

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ GAS \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

8 18

DATE FILED 4-15-82

LAND: FEE & PATENTED \_\_\_\_\_

STATE LEASE NO. \_\_\_\_\_

PUBLIC LEASE NO. U-10999

INDIAN \_\_\_\_\_

DRILLING APPROVED 4-21-82

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_

PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION \_\_\_\_\_

DATE ABANDONED: 8 1E 2

FIELD: WILDCAT 2/86

UNIT: \_\_\_\_\_

COUNTY: UINTAH

WELL NO. NGC #14-12 Federal

API NO 43-047-31210

LOCATION 1115

FT. FROM (N) (S) LINE.

1306

FT. FROM (E) (W) LINE.

SW SW

1/4 - 1/4 SEC. 12

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				8S	22E	12	NATURAL GAS CORP.

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

April 15, 1982

**RECEIVED**

APR 19 1982

**DIVISION OF  
OIL, GAS & MINING**

Mr. E. W. Guynn  
Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Re: NGC #14-12 Federal  
SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12, T.8S., R.22E.  
Uintah County, Utah  
Glen Bench Unit

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 Plan
- 4) 13 Point Surface Use Plan

Should you require additional information, please contact this office.

Yours truly,

*Rick Canterbury*  
Rick Canterbury  
Associate Engineer

/kh

Encls.

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

13

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1306' FWL and 1115' FSL (SW $\frac{1}{4}$  SW $\frac{1}{4}$ ) Section 12, T.8S., R.22E.  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 6 miles southwest of Red Wash, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1115'

16. NO. OF ACRES IN LEASE 1958.57

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. 9400

19. PROPOSED DEPTH 9400

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5097' Un. Gr.

22. APPROX. DATE WORK WILL START\* July 30, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-10999

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Glen Bench

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 NGC 14-12 Federal

10. FIELD AND POOL, OR WILDCAT  
~~South Red Wash~~ Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 12, T.8S., R.22E.

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
17-1/2"	13-3/8"	Line Pipe	80'	To surface
12-1/4"	9-5/8"	36#, K-55	2600'	To surface
7-7/8"	5-1/2"	17#, N-80	T.D.	As required to protect the oil shale and producing formations.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 4/24/82  
 BY: [Signature]

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 Rick Canterbury TITLE Associate Engineer DATE April 15, 1982  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

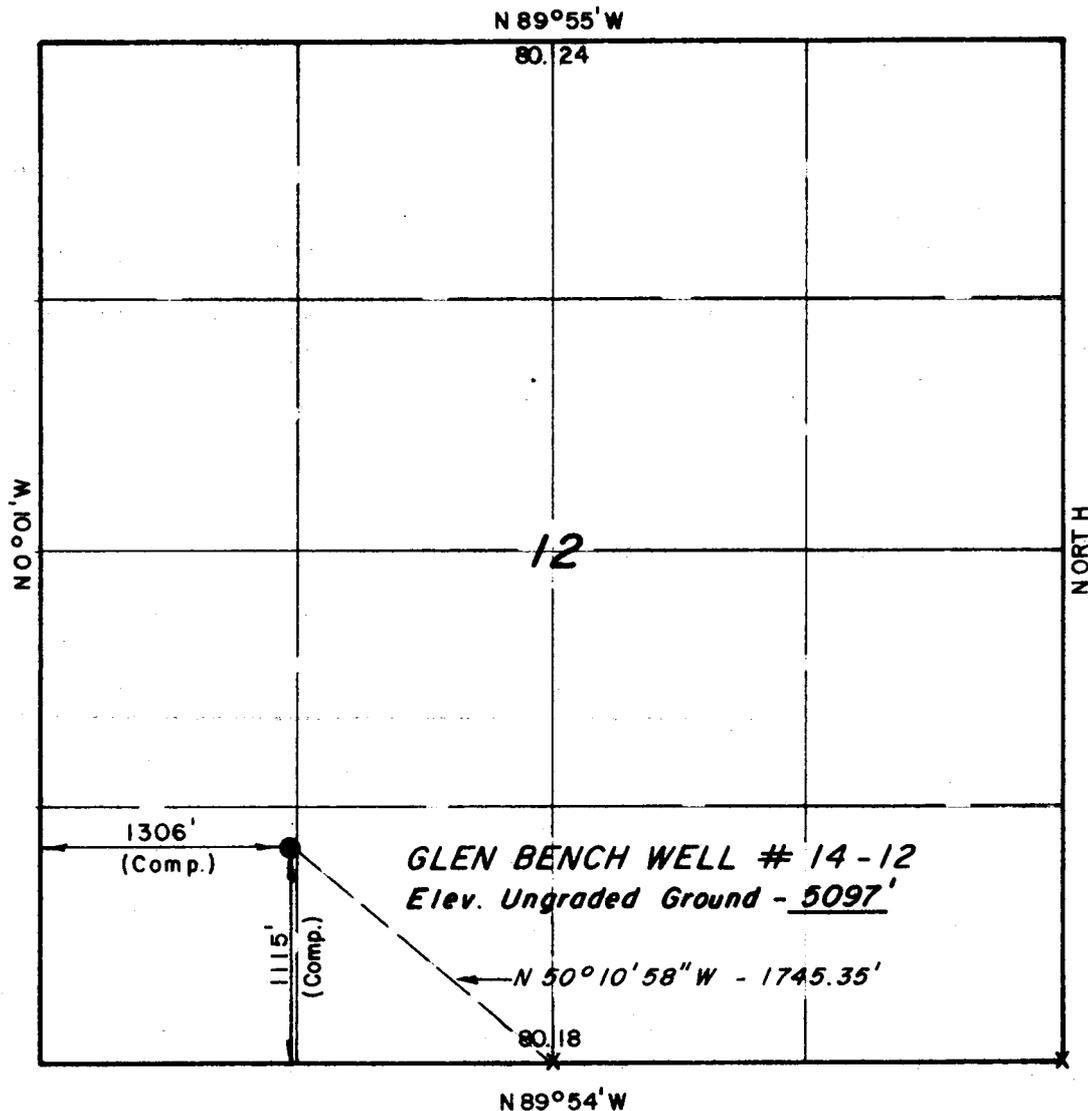
cc: Minerals Management Service; Div. OG&M; Operations; C. T. Clark; E. R. Henry

\*See Instructions On Reverse Side

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

PROJECT  
NATURAL GAS CORP. OF CALIF.

