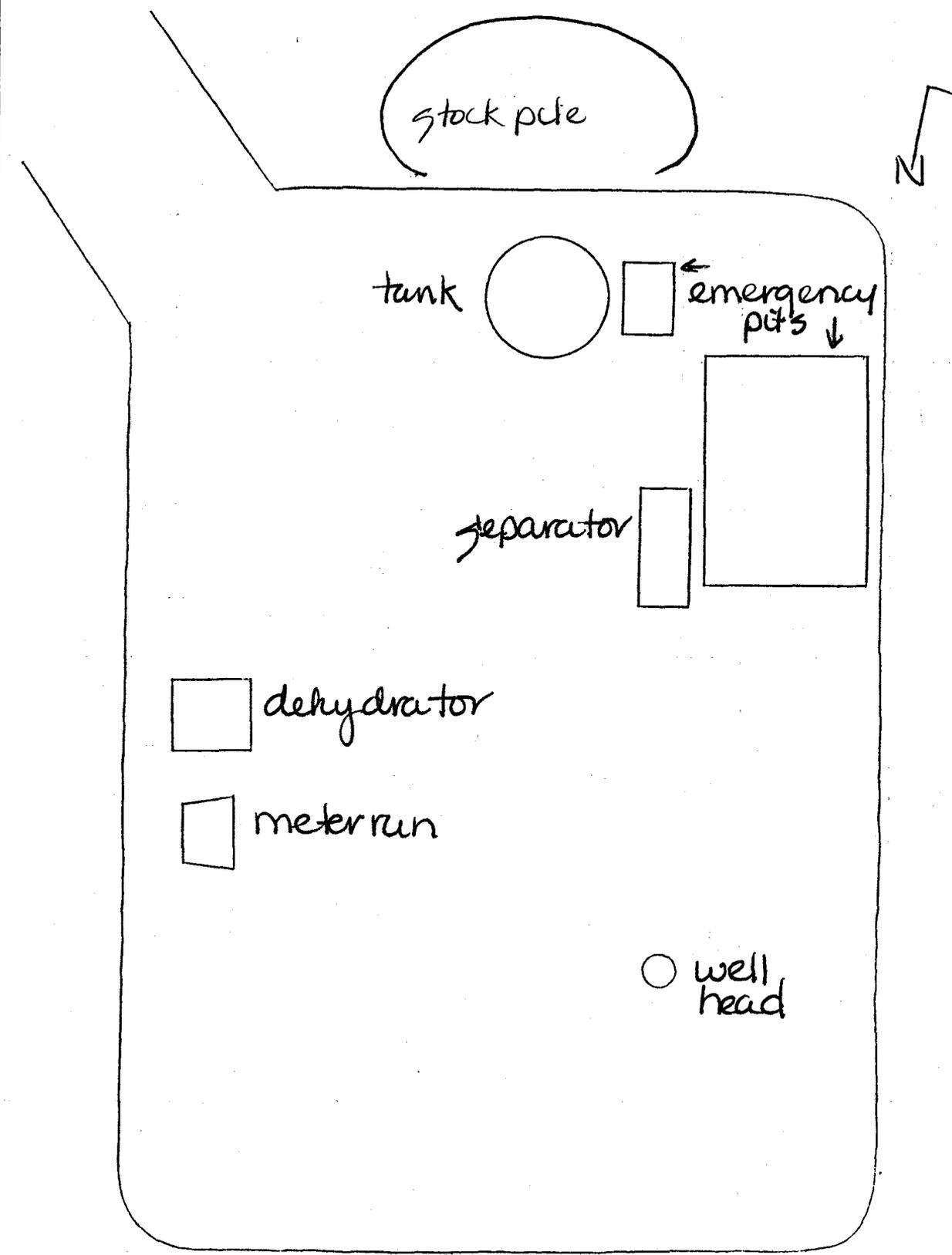
Ute Tribal #1-31

Powell Fee #3 SWD

WELL # 35

SEC 1, T10S, R20E

Wubly 12/15/88



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____
2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company
3. ADDRESS OF OPERATOR:
8 South 1200 East CITY Vernal STATE Utah ZIP 84078
PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL
FOOTAGES AT SURFACE: _____ COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH

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"/> 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 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<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.
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.
See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01
El Paso Production Oil & Gas Company
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED
JUN 19 2001
DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit 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 Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. 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 Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH ✓		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit: NATURAL BUTTES

