

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

June 2, 1981

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

RECEIVED

JUN 3 1981

DIVISION OF
OIL, GAS & MINING

Re: NGC #32-29, Glen Bench Unit
Section 29, T8S, R22E
Uintah County, Utah

Gentlemen:

Enclosed are the following documents relating to drilling the above referenced well:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Drilling Procedure
- 4) BOP and Pressure Containment Specifications
- 5) 13 Point Surface Use Plan
- 6) Topographic Maps

Should you require additional information, please contact this office.

Yours truly,

W^m Ryan

Wm. A. Ryan
Petroleum Engineer

/kh

Enclr.

cc: Operations Supt.
C. T. Clark
E. R. Henry

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
 Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1488' FNL, 1796' FEL, Section 29, T8S, R22E
 At proposed prod. zone 1338'
S W N E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 12 miles east of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1858'

16. NO. OF ACRES IN LEASE
 1785.08

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

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

19. PROPOSED DEPTH
 9411' *measured*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4820' GR

22. APPROX. DATE WORK WILL START*
 November 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48# H-40	80'	To surface
12-1/4	8-5/8	24#, K55	2500'	600 sacks
7-7/8	4-1/2	11.6# N-80	8430'	300 sacks

For additional details see attached.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 6/23/81
 BY: [Signature]

RECEIVED
 JUN 3 1981
 DIVISION OF OIL, GAS & MINING

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 Wm Ryan TITLE Petroleum Engineer DATE June 2, 1981
W. A. Ryan

(This space for Federal or State office use)

PERMIT NO. 43-047-30980 APPROVAL DATE _____

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

cc: USGS (5); UT Div. OG&M; Operations Supt.; E. R. Henry; C. T. Clark

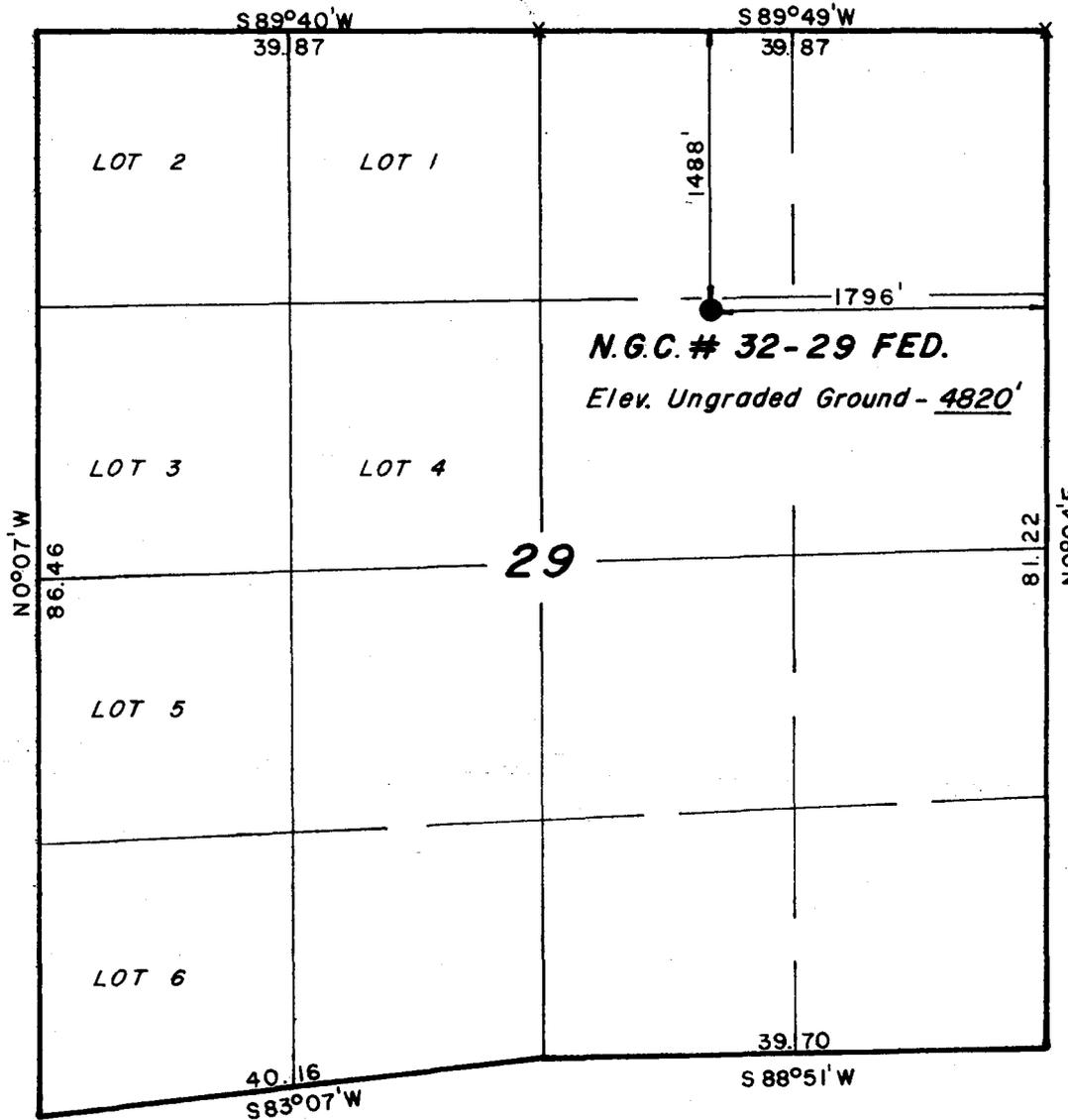
*See Instructions On Reverse Side

T 8 S, R 2 2 E, S. L. B. & M.

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, N.G.C. # 32-29 FED.
located as shown in the SW 1/4 NE 1/4
Section 29, T 8 S, R 2 2 E, S. L. B. & M.
Uintah County, Utah