Well location, *GLEN BENCH WELL # 14-12*, located as shown in the SW1/4 SW1/4 Section 12, T8S, R22E, 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.

*Lawrence C. 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	4/12/82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	NAT. GAS

**Ten Point Plan**  
**Glen Bench Well #14-12**  
**SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12, T.8S., R.22E.**  
**Uintah County, Utah**

1. Surface Formation: Uintah
2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5112' KB
Green River	2300'	2812'
Parachute Cr.	2950'	2162'
H Marker	4565'	547'
I Marker	4700'	412'
J Marker	4985'	127'
K Douglas Cr.	5078'	- 34'
N. Black Shale Facies	5472'	- 360'
Wasatch	5972'	- 860'
Mesaverde	8372'	-3260'

3. Producing Formation Depth:

Wasatch and Mesaverde

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
17-1/2"	13-3/8"	Line Pipe	80'	New
12-1/4"	9-5/8"	36#	2600	New
7-7/8"	5-1/2"	17#	T.D.	New

5. BOP and Pressure Containment Data: A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data will be installed and maintained from under the 9-5/8" 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>
0-2600'	Clear Water		No Control	Water Gel
2600'-T.D.	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:**

1) **Testing:** Drillstem tests will be at the discretion of the wellsite geologist.

2) **Coring:** One possible core will be taken in the Mesaverde.

3) **Sampling:** Cutting samples will be collected every 10' from the top of the Green River to T.D. and samples will be collected every 30' from surface to the Green River.

4) **Logging:**

<u>Type</u>	<u>Interval</u>
DIL-GR	Surface - T.D.
FDC-CNL	
BHC Sonic w/"F"	
Log Overlay	

9. **Abnormalities (including sour gas):** No abnormal temperatures, pressures, or other hazards are expected.

10. **Drilling Schedule:** Anticipated starting date - July 1, 1982 with duration of operations at 30 days.

Identification CER/EA No. 14-12763-82

SALT LAKE CITY, UTAH

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 Corporation of California  
Project Type Gas Well  
Project Location 1306' FWL 1115' FSL Section 12, T. 8S, R. 22E.  
Well No. 14-12 Lease No. V-10999  
Date Project Submitted April 19, 1982

FIELD INSPECTION

Date April 28, 1982  
Field Inspection Participants  
Greg Darlington - MMS, Vernal  
Cory Bedman - BLM, Vernal  
Bill Ryan - NGCC  
Earl Cady - Ross Construction, Larry Guff - Guff Construction  
Jim Hacking - Skewes Construction  
Floyd Murray and Bob Cook - D.E. Casada

Related Environmental Documents: Unit Resource Analysis - Bonanza Planning Unit, BLM, Vernal.

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.

May 13, 1982  
Date Prepared

Greg Darlington  
Environmental Scientist

I concur  
MAY 14 1982  
Date

W. R. Martin FOR E. W. GYNN  
District Supervisor DISTRICT OIL & GAS SUPERVISOR

### Proposed Actions :

NGCC plans to drill the Glen Beach #14-12 well, a 9400' gas test of various formations, about .5 miles of new access road will be required to reach this location. This new access road would also be used for part of the access to the proposed Glen Beach #34-1 well. A pad 165' by 300' and a reserve pit 100' by 150' are planned for the location.

### Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: April 28, 1982

Well No.: Deer Bench 14-12

Lease No.: U-10999

Approve Location:

Approve Access Road:  ~~\_\_\_\_\_~~

Modify Location or Access Road: Place Topsoil @ corner # 8

dam off drainage above access road and divert to other nearby drainage NE. Possibly recommend rounding one corner of reservoir pit but not require it.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography)

fairly rough access road has a short stretch with steep grades. Pit might be contoured a little to roundoff corner A and lessen the <sup>grading</sup> required.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