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 342-35E	43-047-32212	2900	35-09S-22E	FEDERAL	GW	P
CIGE 186-35-9-22	43-047-32590	2900	35-09S-22E	FEDERAL	GW	TA
CIGE 193-35-9-22	43-047-32973	2900	35-09S-22E	FEDERAL	GW	P
NBU CIGE 35-1-10-20	43-047-30494	2900	01-10S-20E	FEDERAL	GW	P
CIGE 134-1-10-20	43-047-31989	2900	01-10S-20E	FEDERAL	GW	P
CIGE 165-1-10-20	43-047-32114	2900	01-10S-20E	FEDERAL	GW	P
CIGE 177-1-10-20	43-047-32322	2900	01-10S-20E	FEDERAL	GW	P
NBU 358-1E	43-047-32388	2900	01-10S-20E	FEDERAL	GW	P
CIGE 229-1-10-20	43-047-33006	2900	01-10S-20E	FEDERAL	GW	P
NBU 497-1E	43-047-33123	2900	01-10S-20E	FEDERAL	GW	P
NBU 63-12B	43-047-30466	2900	12-10S-20E	FEDERAL	GW	P
NBU 72N-3	43-047-31088	2900	12-10S-20E	FEDERAL	GW	P
NBU 162	43-047-32066	2900	12-10S-20E	FEDERAL	GW	P
NBU 168	43-047-32117	2900	12-10S-20E	FEDERAL	GW	P
NBU 169	43-047-32118	2900	12-10S-20E	FEDERAL	GW	P
NBU 295	43-047-32939	2900	12-10S-20E	FEDERAL	GW	P
NBU 523-12E	43-047-33685	2900	12-10S-20E	FEDERAL	GW	P
NBU 516-12E	43-047-33696	2900	12-10S-20E	FEDERAL	GW	P
NBU 524-12E	43-047-33701	2900	12-10S-20E	FEDERAL	GW	P
NBU 26-13B	43-047-30364	2900	13-10S-20E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

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
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.

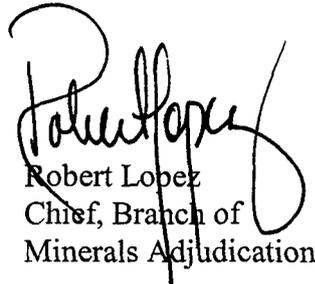
For our purposes, the name change is recognized effective December 31, 2001.

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.

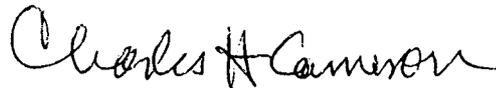
We have no objection.

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 10 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

SUNDRY NOTICES AND REPORTS ON WELLS		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 CITY: Houston STATE: TX ZIP: 77064-0995 PHONE NUMBER: (832) 676-5933		9. API NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input checked="" type="checkbox"/> Other
	SUCCESSOR OF OPERATOR

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 recomplate 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 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 if 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. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) **CHERYL CAMERON** Title **OPERATIONS**

Signature *[Signature]* Date **March 4, 2003**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title _____ Date _____

Office _____

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.

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: 12-17-02	
FROM: (Old Operator):	TO: (New Operator):
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)						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 62D-32-9-22	36-09S-22E	43-047-30885	2900	STATE	GW	P
NBU 213-36J	36-09S-22E	43-047-31268	2900	STATE	GW	P
NBU 318-36E	36-09S-22E	43-047-32204	2900	STATE	GW	P
NBU 343-36E	36-09S-22E	43-047-32205	2900	STATE	GW	P
CIGE 221-36-9-22	36-09S-22E	43-047-32868	2900	STATE	GW	P
CIGE 222-36-9-22	36-09S-22E	43-047-32869	2900	STATE	GW	P
CIGE 147-36-9-22	36-09S-22E	43-047-32020	2900	STATE	GW	PA
CIGE 177-1-10-20	01-10S-20E	43-047-32322	2900	FEDERAL	GW	P
NBU CIGE 35-1-10-20	01-10S-20E	43-047-30494	2900	FEDERAL	GW	S
CIGE 134-1-10-20	01-10S-20E	43-047-31989	2900	FEDERAL	GW	P
CIGE 165-1-10-20	01-10S-20E	43-047-32114	2900	FEDERAL	GW	P
NBU 358-1E	01-10S-20E	43-047-32388	2900	FEDERAL	GW	P
CIGE 229-1-10-20	01-10S-20E	43-047-33006	2900	FEDERAL	GW	P
NBU 497-1E	01-10S-20E	43-047-33123	2900	FEDERAL	GW	P
NBU 162	12-10S-20E	43-047-32066	2900	FEDERAL	GW	P
NBU 63-12B	12-10S-20E	43-047-30466	2900	FEDERAL	GW	P
NBU 72N-3	12-10S-20E	43-047-31088	2900	FEDERAL	GW	P
NBU 168	12-10S-20E	43-047-32117	2900	FEDERAL	GW	P
NBU 169	12-10S-20E	43-047-32118	2900	FEDERAL	GW	P
NBU 295	12-10S-20E	43-047-32939	2900	FEDERAL	GW	P