X = Section Corners Located

DIVISION OF
OIL, GAS & MINING

JUN 8 1981

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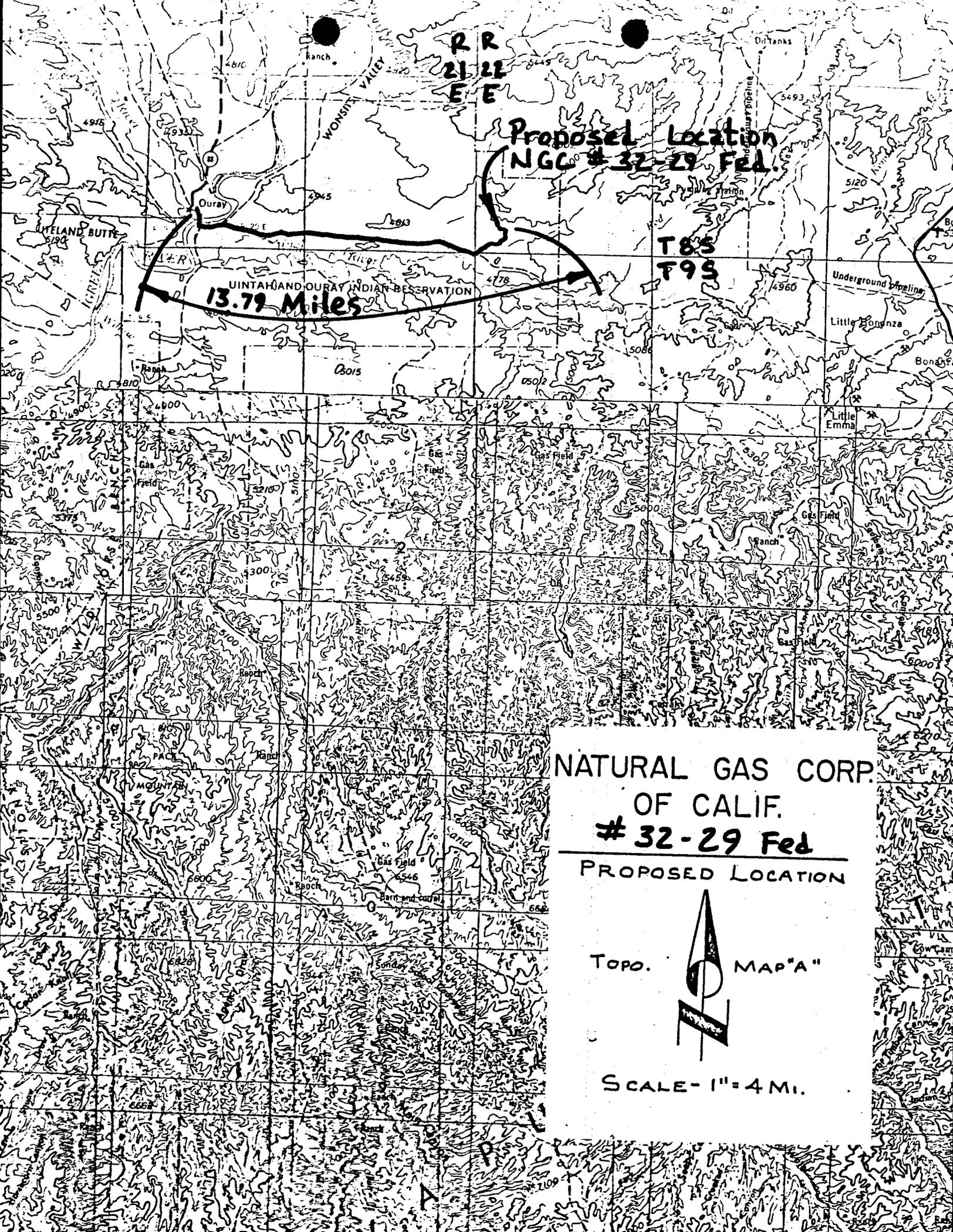
CERTIFICATE

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.

Laurence E. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5/28/81
PARTY RK BK RDR	REFERENCES GLO PLAT
WEATHER CLEAR / WARM	FILE NATURAL GAS CORP. OF CALIF.



RR
21 E

Proposed Location
NGC # 32-29 Fed.

T8S
F9S

13.79 Miles

NATURAL GAS CORP.
OF CALIF.
32-29 Fed

PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 MI.

10 Point Plan
 Glen Bench Unit
 NGC #32-29 Federal
 Section 29, T8S, R22E
 Uintah County, Utah

1. Surface Formation: Uintah

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	+4835' K.B.
Green River	3010'	+1825'
Wasatch	5921'	-1086'
Mesaverde	8911'	-4076'
TD	9411'	-4576'

3. Producing Formation Depth: 5921'-8911'

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Set Depth</u>	<u>Cement</u>	<u>Casing New/Used</u>
17-1/2	13-3/8	48#, H-40	80'	To surface	New
12-1/4	8-5/8	24#, K-55	2500'	600 sacks	New
7-7/8	4-1/2	11.6#, N-80	8430'	300 sacks	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 8-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-2800'	Clear Water		No Control	Water Gel
2800-9411'	9.5	35	10cc/less	Brine

7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.

8. Testing, Coring, Sampling, and Logging:

- (a) Testing: No drillstem tests are anticipated.
- (b) Coring: No coring is planned at this time.
- (c) Sampling: Cutting samples will be collected by the drilling contractor at 30' intervals from surface to 5400', then 10' intervals from 5400' to T.D.
- (d) Logging:

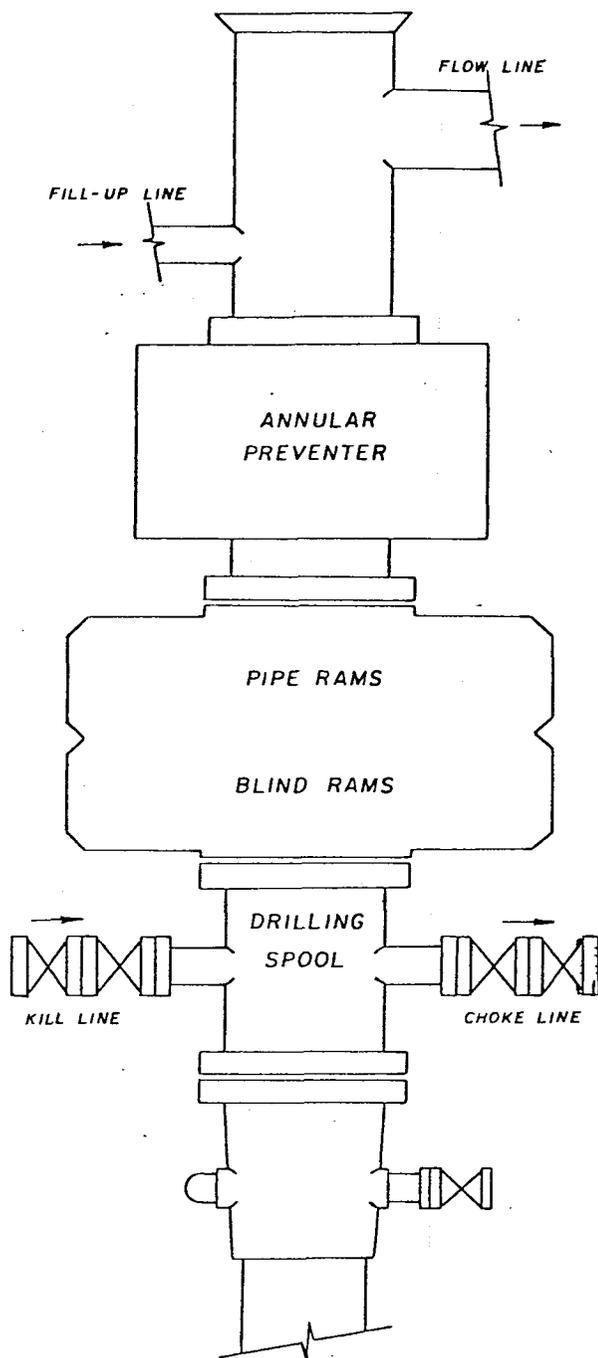
<u>Type</u>	<u>Interval</u>
DIL, w/GR	Surface - TD
BHS/ GR/ Caliper	Surface - TD
Flog overlay	Surface - TD
FDC-CNL	Over pay zones

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.