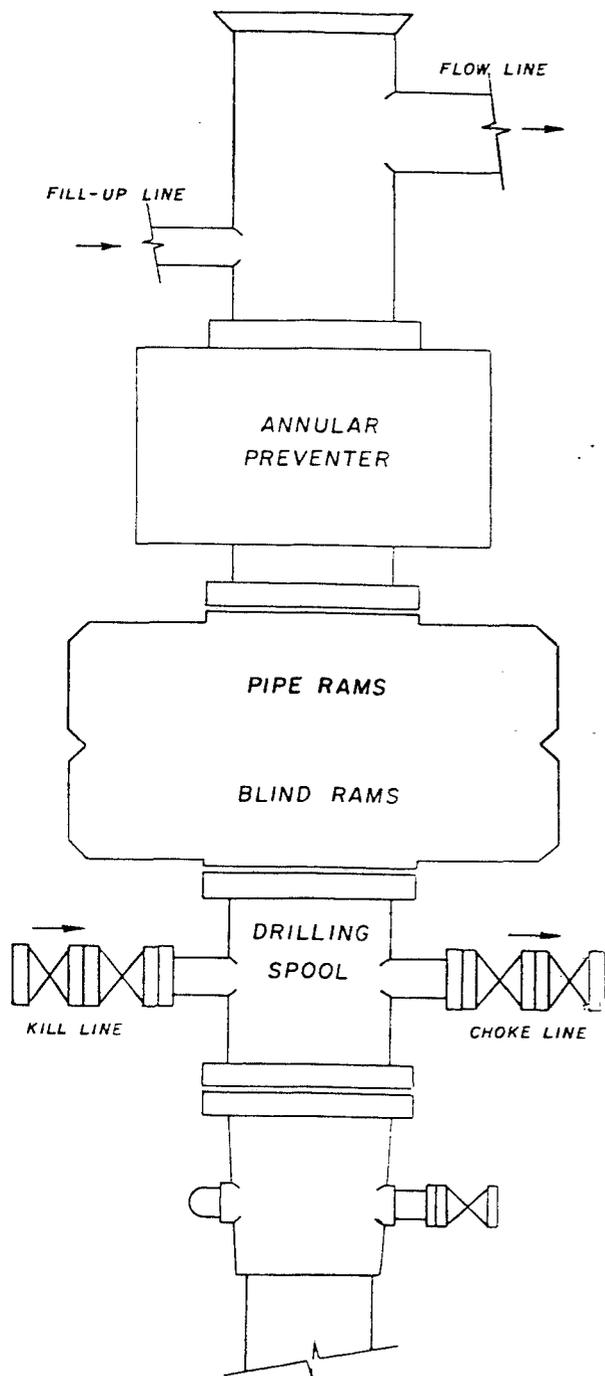
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1,2,4,6	April 28 1982	
Unique characteristics							1,2,4,6		
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant							1,2,4,6		
National Register historic places							1,6		
Endangered/threatened species							1,6		
Violate Federal, State, local, tribal law							1,2,4,6		

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
8. *Onsite Requirements other than the Items 1-7.*

NATURAL GAS CORPORATION  
OF  
CALIFORNIA  
**BOP AND PRESSURE CONTAINMENT DATA**

NGC #14-12 Federal  
SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12, T.8S., R.22E.  
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, 2 $\frac{1}{2}$ " 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

NGC #14-12 Federal

SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12, T.8S., R.22E.

Uintah County, Utah

Glen Bench Unit

## 1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #14-12, proceed east from Vernal, Utah on U. S. Highway 40 for 13 miles across the Green River at the Jensen Bridge and take the first right. Follow this road for 17.6 miles to Red Wash, Utah; go southwest from Red Wash, Utah approximately 6.4 miles on the Glen Bench road. The proposed access road will start at this point. No improvements are planned for these existing roads.

## 2. PLANNED ACCESS ROAD

See attached topographic map B.

The proposed access road will be .05 mile long and will be new construction.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 40 feet.
- 2) Maximum grade - 5%.
- 3) Turnouts - none.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - no major cuts or fills will be required. Culvert requirements will be determined at the time of onsite inspection.
- 6) Surfacing materials - none.
- 7) Gates, cattleguards, or fence cuts - none.
- 8) The proposed road has been flagged.

## 3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 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 EXISTING AND/OR PROPOSED FACILITIES

- 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 pipeline from this location to the existing gathering lines will be submitted under an amendment to this plan for approval. All petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
  - (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) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map C.

Water will be hauled by truck over existing roads from the White River at the Mountain Fuel Bridge in the SE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 17, T.9S., R.22E. A request for a temporary water permit has been submitted to the State of Utah and as soon as approval is received a copy will be forwarded.

## 6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road will 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.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 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 landfill.
- 4) **Site Clean-up** - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the trash cages.

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.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1200 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(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 starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be: determined by the Bureau of Land Management at the time of abandonment.

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 Lessee further covenants and agrees that all of said clean-up 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 location is on Federal land administered by the Bureau of Land Management.
- 2) The nearest water is the White River approximately 6 miles southwest of the location.
- 3) There are no occupied dwellings or other facilities including archaeological, historical, or cultural sites near the proposed location.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California  
85 South 200 East  
Vernal, UT 84078  
Attn: Bill Ryan or Rick Canterbury