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: 03/19/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/19/2003
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:

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 Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891008900A

8. Well Name and No.
Multiple Wells - see attached

9. API Well No.
Multiple Wells - see attached

10. Field and Pool, or Exploratory Area
Natural Buttes Unit

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-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple Wells - see attached

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 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 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 recomplate 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.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III.C.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed) J.T. Conley	Title Operations Manager	SEP 10 2003 DIV. OF OIL, GAS & MINING
Signature <i>J.T. Conley</i>	Date 9-2-2003	
Initials JTC	Date 9-2-2003	

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title _____ Date _____

Accepted by the Utah Division of Oil, Gas and Mining
Date: 9/16/03

Federal Approval of This Action is Necessary

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.

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.

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
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

Capital \$	Cap/Exp Code	Cost, \$	Oil Price	\$ 23.00	\$/BO
Expense \$	820/830/840	\$1,200	Gas Price	\$ 3.10	\$/MCF
Total \$	830/860	\$0	Electric Cost	\$ -	\$/ HP / day
		\$1,200	OPX/BF	\$ 2.00	\$/BF
			OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

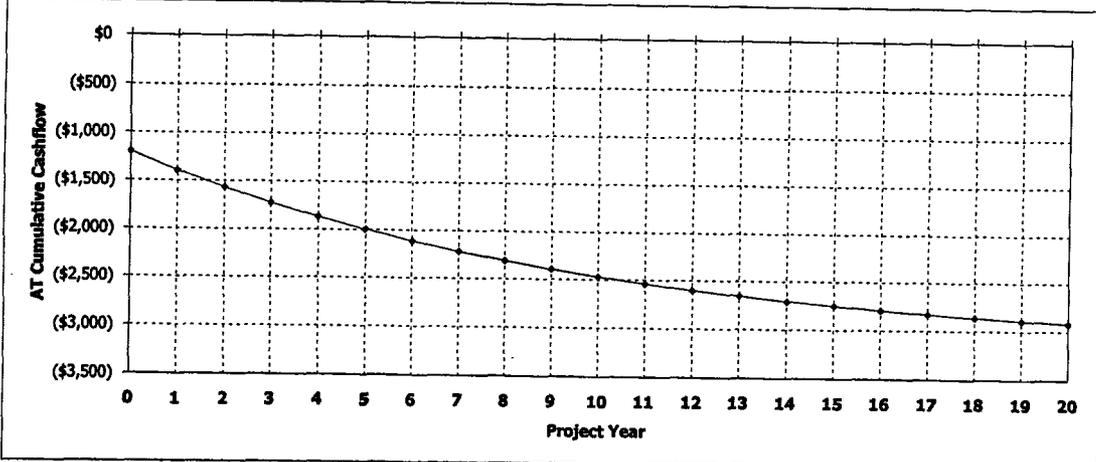
	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

<p>Project Life: Life = 20.0 Years (Life no longer than 20 years)</p> <p>Internal Rate of Return: After Tax IROR = #DIV/0!</p> <p>AT Cum Cashflow: Operating Cashflow = (\$2,917) (Discounted @ 10%)</p>	<p>Payout Calculation:</p> <p>Payout = $\frac{\text{Total Investment}}{\text{Sum(OPX + incremental Revenue)}} = 1$</p> <p>Payout occurs when total AT cashflow equals investment See graph below, note years when cashflow reaches zero</p> <p>Payout = NEVER Years or #VALUE! Days</p>
--	--