10. Drilling Schedule: Anticipated starting date 11/1/81, duration of operations - 30 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #32-29 Glen Bench
Section 29, T8S, R22E
Uintah County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

NATURAL GAS CORPORATION OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

NGC #32-29

Located in

Section 29, T8S, R22E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Natural Gas Corporation of California well location NGC #32-29 located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29, T8S, R22E, S.L.B. & M., Uintah County, Utah:

Proceed East from Vernal, Utah along U. S. Highway 40 - 13 miles to its junction with Utah State Highway 245 to the South; proceed in a Southerly direction along Utah State Highway 245 \pm 17.6 miles to Red Wash, Utah; proceed Southwesterly from Red Wash on a Uintah County road approximately 11.9 miles. From this point, the location is located approximately .5 mile West.

The highways mentioned above are bituminous surfaced roads from Vernal, Utah to Red Wash, Utah. The County road is a dirt road constructed from the materials that were accumulated during its construction. The highways are maintained by Utah State road crews, the county road is maintained by Uintah county forces. There will be no construction or maintenance required along the above described roads. They will meet the standards required for the drilling of this well.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 28, T8S, R22E, S.L.B. & M. and proceeds in a Northwesterly direction approximately .5 mile to the proposed location site.

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

The proposed access road will be constructed with an 18' running surface and V-shaped ditches on each side 1 foot deep at 3:1 slopes. Total disturbance width of the road will not exceed 30 feet.

There will be no culverts required along this access road. However, if culverts are required, they will be installed according to specifications for culvert placement found in the Oil & Gas Surface Operations Manual.

There are no fences encountered along this access road. There will be no gates or cattleguards required.

All new construction will be on lands in the Uintah and Ouray Reservation.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

- 1) Water wells - none.
- 2) Abandoned wells - none.
- 3) Temporarily abandoned wells - none.
- 4) Disposal wells - none.
- 5) Drilling wells - none.
- 6) Producing wells - none.
- 7) Shut-in wells - none.
- 8) Injection wells - none.
- 9) Monitoring or observation wells for other resources - none.

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

- A.
 - 1) Tank batteries - none.
 - 2) Production facilities - none.
 - 3) Oil gathering lines - none.
 - 4) Gas gathering lines - none.
- B.
 - 1) In the event production is established, plans for a gas flow line from this location to existing gathering lines shall be submitted to the appropriate agencies for approval. All petroleum production facilities are to be contained within the proposed location site.
 - 2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
 - 3) In the event that production of oil from this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities. A berm will be constructed around the tank batteries large enough to contain the contents of the tanks.

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

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

The anticipated water supply for this location is from the White River in the NE $\frac{1}{4}$ Section 17, T9S, R22E, S.L.B. & M. and will be hauled by truck 4.5 + miles over existing roads and the proposed access road.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site shall be borrow materials accumulated during construction of the location site. 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.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.
- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized sanitary landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned.

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 typical rig layout.

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

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

10. PLANS FOR RESTORATION OF THE SURFACE

Topsoil

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1300 cubic yards of material that will be stockpiled. Topsoil will be stockpiled along the North-east side of the location.

Producing Well

Platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

Abandoned Well

The entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform high-wall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to commencement of the rehabilitation operations.

Seeding

The seed mixture will be: 5 lbs/acre Western Wheatgrass
5 lbs/acre Thickspike Wheatgrass

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The reserve pit will remain fenced as stipulated in Item #7 and be allowed to dry completely before backfilling. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

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

- 1) The soil is gravelly loamy clay with 5% vegetation coverage consisting of 75% sagebrush, 15% other shrubs, 5% grass and 5% miscellaneous.
- 2) The surface is within the Uintah and Ouray Indian Reservation. Cattle and sheep are grazed in the area.
- 3) There are no occupied dwellings or other facilities including archaeological, historical, or cultural sites near the proposed location. The nearest water is the White River, 2.5 miles to the southwest.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

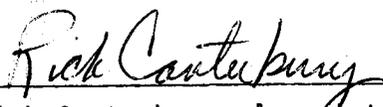
Mr. Rick Canterbury
Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078
Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

June 2, 1981

Date


Rick Canterbury, Associate Engineer

Identification CER/EA No. 480-81

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corp.
Project Type Gas Well - Wildcat
Project Location 1338' FNL 1796' FEL Section 29, T. 8S, R. 22E
Well No. 32-29 Lease No. U-9617
Date Project Submitted June 4, 1981

FIELD INSPECTION

Date July 1, 1981

Field Inspection
Participants

Craig Hansen USGS, Vernal
Lynn Hall BIA, Ft. Duchesne
Rick Canterbury Natural Gas Corp.
Mel Steward Natural Gas Corp.

Related Environmental Documents: _____

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

7-13-81
Date Prepared

Craig Hansen
Environmental Scientist

I concur
JUL 14 1981
Date

W. J. Montano FOR
District Supervisor E. W. GUYNN
DISTRICT ENGINEER

Typing In 7-2-81 Typing Out 7-2-81

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

RECOMMENDED STIPULATIONS FOR NATURAL GAS CORP. OF CALIFORNIA #32-29

1. Location will be moved 150' north to 1338' FNL 1796' FEL to stay out of drainage in the area.
2. A small berm will be placed on the east and south edges of the location to reduce erosion to the location.
3. Production facilities will be painted a tan color to blend in with the natural surroundings.
4. Access road will enter from the north ridge to reduce impact to the drainage and allow safe access to the location.
5. Flowlines will follow existing access roads to transmission lines.
6. Operator will maintain existing access roads to the location.
7. Small drainage will be rerouted south around location.
8. Proper cementing of production string will be made to insure safety of Green River Formation.

Utah and Ouray County
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Natural Gas Corp. of California proposes to drill an gas well 32-29
to a proposed depth of 9411 feet; to construct approximately 0.4 miles of new access road;
and upgrade approximately none miles of existing access road. The well site is located approximately
12 miles east of Ouray, Utah in the SWNE, Sec. 29, T. 8S, R. 22E, SIM.