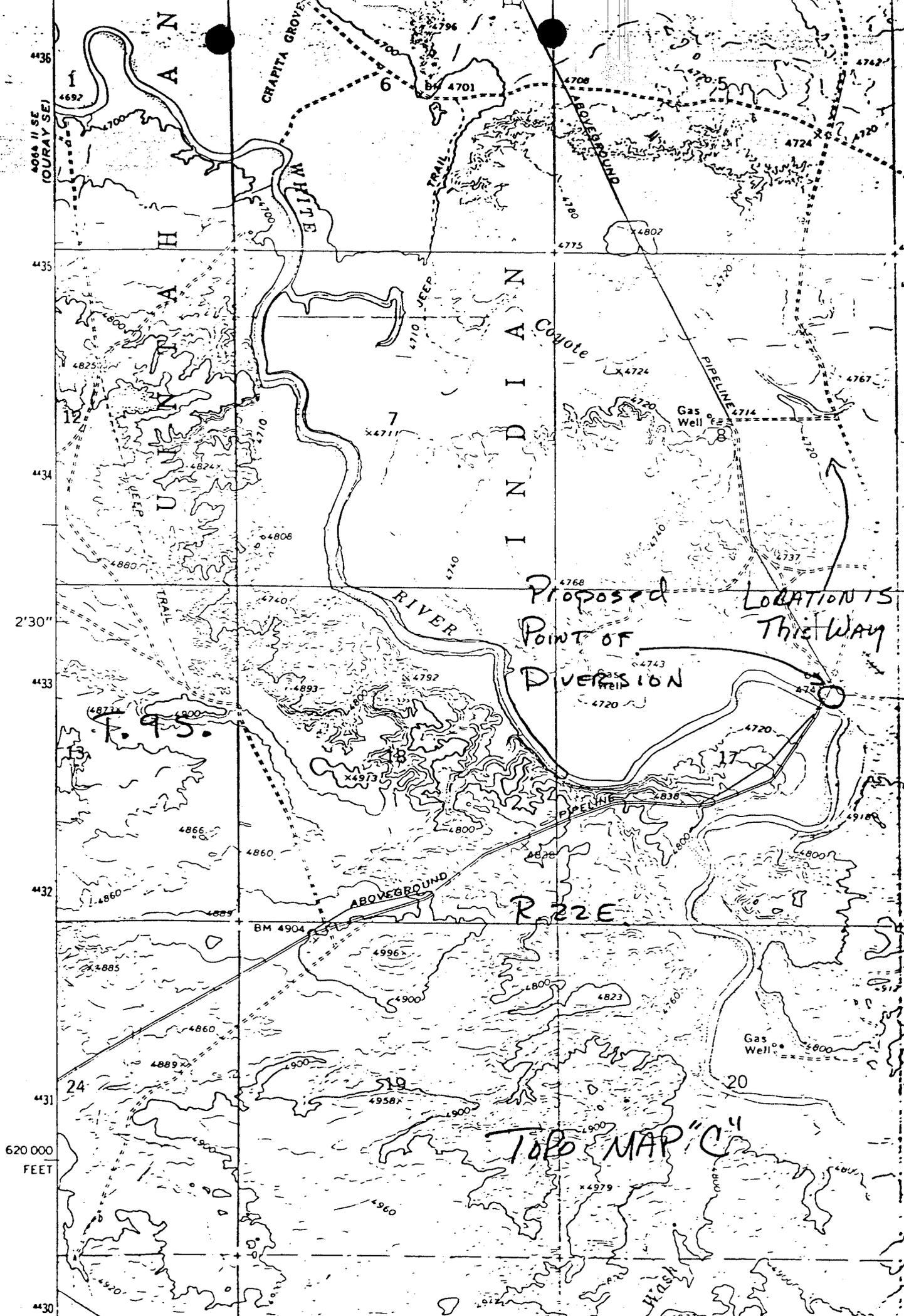
Telephone: (801) 789-4573

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.

April 16, 1982  
Date

Rick Canterbury  
Rick Canterbury, Associate Engineer





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE

170 South 500 East  
Vernal, Utah 84078

T & R  
U-802

NATURAL GAS CORPORATION  
CONSULTE PEOPLE FILE NOTE

March 29, 1982

Rick Canterbury  
Associate Engineer  
Natural Gas Corporation  
of California  
85 South 200 East,  
Vernal, Utah 84078

MAR 30 1982  
RJE \_\_\_\_\_  
WAR \_\_\_\_\_ SLR \_\_\_\_\_  
KMH \_\_\_\_\_

Re: Natural Gas Corporation  
Glen Bench Unit Well #34-1  
Sec. 1 T8S, R22E; Glen  
Bench Unit Well #24-12 Sec  
12, T8S, R22E; Glen Bench  
Unit Well ~~#44-14~~ Sec 14,  
T8S, R22E; Glen Bench Unit  
Well #44-15 Sec. 15, T8S,  
R22E; Glen Bench Well #44-4  
Sec. 4, T8S, R23E; Glen  
Bench Unit Well #43-8 Sec.  
8, T9S, R24E; Glen Bench  
Unit Well #41-7 Sec. 7,  
T10S, R24E.

Dear Sir:

Neither BLM nor USGS have any objections to the staking of the above referenced wells or access roads.

A cultural resource will be needed for those lands not previously surveyed prior to any surfaced disturbance. An acceptable cultural resource professional must be engaged by the operator to clear the proposed road and pad site. To avoid unnecessary delays, a sufficient amount of area should be cleared to allow for any relocation made during the joint field examination. A cultural resource clearance cannot be conducted when snow covers the ground.

If water for these wells is obtained from water sources on BLM administered land, this office must be given a written agreement with the person(s) who have the water rights and/or a copy of a temporary water filing approved by the State of Utah. The agreement and/or temporary water filing must include the correct legal description.

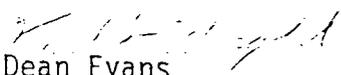
Well #44-4 is located within an antelope kidding area. In order to protect important seasonal wildlife habitat exploration, drilling, and other development activity will be allowed only during the period from July 20 to May 15. This limitation does not apply to maintenance and

operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

Well #41-7 is located within a "No Surface Occupancy" area due to its proximity to the White River. This office will work with your company to find a location acceptable to both parties, however this office does reserve the right to enforce said stipulation if an acceptable location cannot be found.

The BLM representative will be Cory Bodman, (801) 7891362.