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

Notes/Assumptions:
An average NBU well produces 0.192 Bopd with no tank pressure. The production is increased to 0.196 Bopd if 6 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

CIGE 011GR	14-9-20 SWSE	UTU00117A	891008900A	430473042400S1
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1
CIGE 014	9-10-21 NESW	UTU01196B	891008900A	430473048400S1
CIGE 018	2-10-21 NWNE	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	430473050800S1
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 NWNE	UTU01188	891008900A	430473115100S1

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.
SEE ATTACHED

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SEE ATTACHED

9. API Well No.
SEE ATTACHED

10. Field and Pool, or Exploratory Area
VARIOUS

11. County or Parish, State
UINTAH, UTAH

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 checked="" 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 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 recompleat 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 recompleat 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.

THE OPERATOR REQUESTS AUTHORIZATION TO PLACE THE SUBJECT WELL LOCATIONS ON TEMPORARILY ABANDONMENT STATUS, UNTIL SUCH TIME THE WELL LOCATIONS CAN BE PLUGGED AND ABANDON.

PLEASE REFER TO THE ATTACHED LIST OF PROPOSED PLUG AND ABANDONMENTS FOR THE NEXT 5 YEARS.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

COPY SENT TO OPERATOR
Date: 8-24-04
Initials: CTR

DATE: 8/20/2004
BY: [Signature]
* See Conditions of Approval (Attached)
Federal Approval of This Action Is Necessary

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

Name (Printed/Typed) Sheila Upchegg	Title Regulatory Analyst
Signature <i>Sheila Upchegg</i>	Date May 25, 2004

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)

RECEIVED
JUN 03 2004
DIV. OF OIL, GAS & MINING

API #	WELL NAME	S-T-R	LEASE NUMBERS
43-047-			

Proposed 2004 P&A's - 13 Wells

31900	EAST GUSHER 15-1A	15-6-20 NENE	UTU-58007
30423	JACK RABBIT 1-11	11-10-23 SWNE	UTU-38425
32540	SOUTHMAN CANYON 09-03M	9-10-23 SWSW	UTU-37355
32543	SOUTHMAN CANYON 31-01-L	31-9-23 NWSW	UTU-33433
31100	NBU 070N3	3-10-22 SWNW	UTU-01191
30221	NBU 018	10-10-22 SWNE	UTU-025187
20280	WALKER HOLLOW U MCLISH 1	8-7-23 SWSW.	UTU-02651
30011	WALKER HOLLOW U MCLISH 2	8-7-23 SWSE	UTU-02651
30030	WALKER HOLLOW U MCLISH 4	8-7-23 NESW	UTU-02651
31034	WALKER HOLLOW UNIT 6	8-7-23 SESE	UTU-02651
30027	WALKER HOLLOW U MCLISH 3	8-7-23 NESE	UTU-02651
31092	WALKER HOLLOW UNIT J-8	8-7-23 NWSE	UTU-02651
31975	NBU 153	11-10-22 SWNW	U-01197A

Proposed 2005 P&A's - 15 Wells

31833	BASER DRAW 5-1	5-7-22 NWNW	UTU-075939
31834	BASER DRAW 6-1	6-7-22 NWNW	UTU-075939
31859	BASER DRAW FEDERAL 6-2	6-7-22 SWNE	UTU-075939
31304	COORS FEDERAL 14-1D	14-7-21 NWNW	UTU-65223
32009	COORS FEDERAL 2-10HB	10-7-21 NWNW	UTU-6522
30753	DM ICE FRIDAY 34-22	34-8-20 NESE	14-20-H62-2997
32333	FEDERAL 11-1-M	11-6-20 SWSW	UTU-64376
33831	HORSESHOE BEND FED 03-1	3-7-21 NWSE	UTU-0142175
33832	HORSESHOE BEND FED 04-1	4-7-21 NWSE	UTU-66401
33872	HORSESHOE BEND FED 26-3	26-6-21 NWSW	UTU-38401
33667	KENNEDY WASH FED 14-1	14-8-23 NWSW	UTU-71424
30623	SAND RIDGE FED 23-17	17-8-23 NESW	UTU-0143276
31508	STIRRUP FEDERAL 29-2	29-6-21 NWSE	UTU-46699
31634	STIRRUP FEDERAL 29-3	29-6-21 SESE	UTU-78854
30815	WEST WALKER FED. 1-33	33-6-22 NWSW	UTU-38411