2. Description of the Environment:

The area is used for livestock, wildhorses, wildlife, hunting, scenic, oil and
gas production. The topography is rolling
hills and swales consisting of sanddunes and clay beds. The vegetation consists of
Indian ricegrass, galleta, mat salthush, western wheatgrass, horsebrush,
trace of rabbit brush and greasewood.
The area is used as wildlife habitat for X deer, X antelope, ___ elk, ___
bear, X small animals, ___ pheasant X dove, X sage grouse, ___ ruffle grouse, ___ blue grouse, ___ bald eagle, ___
golden eagle, other coyotes, rabbits, reptiles, rodents, desert birds.
The climate is characterized by having cold snowy winters and warm dry summers. Tempera-
tures range from -40°F during the winter to 105°F in the summer. The approximate annual precipitation is 6-8
inches. The elevation is 4820 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be re-
moved from 3 acres of land occupied by the well site and access road. The disturbance of the soil and removal of
vegetation will:

A. Destroy wildlife habitat for: X deer, X antelope, ___ elk, ___ bear, X small mammals, ___ pheasant X dove, X sage grouse, ___
ruffle grouse, ___ blue grouse, X rabbit, X golden eagle, ___ bald eagle, other various rodent species
reptiles

B. Remove from production: X rangeland for livestock grazing, ___ irrigated cropland, ___ irrigated pastureland, ___ prime
timberland, ___ pinion-juniper land.

C. Result in the invasion of annual weeds and will cause accelerated soil erosion: During the construction and pro-
duction of the well human activity in the area will increase significantly. This is expected to significantly in-
crease: X poaching of wildlife, X disturbance of wildlife, X vandalism of property, ___ theft of firewood, X litter accumu-
lations, X livestock disturbance, X livestock thefts, X livestock loss to accidents, X increase the hazard to public
health and safety. There is a X high, ___ moderate, ___ slight possibility that pollution from this activity will enter
a stream or lake.

Production facilities can easily be seen from a: community, ___ major highway, ___ public facility.

4. Mitigating measures:

To lessen the impact on the environment the provisions stipulated in the letter to Mr. Ed W. Gynn, District Engineer,
U.S. Geological Survey, dated February 11, 1980 will be implemented. Additional stipulations and changes to the 11
point surface use plan are: (1) Obtain right-of-way and permits from the BIA and Ute
Tribe. (2) Comply with USGS, BIA and Tribal Regulations. (3) Pay surface
owner for damages. (4) The operator must assume responsibility for maintenance
of access roads, well site, production equipment, and pipelines throughout
the lease period. (5) Comply with the changes to the APD during onsite in-
spection as recorded in USGS E.A. #480-81.

FY: '81-107

LEASE NO. U-9617
WELL NO. NGCC #32-29

5. Unavoidable adverse effects:

None of the adverse effects listed in item #3 above can be avoided in a practical manner except those which were mitigated in item #4 above.

6. Relationship between short term and longterm productivity:

As long as oil or gas wells are producing and the access roads are retained there will be a total loss of production on the land and the Environmental Impacts will continue to affect the surrounding area. Normally oil and gas wells produce from 15 to 30 years. After the wells stop producing it is standard policy to restore the surface to near its original condition. Occasionally the site occupied by the well or road can be restored to produce as much as it originally produced, but most of the time it can not be restored to its original productive capacity. Therefore, the land surface productive ability will be permanently damaged.

7. Irreversible and Irretrievable commitment of Natural Resources:

There are two irreversible and irretrievable resources commit in this action.

A. Oil or Gas: Oil and gas is a non-renewable resource. Once it has been removed it can never be replaced.

B. Damage to the land surface: There are three causes of damage to the soil surface due to oil or gas wells and road construction. (1) Gravel is normally hauled onto the site as a pad foundation for equipment and traffic to operate on. Gravel has low fertility and low waterholding capacity. Therefore, after the site is restored the gravel must either be removed, or incorporated into the natural landscape. (2) Chemicals are often either accidentally spilled or intentionally applied to the site for weed and dust control. Generally the chemicals are crude oil or production water, which may contain as much as 20,000 PPM of salts. Once chemicals become incorporated in the soil they are difficult to remove and interfere with the soils ability to produce vegetation. (3) Soil compaction occurs where the site is subject to stormy wet weather and traffic from heavy trucks and equipment. Each of the above items cause soil damage and after the site is restored the productive ability of the soil will be damaged permanently.

8. Alternatives:

A. No. program - This alternative refuses the authorization of the application for permit to drill. This action would not allow the operator to enter upon the land surface to drill for oil or gas. Because the minerals usually cannot be developed without encroachment on the surface, the mineral estate is normally and traditionally designated as dominant, and the surface ownership subservient. The mineral operator's conduct is generally prescribed only by the rule of reasonableness and the limitations that he is not permitted to act in a wanton or negligent manner. Within their confines, the operator has considerable latitude in the necessary use of the surface to produce and develop the mineral estate. Therefore if the application for permit is not signed, the operator would undoubtedly initiate court proceedings against the surface owner, in this case the Ute Tribe and the Bureau of Indian Affairs. Historically the courts have upheld the right of the mineral owner to develop the mineral resource regardless of the surface owners desire, therefore the operators rights will likely be upheld if B.I.A. refuses to sign the application for permit to drill this well.

B. Sign the application for permit to drill. This alternative authorizes the operator to drill for oil or gas as prescribed in the application, providing he complies with stipulations which are considered reasonable as specified in paragraph 4 above under mitigating measures.

9. Consultation:

Craig Hansen - USGS

Rick Caterbury - Natural Gas Corporation of California

Melvin Steward - Natural Gas Corporation of California

Ed Kurip & Myron Accutoroop - Ute Tribe Energy & Minerals

R. Lynn Hall 7-2-81
B.I.A. Representative

10. We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information 7/1/81, we have cleared the proposed location in the following areas of environmental impact:

Yes No Listed threatened or endangered species

Yes No Critical wildlife habitat

Yes No Historical or cultural resources

Yes No Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

Yes No Other (if necessary)

Remarks: _____

The necessary surface protection and rehabilitation requirements are specified above.

R. Lynn Hall 7-2-81
B.I.X. Representative

11. Declaration:

It has been determined that the drilling of the above well is not a Federal action significantly affecting the quality of the environment as would require the preparation of an environmental statement in accordance with Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2)(c).

R. W. Collier
Superintendent

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

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

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-9617

OPERATOR: Natural Gas Corp (California) WELL NO. 32-29

LOCATION: NE 1/4 SW 1/4 NE 1/4 sec. 29, T. 8S., R. 22E., SLM

Uintah County, Utah

1. Stratigraphy:

Uinta	surface
Green River	2010'
Wasatch	720'
Mesaverde	710'
<u>TD</u>	<u>7410'</u>

2. Fresh Water:

Fresh water may be present in the Uinta

3. Leasable Minerals:

Oil shale: Green River. The Mahogany should occur at ~ 3100'.

Saline minerals: Green River. These occur as pods in a 800' rock interval immediately above the Mahogany.

Oil/Gas: lower Green River to TD

4. Additional Logs Needed:

Density or Sonic through oil shale zone (~ 3000' to 4800') for oil shale identification.