Sincerely,

  
Dean Evans  
Area Manager  
Bookcliffs Resource Area

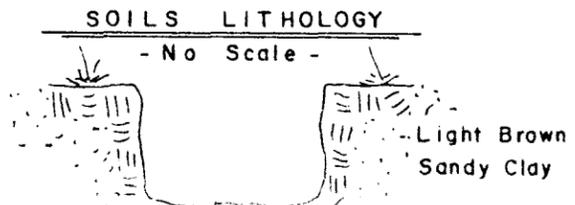
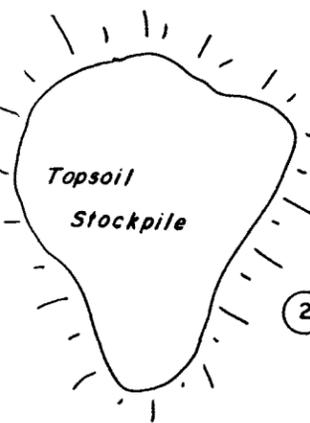
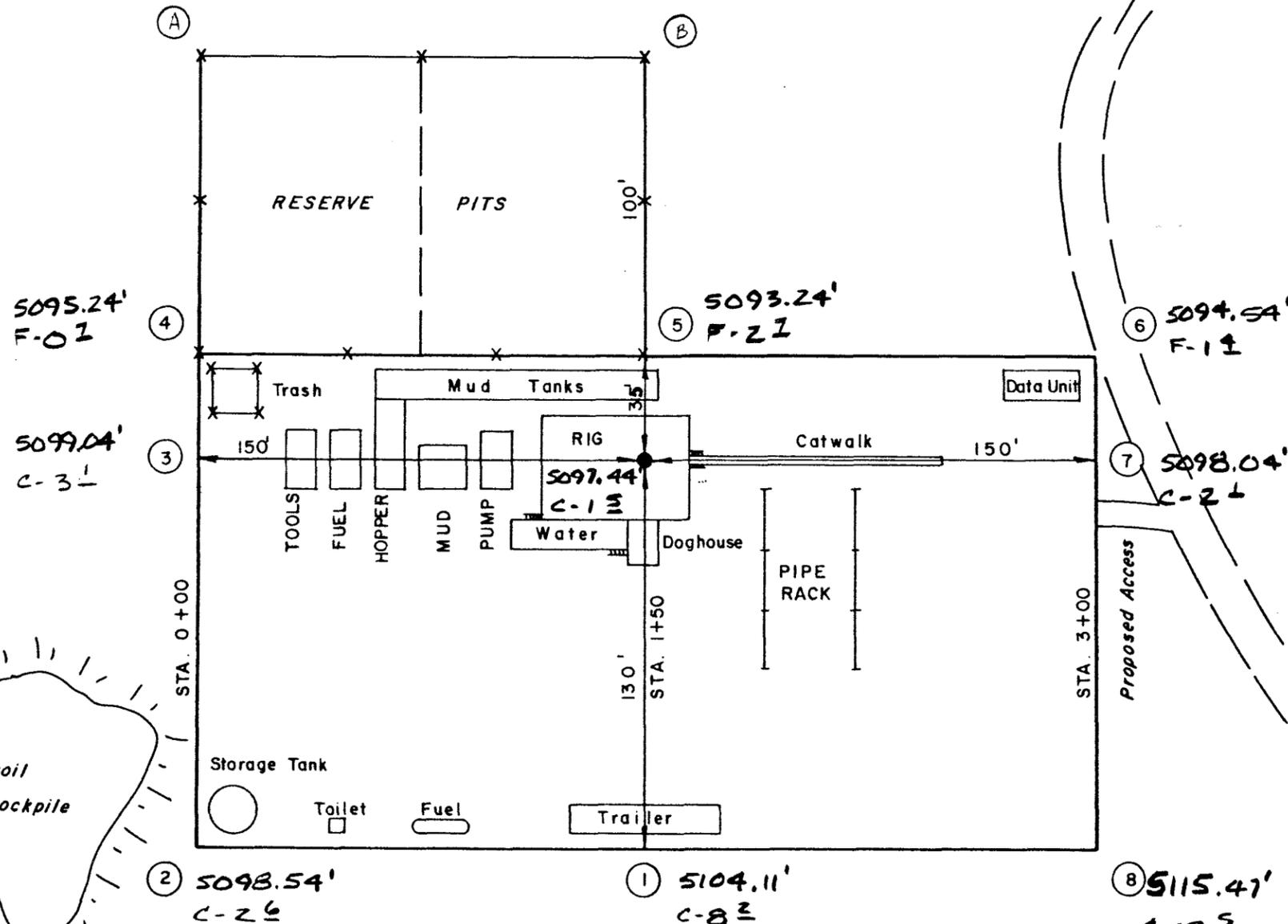
SCALE: 1" = 50'  
DATE: 4/12/82