Proposed 2006 P&A's - 15 Wells

30524	BITTER CREEK 01-03	3-11-22 SWNE	UTU-29797
30379	CANYON VIEW FEDERAL 1-18	18-10-23 SENW	UTU-38421
30369	CROOKED CYN FED 1-17	17-10-23 NENW	UTU-37355
31778	E BENCH UNIT #1	33-11-22 NWSE	UT-121P
30365	FLAT MESA FED. 1-7	7-10-23 NWSE	UTU-38420
30544	LOOKOUT POINT STATE 1-16	16-10-23 NESE	ML-221886A
30766	LOVE UNIT B2-3	3-11-21 SWSW	UTU-8347
30560	NSO FEDERAL 1-12	12-10-23 NENW	UTU-38423
30558	PETE'S FLAT 1-1	1-10-23 NESE	UTU-40736
30382	SAGE HEN FEDERAL 1-6	6-10-23 NESE	UTU-38419
30383	SAGEBRUSH FEDERAL 1-8	8-10-23 SWNE	UTU-37355
30856	SOUTHMAN CANYON 01-05 FED	5-10-23 SENW	UTU-33433
30632	SOUTHMAN CANYON 4-4	4-10-23 NWSE	UTU-33433
30481	WHITE RIVER 1-14	14-10-23 NENW	UTU-38427
31775	WILLOW CREEK UNIT #1	27-11-20 SENE	UT-128P



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

CONDITIONS OF APPROVAL TO EXTEND SI/TA OF WELL

Well Name and Number:	Several State and Federal wells
API Number:	See Sundry List
Operator:	Westport Oil and Gas Company L.P.
Reference Document:	Original Sundry dated May 25, 2004, received by DOGM on June 3, 2004

The Division of Oil, Gas and Mining (DOGM) accepts Westport's plan of action to Plug and Abandon sixty-nine wells by year-end 2008. Based upon the plan of action DOGM approves these sixty-nine (69) wells for extended shut-in until September 1, 2005.

Approval Conditions (Federal Approval necessary on all Federal/Indian wells):

1. If SI/TA is desired beyond the approval date listed above, the operator should submit a request for extended SI/TA at that time. Adherence to the accepted plan of action, wellbore conditions etc. will be taken into consideration.
2. A well monitoring program should be in place to ensure that health, safety and the environment are all protected (wellbore integrity).
3. Any changes in wellbore conditions or integrity; or sustained pressure on casing/casing annuli shall be reported to the Division immediately. A new monitoring program or remedial action may be necessary at that time.

Dustin K. Doucet
Petroleum Engineer

August 20, 2004

Date

Proposed 2007 P&A's - 15 Wells

30494	CIGE 035	1-10-20 NESW	UTU-02270A
30542	CIGE 066	23-10-21 SENW	UTU-02278A
30952	CIGE 073D	5-10-22 SWSW	UTU-01191A
30953	CIGE 074D	6-10-22 NWSE	UTU-01195
31915	CIGE 114	34-9-21 NESE	U-01194A
34436	CIGE 282	7-10-22 NENE	ML-23609
30962	KURIP 01-027	1-9-20 NENW	14-20-H62-3004
30848	NBU 043	26-10-20 NWSE	UTU-4476
30534	NBU 047N2	30-10-22 SESW	UTU-0132568A
31250	NBU 087J	3-10-22 NESW	UTU-01191A
31923	NBU 114	5-10-21 SWSW	UTU-01393D
31982	NBU 149	5-10-22 NESE	UTU-01191
31992	NBU 150	9-10-22 SENW	UTU-01196B
32234	NBU 188	10-10-22 SWSW	U-01196C
33692	WONSITS FEDERAL 01-05	5-8-22 LOT 5	UTU-72633

Proposed 2008 P&A's - 11 wells

32401	NBU 213	15-10-22 NWNW	UTU-025187
32480	NBU 217	28-9-21 NESW	U-05678
32944	NBU 242	5-10-22 SWSE	UTU-01191
32917	NBU 253	10-9-21 SWNW	U-0141315
32929	NBU 262	33-9-21 NENE	UTU-0576
33011	NBU 278	30-9-22 SWSW	U-463
32976	NBU 285	3-10-22 NWNW	UTU-01191
32886	NBU 296 GR	24-10-20 NWNE	UTU-4485
33776	NBU 364	29-9-21 SESE	UTU-0581
30838	NBU 58N2	27-10-22 NENW	U-473
31327	NBU 98-V	34-9-21 SWSW	U-01194-A

69 total wells

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)
NESW SECTION 1-T10S-R20E 1769'FSL & 1898'FWL

5. Lease Serial No.
U-02270-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CIGE 35

9. API Well No.
43-047-30494

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 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.

THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL LOCATION.
 THE SUBJECT WELL LOCATION HAS NO UPHOLE POTENTIAL.
 THE SUBJECT WELL LOCATION IS CURRENTLY SHUT IN AND TEMPORARILY ABANDONED.

PLEASE REFER TO THE ATTACHED PLUG AND ABANDON PROCEDURE.

COPY SENT TO OPERATOR
 Date: 8-27-05
 Initials: CHD

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

Name (Printed/Typed) Sheila Upchego	Title Regulatory Analyst
Signature <i>Sheila Upchego</i>	Date August 17, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title **Utah Division of Oil, Gas and Mining** Date **8/25/05**

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.

Federal Approval Of This Action Is Necessary

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)

RECEIVED
 AUG 19 2005

CIGE 35
1898' FWL & 1769" FSL
NESW Section 1 - T10S - R20E
Uintah County, UT

KBE: 4992'
GLE: 4979'
TD: 7300'
PBTD: 7081'

API NUMBER: 43-047-30494
LEASE NUMBER: U-02270-A
WI: 100.000000%
NRI: 79.498040%
ORRI: 7.592840%
UNIT/CA NUMBER:

CASING: 12.25" hole
 9.625", 43.50#, N-80 @ 200' GL
 Cemented with 125 sx Class H, circulated 5 BC to pit. TOC @ surface.

7.875" hole
 4.5", 11.6#, N-80 @ 7300' KB
 Cemented with 1490 sx 50/50 Pozmix. TOC @ ~200' by temperature survey.

TUBING: 2.375" 4.7# J-55 landed at 6308', SN at 6276'.

Tubular	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
9.625" 43.50# N-80 csg	8.599	3810	6330	3.1273	0.4418	0.0787
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
4.5" csg. X 9.625" 43.5# csg.				2.3142	0.3095	0.0551
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406

PERFORATIONS

Formation	Date	Top	Bottom	SPF	Status
Wasatch	5/9/1980	5682		1	Open
Wasatch	5/9/1980	5686		1	Open
Wasatch	5/9/1980	5692		1	Open
Wasatch	5/9/1980	5698		1	Open
Wasatch	5/9/1980	5780		1	Open
Wasatch	5/9/1980	5781		1	Open
Wasatch	5/9/1980	5896		1	Open
Wasatch	5/9/1980	5901		1	Open
Wasatch	5/9/1980	5906		1	Open
Wasatch	5/9/1980	6340		1	Open
Wasatch	5/9/1980	6342		1	Open
Wasatch	5/9/1980	6344		1	Open

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1500'
Wasatch	4840'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~1000' MSL
USDW Depth	~3992' KBE

WELL HISTORY

Completion – May 1980

- TD'd on April 23, 1980.
- Perforated gross Wasatch interval 5682' through 6344' with 3.125" casing gun, 12 holes. Fractured with 77,300 gals gel containing 140,000# 20/40 mesh sand.
- On production 5/16/1980.

Workover #1 – November 1999

- Lowered tubing to 6308'.

Remarks:

- Wasatch only, no openhole logs in Vernal for cursory review. Based on perforation record, it appears that all major Wasatch sand packages were completed.
- One of the better performing wells in the vicinity. Two offsets have EUR's approximately twice as large, five others are considerably less than CIGE 35.
- Perforation configuration would allow refrac, but high cumulative decreases chance of success.
- **2007 P&A. Have Geology review uphole Green River, apparently have cement coverage.**

CIGE 35 P&A PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- NOTIFY THE BLM AT 435-781-4400 24 HOURS BEFORE MOVING ON LOCATION.