5. Potential Geologic Hazards: None expected

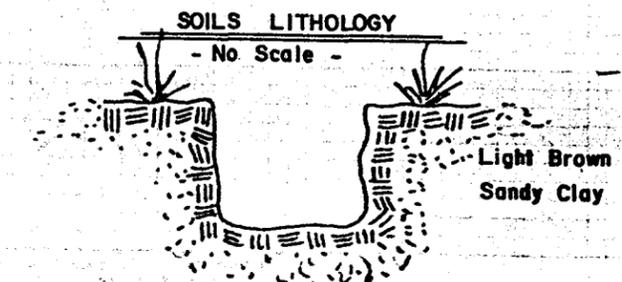
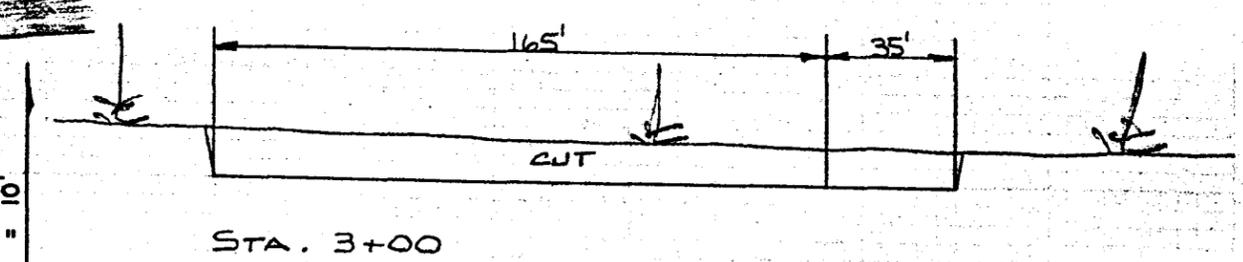
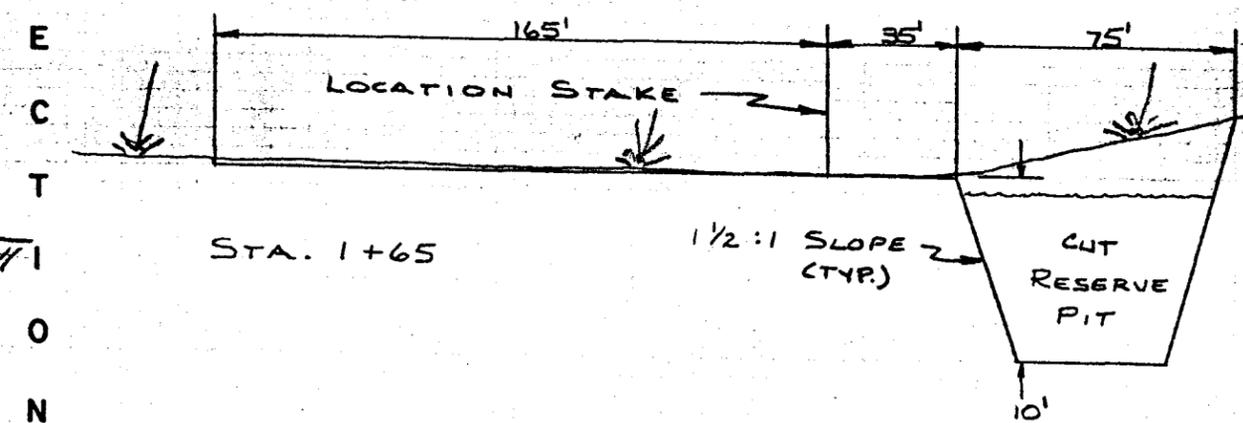
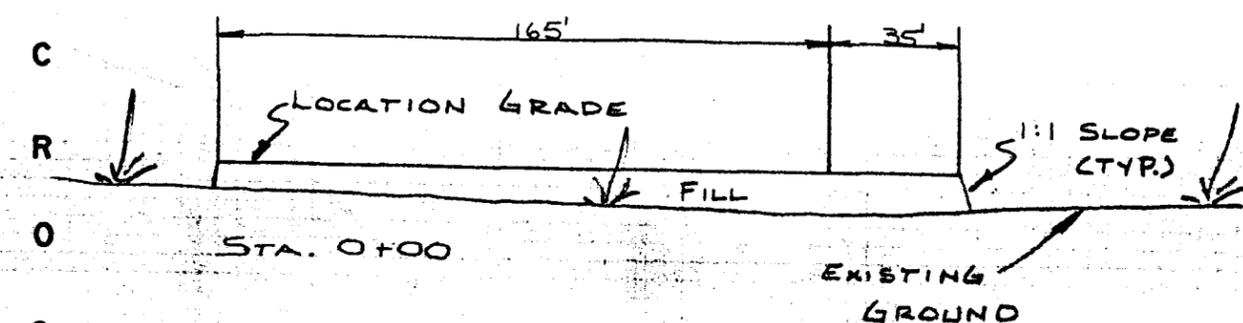
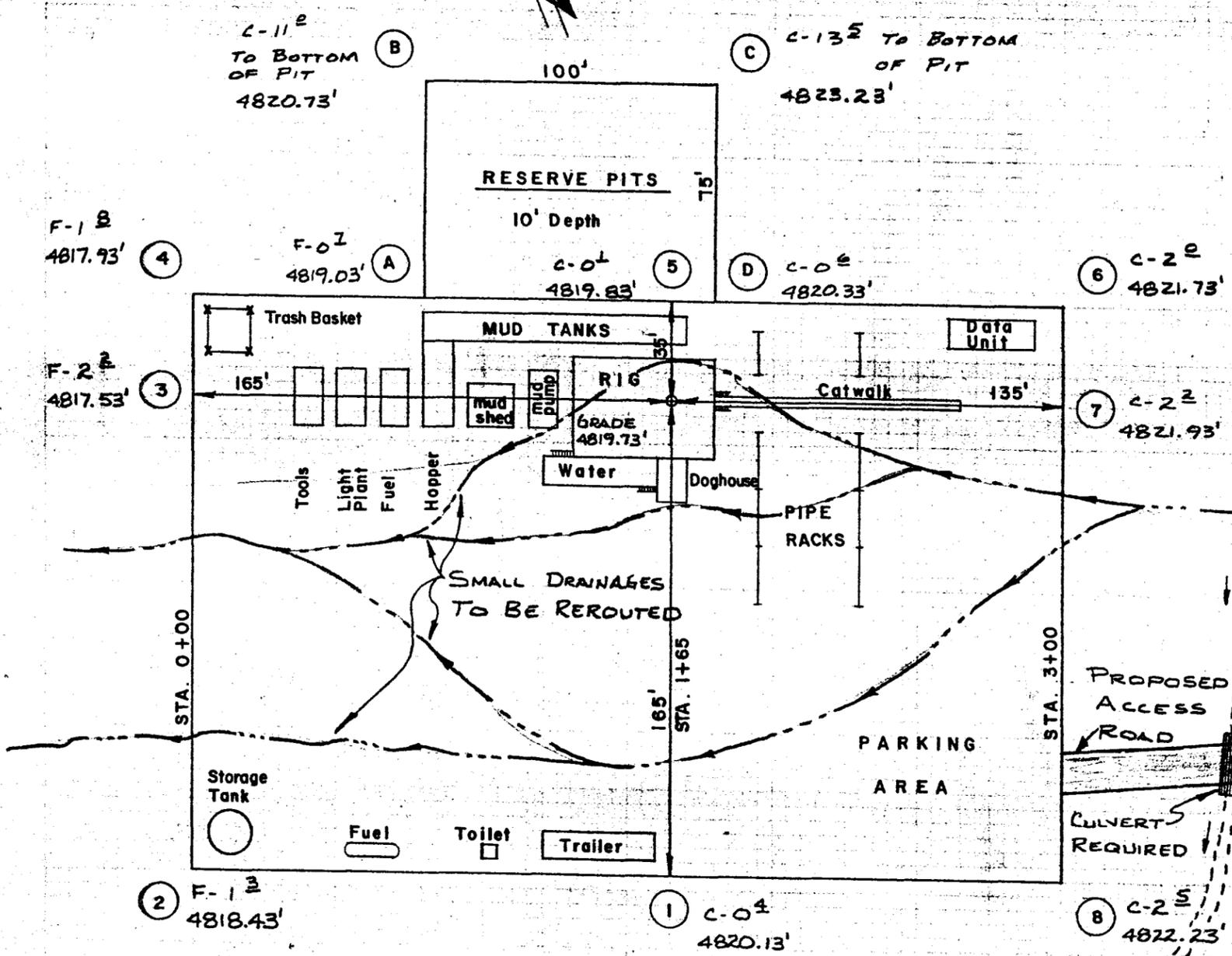
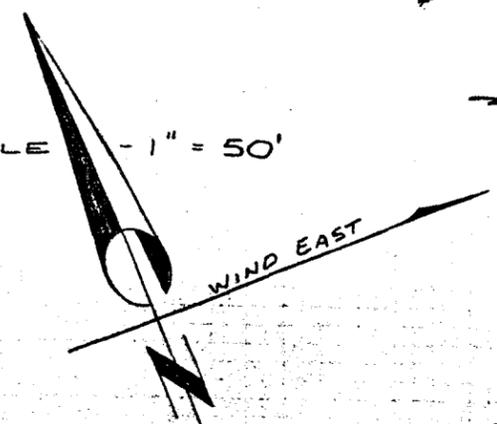
6. References and Remarks:

Signature: Gregory W Wood Date: 6-12-81

#32-29 FEDERAL

NATURAL GAS CORP. OF CALIF.

SCALE - 1" = 50'



PROPOSED REROUTING OF DRAINAGES

Scales

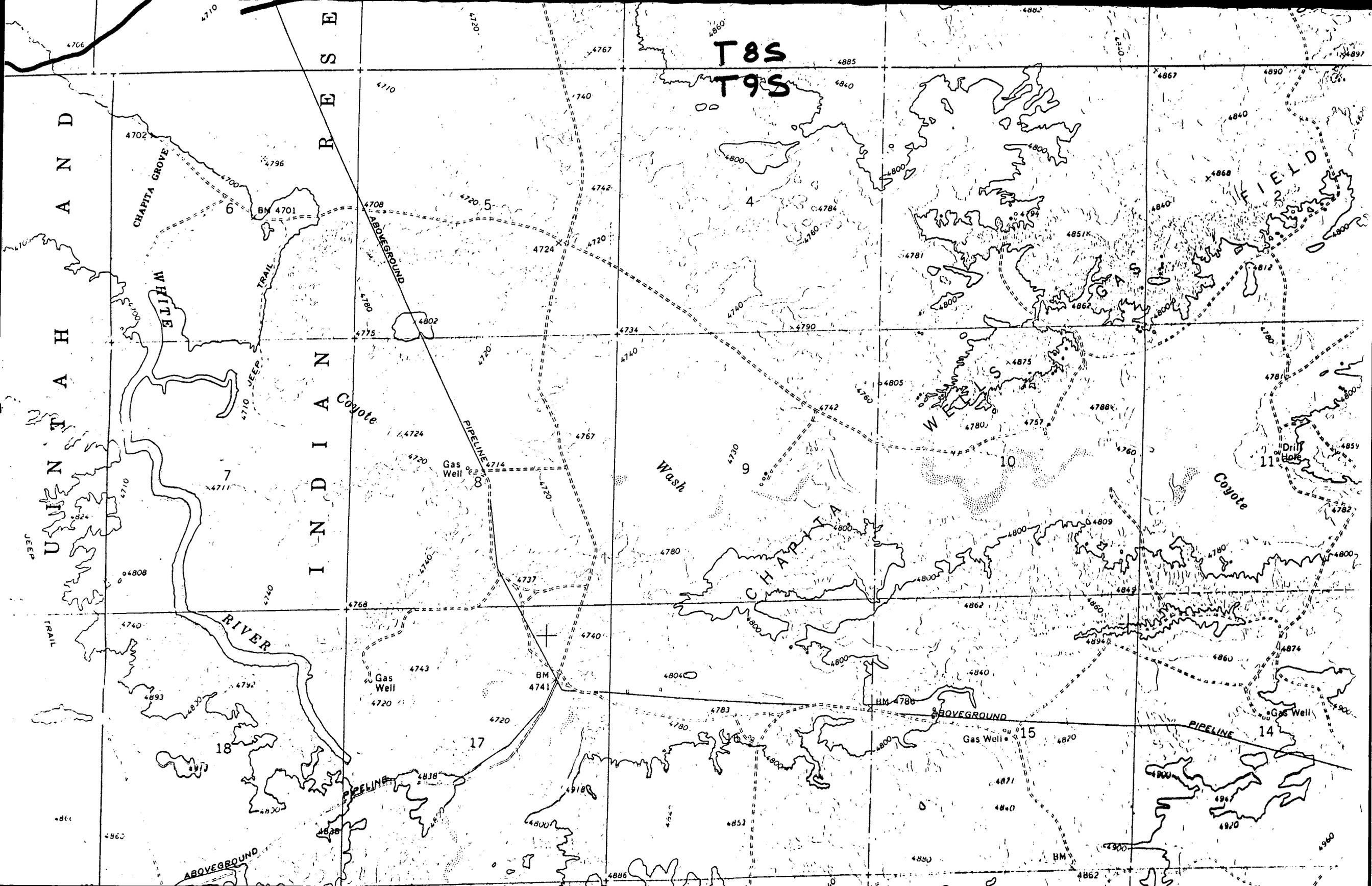
1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut - 3,660