5079.96'  
C-4 TO BOTTOM OF PIT  
F-4 TO TOP OF DIKE

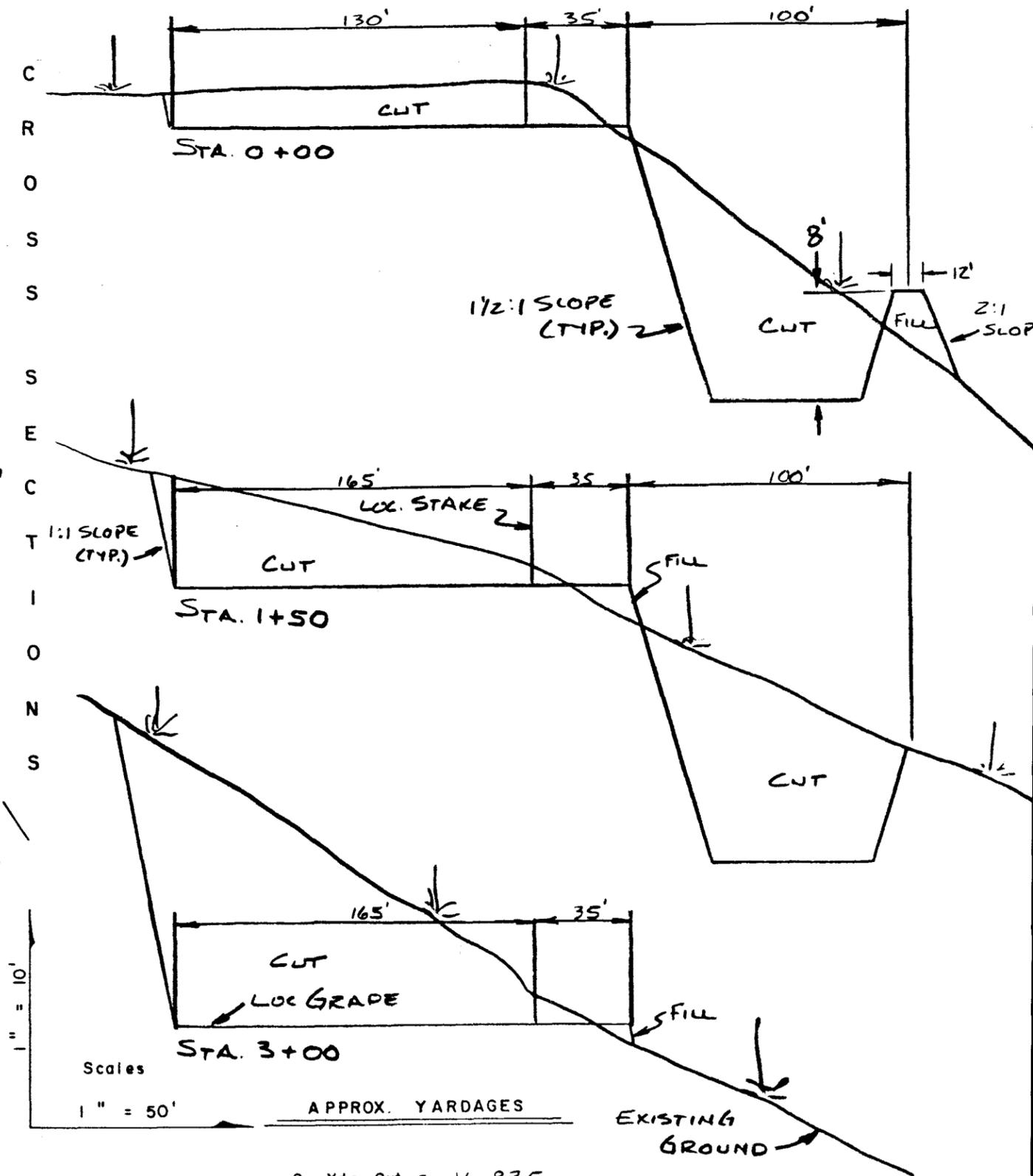
5084.12'  
C-8 TO BOTTOM OF PIT

Proposed Road to NGC,  
GLEN BENCH N<sup>o</sup> 34-1



# NATURAL GAS CORP. OF CALIF.

## GLEN BENCH WELL N<sup>o</sup> 14-12



Scales

1" = 50'

APPROX. YARDAGES

Cu. Yds. Cut = 16,835

Cu. Yds. Fill = 460

NATURAL GAS CORP.  
OF CALIF.

GLEN BENCH WELL NO 14-12  
PROPOSED LOCATION

TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light duty ——— Unimproved dirt - - - - -



UTAH  
QUADRANGLE LOCATION

RED WASH - 6.4 MI.  
VERNAL, UTAH - 24.1 MI.