P&A PROCEDURE

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. TOH WITH TUBING. RU WIRELINE AND MAKE A GAUGE RING RUN TO ~5700'.
3. **PLUG #1, PERFORATIONS (TOP PERF @ 5682')**: SET CIBP AT ~5650' AND SPOT 50' (~6 SX. OR ~6.85 CUFT.) CLASS G CEMENT ON TOP. DISPLACE WELL WITH 10 PPG BRINE.
4. **PLUG #2, WASATCH TOP (~4840')**: SPOT A BALANCED CEMENT PLUG FROM 4740' – 4940' USING ~23 SX (~25.81 CUFT.) CLASS G CEMENT. DISPLACE WELL WITH 10 PPG BRINE.
5. **PLUG #3, BASE OF USDW (~3992')**: SPOT A BALANCED CEMENT PLUG FROM 4092' – 3892' USING ~21 SX (~24.24 CUFT.) CLASS G CEMENT. DISPLACE WELL WITH 10 PPG BRINE.
6. **PLUG #4, GREEN RIVER TOP (~1500')**: SPOT A BALANCED CEMENT PLUG FROM 1600' – 1400' USING ~18 SX (~20.06 CUFT.) CLASS G CEMENT. DISPLACE WELL WITH 10 PPG BRINE.
7. **PLUG #5, 4 ½" CASING STUB (~200'), SURFACE**: CUT 4 ½" CASING @ ~200' (TOC). PULL AND LD SAME. SPOT ~200' OF CEMENT INSIDE SURFACE CASING USING ~77 SX (~88.36 CUFT.) CLASS G CEMENT.
8. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
9. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM – 8/2/05

Wellbore Diagram

API Well No: 43-047-30494-00-00 Permit No:

Well Name/No: CIGE 35

Company Name: WESTPORT OIL & GAS CO LP

Location: Sec: 1 T: 10S R: 20E Spot: NESW

Coordinates: X: 618169 Y: 4425658

Field Name: NATURAL BUTTES

County Name: UINTAH

⑤
Surface Plug 200' Surface

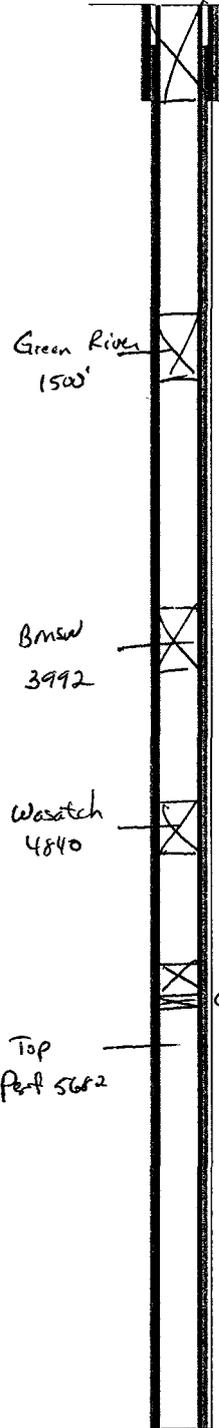
String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	200	12.25		
SURF	200	9.625	43.5	
HOL2	7300	7.875		
PROD	7300	4.5	11.6	

Cement from 200 ft. to surface
 Surface: 9.625 in. @ 200 ft.
 Hole: 12.25 in. @ 200 ft.
 Cut 4 1/2" CSG @ 200'

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	7300	200	PC	2410
SURF	200	0	H	125



④
Balanced plug 200'
1400'-1600'

200' balanced plug
3892'-4092'

200' balanced plug 2
4740'-4940'

50' plug
2180' 5650' plug 1

Perforation Information

5682 - 6344

Formation Information

Formation	Depth
GRRV	1500
WSTC	4840

Cement from 7300 ft. to 200 ft.

Production: 4.5 in. @ 7300 ft.

Hole: 7.875 in. @ 7300 ft.

TD: 7300 TVD: PBTD:

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

FROM: (Old Operator):
 N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (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:
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- c. Reports current for Production/Disposition & Sundries on: ok

6. **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 CHANGE OF OPERATOR

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 recomplate 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

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203
BIA BOND = RLB0005239*

APPROVED 5116106

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

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.

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MUTIPLE WELLS

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

9. API Well No.

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

10. Field and Pool, or Exploratory Area

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

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 CHANGE OF OPERATOR

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) BRAD LANEY	Title ENGINEERING SPECIALIST
Signature	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

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

ENV. OF CL, C/O BLM