Cubic Yards Fill - 978

DATE: MAY 28, 1981



UNITAH AND

RESERVE INDIAN

T8S
T9S

CHAPITA GROVE

WHITE RIVER

TRAIL

Coyote

Wash

CHAPITA

Coyote

FIELD

ABOVEGROUND

PIPELINE

PIPELINE

W

ABOVEGROUND

PIPELINE

4702

4796

BM 4701

4708

4780

4775

4802

4724

Gas Well

4720

4740

4768

Gas Well

4743

4720

4720

4780

4886

4767

4740

4742

4724

4720

4734

4710

4767

4780

4740

4740

4804

4780

4783

4853

4860

4885

4840

4800

4784

4760

4740

4730

4800

4781

4800

4805

4780

4757

4788

4760

4800

4800

4862

HM 4780

4800

Gas Well

4820

4871

4840

4890

4862

4900

4900

494

4920

4960

4867

4890

4840

4868

4840

4862

4800

4812

4780

4781

4800

4859

4782

4800

4800

4870

4860

4874

Gas Well

4900

4900

4900

4897

4861

4862

4882

4867

4840

4820

4800

4780

4760

4740

4720

4700

4680

4660

4640

4620

4600

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680

660

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520

500

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440

420

400

380

360

340

320

** FILE NOTATIONS **

DATE: June 11, 1981
OPERATOR: Natural Gas Corporation of California
WELL NO: Glen Beach # 32-29
Location: Sec. 29 T. 8S R. 22E County: Utah

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

API Number 43-047-30980

CHECKED BY:

Petroleum Engineer: _____
Director: WJ OK
Administrative Aide: OK on boundaries

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site
Lease Designation Fed Plotted on Map
Approval Letter Written
Hot Line P.I.

June 24, 1981

Natural Gas Corp. of Calif.
85 South 200 East
Vernal, Utah 84078

RE: Well No. Glen Bench #32-29
Sec. 29, T. 8S, R. 22E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30980

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight,
Director

CBF/db
CC: USGS

M

Location Change

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 6, 1981

Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Attn: Mike Minder

Re: Glen Bench Unit Well #32-29
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29, T8S, R22E,
S.L.B.&M.
Uintah County, Utah

Dear Mr. Minder:

Natural Gas Corporation of California, as operator of the Glen Bench Federal Unit, plans on relocating the subject well from 1488' from the north line and 1796' from the east line of the subject section to 1338' from the north line. The footage from the east section line will remain the same. This move was made due to topography in order to reduce the surface disturbance.

We would appreciate being notified if there is a problem with this change. Thank you.

Yours truly,

Rick Canterbury

Rick Canterbury
Associate Engineer

/sr

cc: Operations Supt.

RECEIVED

JUL 07 1981

DIVISION OF
OIL, GAS & MINING

NOTICE OF SPUD

Company: Natural Gas Corporation of California

Caller: Bill Ryan

Phone: 789-4573

Well Number: 32-29

Location: SWNE 29-8S-22E

County: Uintah State: UT

Lease Number: U-9617

Lease Expiration Date: -

Unit Name (If Applicable): Glen Bench

Date & Time Spudded: 12/6/81 9:30 p.m.

Dry Hole Spudder/Rotary: Rotary drilling rig

Details of Spud (Hole, Casing, Cement, etc.) _____

Drilling 12 1/4" hole; 8 5/8 casing will be set @ 2500 feet;

600 sacks of cement

Rotary Rig Name & Number: Laredo rig #14

Approximate Date Rotary Moves In: 12/1/81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Al Johansson

Date: December 10, 1981

bcc: O&G Com'n
USGS, Vernal
file
MER
Dee

RECEIVED

DEC 11 1981

DIVISION OF
OIL, GAS & MINING

NATURAL GAS CORPORATION
OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

December 10, 1981

RECEIVED
DEC 15 1981

DIVISION OF
OIL, GAS & MINING

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.
Chorney Oil Company
401 Lincoln Tower Bldg.
Denver, CO 80295

Mr. Michael T. Minder
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. J. L. Goolsby
Gulf Oil Exploration
P.O. Box 2619
Casper, WY 82602

Mr. John B. Dunnewald
Belco Petroleum Corporation
445 Union Blvd., Suite 209
Lakewood, CO 80228

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #32-29 Federal
SW NE Section 29, T8S, R22E
Uintah County, Utah
Glen Bench Unit

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Spud Date, for the above referenced well.

Sincerely,

Wm Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado - Room 544

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
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Telephone 801-789-4573
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1338' FNL, 1796' FEL, Sec. 29,
AT TOP PROD. INTERVAL: T8S, R22E
AT TOTAL DEPTH:

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) Report of Spud Date	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
U-9617

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Utes

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T8S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

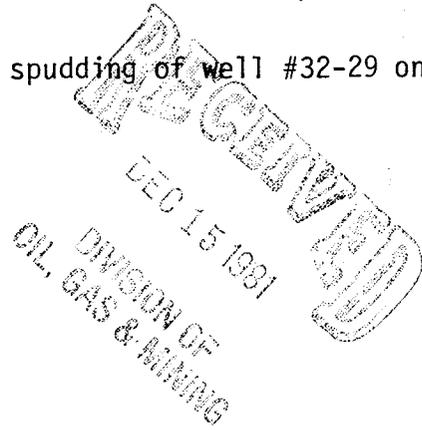
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4820' GR

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

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

Operator reports the spudding of well #32-29 on 12/6/81 at 9:30 p.m. with Laredo Rig #14.



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

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

SIGNED William A. Ryan TITLE Petroleum Engr. DATE 12/10/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
cc: USGS; Div. OG&M; Belco; Chorney; Gulf; DeGolyer; Operations; CTClark; ERHenry; S. Furtado

*See Instructions on Reverse Side

RECEIVED
JAN 18 1982

CORE LABORATORIES, INC.



DIVISION OF
OIL, GAS & MINING

January 12, 1982

Reply To:
10703 E. BETHANY DRIVE
AURORA, COLORADO 80014

Mr. John Fleming
Natural Gas Corporation of California
7800 East Union Avenue, Suite 800
Denver, Colorado 80237

RE: NGC #32-29 Federal
Glen Bench Unit
Uintah County, Utah

Dear Mr. Fleming:

Enclosed is the final copy of the Graphalog for the subject well. If you have any questions regarding the format or any remarks concerning the log, please feel free to give us a call.

We would like to thank you for the opportunity to serve you, and look forward to working for you in the future.

Very truly yours,

CORE LABORATORIES, INC.

A handwritten signature in cursive script that reads "Ken Miller".

Ken Miller
Operations Manager

KM:cf

Enclosure

wc

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

January 13, 1982

Mr. E. W. Gynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. John B. Dunnewald
Belco Petroleum Corporation
445 Union Blvd., Suite 209
Lakewood, CO 80228

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. J. L. Goolsby
Gulf Oil Exploration
P.O. Box 2619
Casper, WY 82602

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #32-29 Federal
SW NE Section 29, T.8S, R.22E
Uintah County, Utah
Glen Bench Unit

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells,
Request for Approval to Abandon and Subsequent Report of Abandonment,
for the above referenced well.