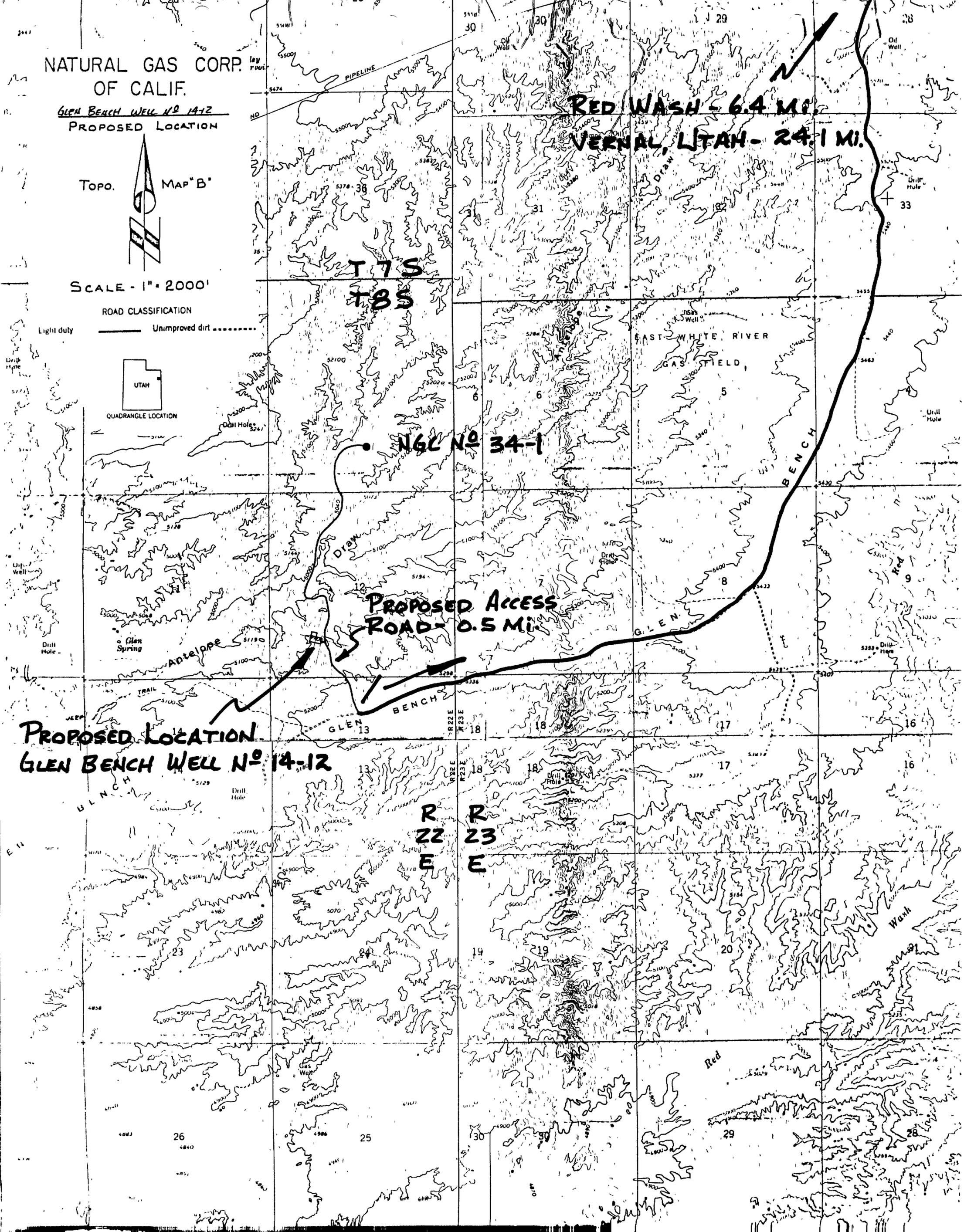
T 7 S  
T 8 S

NGC NO 34-1

PROPOSED ACCESS  
ROAD - 0.5 MI.

PROPOSED LOCATION  
GLEN BENCH WELL NO 14-12

R 22 E  
R 23 E



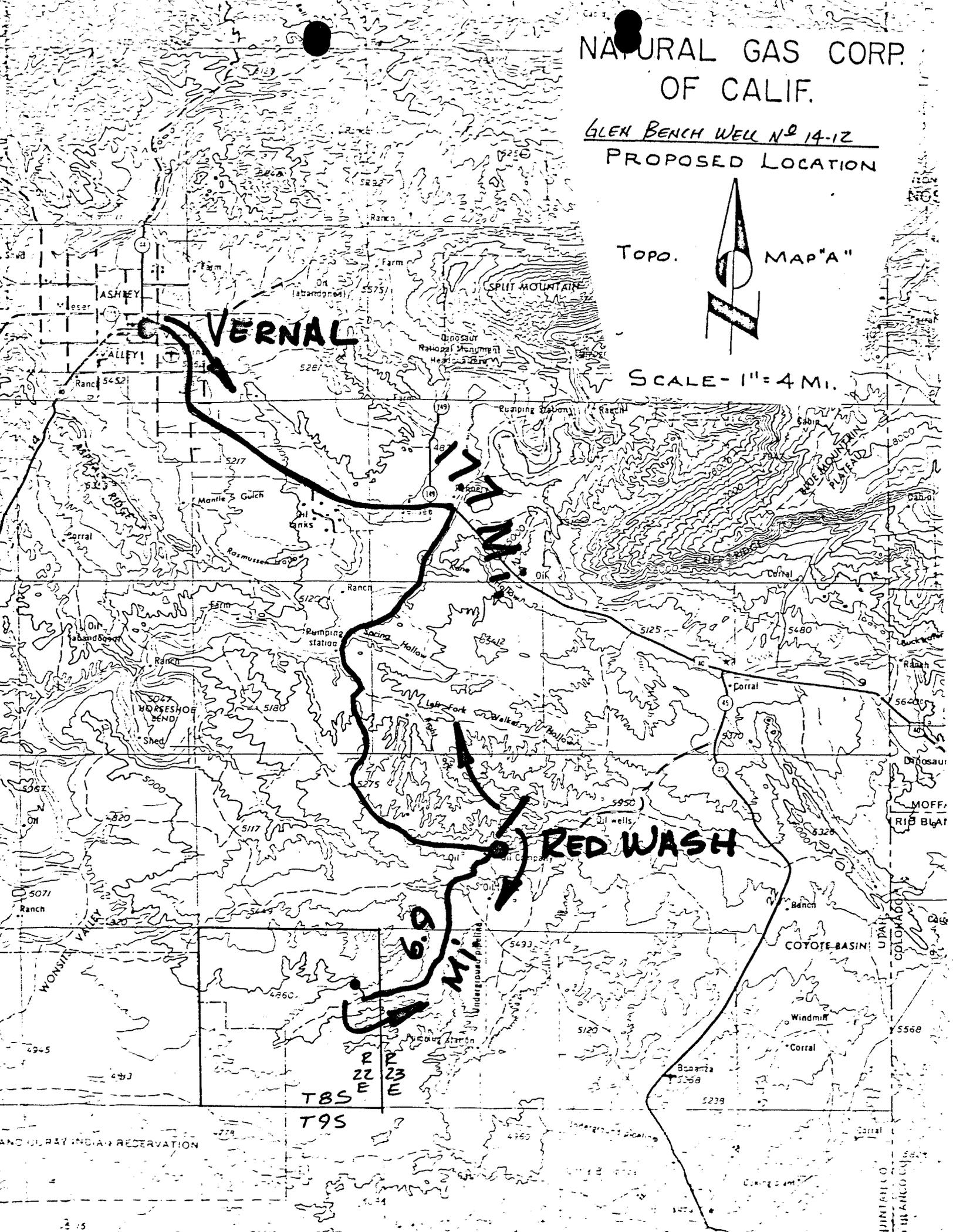
NATURAL GAS CORP.  
OF CALIF.

GLEK BENCH WELL N<sup>o</sup> 14-12  
PROPOSED LOCATION



TOPO. MAP "A"

SCALE - 1" = 4 MI.