Yours truly,

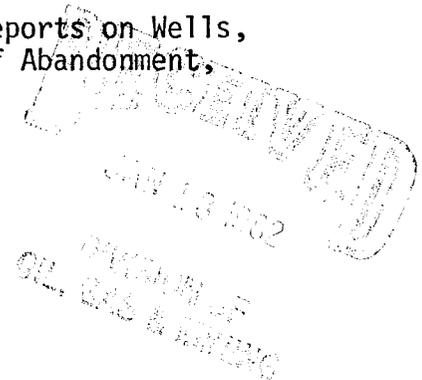
Wm Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado



**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
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Telephone 801-789-4573
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1338' FNL, 1796' FEL, Section 29,
AT TOP PROD. INTERVAL: T.8S, R.22E
AT TOTAL DEPTH:

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

5. LEASE
U-9617

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Utes

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T.8S, R.22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30980

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4820' GR

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) _____

(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.)*

Operator reports plugging and abandoning this well. The well was plugged with 135 sx Class H cement at the following intervals:

- 6950' - 7150'
- 5600' - 5800'
- 4050' - 4250'
- 2400' - 2600'

Surface casing was set to 2508' and cemented to surface. Surface restoration will be performed in the spring or as soon as the pit is dry.

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

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

SIGNED William A. Ryan TITLE Petroleum Engr. DATE January 13, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Belco; Chorney; Gulf; DeGolyer; Operations; CTC; Clark; ERHenry; SFurtado

3

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

January 22, 1982

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. John B. Dunnewald
Belco Petroleum Corporation
445 Union Blvd., Suite 209
Lakewood, CO 80228

Mr. R. B. Edmundson
P.O. Box 1707
Denver, CO 80201

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. J. L. Goolsby
Gulf Oil Exploration
P.O. Box 2619
Casper, WY 82602

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #32-29 Federal
SW NE Section 29, T.8S, R.22E
Uintah County, Utah
Glen Bench Unit

Gentlemen:

Enclosed are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the above referenced well.

Yours truly,

W^m Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado
R. Boschee
D. McGinley
J. M. Kunz
K. E. Reed

**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

7

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
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200-East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface ^{1388'} 1338' FNL, 1796' FEL, Section 29, T.8S, R.22E
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-30980 DATE ISSUED 1/24/81

5. LEASE DESIGNATION AND SERIAL NO.
U-9617

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Utes

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-29

10. FIELD AND POOL, OR WILDCAT
Wildcat Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 29, T.8S, R.22E

12. COUNTY OR PARISH Utah STATE Utah

15. DATE SPUNDED 12/6/81 16. DATE T.D. REACHED 1/2/82 17. DATE COMPL. (Ready to prod.) n/a 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4820' GR 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 8404' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* n/a 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN (DIL w/GR, BHS, F log overlay, FDC-CNL) 27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# K-55	2508	12-1/4	To surface	None

29. LINER RECORD 30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number) n/a 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

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

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

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

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

35. LIST OF ATTACHMENTS
Geological Report to follow.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 1/22/82

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
				Wasatch Mesaverde	5475' 7110'



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

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

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

February 2, 1982

Natural Gas Corp. of Cal.
85 South 200 East
Vernal, Utah 84078

Re: Well No. Glen Bench #32-29
Sec. 29, T. 8S, R. 22E
Uintah County, Utah

Well No. State N.G.C. 11-16
Sec. 16, T. 9S, R. 17E
Duchesne County, Utah

Well No. Dry Burn Unit State 11-36
Sec. 36, T. 13S, R. 25E
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

Cari Furse
Clerk Typist



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

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Cari Furse
Clerk Typist

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

February 9, 1982

Mr. E. W. Gynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Ms. Cari Furse
State of Utah
Natural Resources and Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #32-29 Federal
SW NE Section 29, T.8S, R.22E
Uintah County, Utah
Glen Bench Unit

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells,
Notification of Well Status, for the above referenced well.

Sincerely,



Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
E. R. Henry

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
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1338' FNL, 1796' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-9617

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Utes

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
32-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T.8S, R.22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4820'

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) Notification of Well Status

(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.)*

The Well Completion or Recompletion Report and Log for this well was filed on January 22, 1982.

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

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

SIGNED Rick Canterbury TITLE Associate Engr. DATE February 9, 1982
Rick Canterbury

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. Oil, Gas & Mining; Operations; ERHenry

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 well proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1338' FNL, 1976' FEL, Sec. 29,
AT TOP PROD. INTERVAL: T.8S., R.22E.
AT TOTAL DEPTH:

5. LEASE
U-9617 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Glen Bench ✓

8. FARM OR LEASE NAME
Federal

9. WELL NO.
32-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T.8S., R.22E.

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

14. API NO.
43-047-31175

15. ELEVATIONS. (SHOW DF, KDB, AND WD)
4820'

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

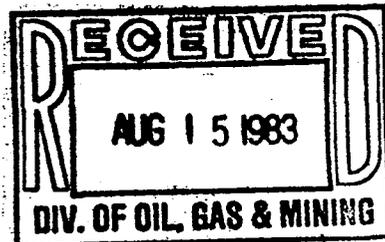
REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>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

(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 for 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.)*

A 10 sx surface plug has been set and a dry hole marker erected. The location and access road will be rehabilitated according to the surface use plan.

~~APPROVED~~ BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/15/83
BY: [Signature]



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

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

SIGNED Rick Canterbury TITLE Associate Engr. DATE August 12, 1983
Rick Canterbury

(This space for Federal or State office use)

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

cc: BLM; Div. OG&M; Belco; Chorney; Gulf; DeGolyer; Operations; CTClark; ERHenry
SFurtado

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
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1338' FNL, 1976' FEL, Sec. 29,
AT TOP PROD. INTERVAL: T.8S., R.22E.
AT TOTAL DEPTH:

5. LEASE
U-9617 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Uintah and Ouray

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
32-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T.8S., R.22E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31175

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4820'

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) Notify location will be ready for final inspection. ✓	

(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.)*

The location and access road for the subject well have been recontoured and seeded. The following seed mixture was used:

- 2 lbs./acre Galeta Grass
- 6 lbs./acre Shadscale
- 2 lbs./acre Nuttalls or Gardner's Saltbush
- 2 lbs./acre Crested Wheatgrass
- 2 lbs./acre Yellow Sweetclover

The site will be ready for inspection this spring. ✓

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

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

SIGNED Rick Canterbury TITLE Associate Engr. DATE January 17, 1984
Rick Canterbury
(This space for Federal or State office use)

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

cc: (3) BLM/Vernal; (1) BLM/SLC; (1) BIA; Belco; Chorney; Gulf; Operations; Land; ERHenry; SFurtado; Div. OG&M

DIVISION OF
GAS & MINING

JAN 19 1984

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