**VERNAL**

**WILKINSON**

**RED WASH**

**6.9 Mi.**

**TBS  
22 E  
23 E  
T9S**

AND UPRAY INDIAN RESERVATION

UNTERICO  
BLANCO

\*\* FILE NOTATIONS \*\*

DATE: 4-20-82

OPERATOR: Natural Gas Corp. of Calif.

WELL NO: NGC 14-12 Federal

Location: Sec. 12 T. 8S R. 22E County: Wintab

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-31210

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: VW

Administrative Aide: Mont Allen

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 Std.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

April 22, 1982

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

RE: Well No. NGC Federal #14-12,  
Sec. 12, 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:

CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

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 43-047-31210.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: Minerals Management Service  
Enclosure



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-802

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

May 11, 1982



Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104

Re: Natural Gas Corp. of California  
Well #44-15 Sec. 15, T8S, R22E  
Well #44-14 Sec. 14, T8S, R22E  
Well #14-12 Sec. 12, T8S, R22E  
Well #34-1 Sec. 1, T8S, R22E  
Well #44-4 Sec. 4, T8S, R22E  
Well #43-8 Sec. 8, T9S, R24E  
Well #41-7 Sec. 7, T10S, R24E

Dear Sir:

A joint field examination was made on April 28, 1982, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.

5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
7. PR Spring may not be used as a water source.
8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled from the topsoil.
9. Trees and brush will be pushed off the road and pad prior to any mineral soil being bladed.
10. At locations #44-15, #44-14, and #34-1, the top 6 inches of topsoil will be stockpiled between reference corners #'s 1 & 2 and #'s 1 & 8.
11. Well #44-14 was moved 20 feet due north, and the access road was changed so that it follows the existing jeep trail where possible.
12. At #14-12, the top 6 inches of topsoil will be stockpiled near reference corner #8. Also, the existing drainages near the location will be rerouted to protect the pad and reserve pits.
13. At well #34-1, the reserve pit width was reduced by 20 feet, and lengthened by at least 20 feet.
14. At well #44-4, the top 6 inches of topsoil will be stockpiled near reference corner #6.
15. At well #41-7, the reserve pit was pulled in by 20 feet. It shall be lined and the upper end shall be rip rapped. The pad will be a bench type with the upper part to be used by trailers, etc. This was done to reduce the amount of sidehill cutting. The top 6 inches of topsoil will be stockpiled as addressed in the company's A.P.P.

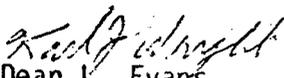
Well #44-4 is located within an antelope kidding area. In order to protect important seasonal wildlife habitat exploration, drilling, and other development activity will be allowed only during the period from July 20 to May 15. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Cory Bodman, (801) 789-1362.

Sincerely,

*For*   
Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: USGS, Vernal



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

March 15, 1983

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, 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 you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

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

Cari Furse  
Well Records Specialist

CF/cf

Well No. Fee # 21-2  
Sec. 2, T. 13S, R. 4E.  
Sanpete County, Utah

Well No. NGC Federal # 34-1  
Sec. 1, T. 8S, R. 22E.  
Uintah County, Utah

Well No. NGC Federal # 14-12  
sec. 12, T. 8S, R. 22E.  
Uintah County, Utah

Well No. Federal # 44-14  
Sec. 14, T. 8S, R. 22E.  
Uintah County, Utah

Well No. Glen Bench Federal # 44-15  
Sec. 15, T. 8S, R. 22E.  
Uintah County, Utah

Well No. NGC Federal # 44-4  
Sec. 4, T. 8S, R. 23E.  
Uintah County, Utah

Well No. Moccasin Trail Federal # 32-18  
Sec. 18, T. 15S, R. 25E.  
Uintah County, Utah

Natural Gas  
Corporation of  
California

NGC NGC

May 18, 1983

Mr. E. W. Gynn  
Bureau of Land Management  
Oil and Gas Operations  
1745 West 1700 South, Suite 2000  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Re: NGC #14-12 Federal  
Section 12, T.8S., R.22E.  
Uintah County, Utah  
Glen Bench Unit

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Well Status, for the subject well.

Sincerely,

*Rick Canterbury*

Rick Canterbury  
Associate Engineer

/kh

Attachment

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

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: 1306' FWL, 1115' FSL (SW $\frac{1}{4}$  SW $\frac{1}{4}$ )  
AT TOP PROD. INTERVAL: Sec. 12, T.8S., R.22E.  
AT TOTAL DEPTH:

5. LEASE  
U-10999

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Glen Bench

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
NGC #14-12 Federal

10. FIELD OR WILDCAT NAME  
South Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12, T.8S., R.22E.

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-31210

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5097' 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) Report 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 location has been constructed, but the well has not been drilled. The present status of this well is "Operations Suspended".



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 May 17, 1983  
Rick Canterbury

(This space for Federal or State office use)

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

cc: BLM-Oil and Gas Operations; Div. OG&M; Operations; CTClark; ERHenry

Branch of Fluid Minerals  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

July 13, 1983

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Re: Rescinded Applications for Permit  
to Drill

✓ Well No. 44-15  
Section 15  
Lease U-11001  
Approved May 20, 1982

✓ Well No. 14-12  
Section 12  
Lease U-10999  
Approved June 4, 1982  
All in T. 8 S., R. 22 E.  
All in Uintah County, Utah

✓ Well No. 34-1.  
Section 1  
Lease U-10999  
Approved June 4, 1982

✓ Well No. 44-14 - (no APD)  
Section 14  
Lease U-10999  
Approved May 21, 1982  
All in Glen Bench Unit

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved on the referenced dates. Under District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approvals of the referenced applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

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

Sincerely,

(ORIG. SGD.) W. P. MARTENS

*for*  
E. W. Gynn  
Chief, Branch of Fluid Minerals

bcc: Well Files  
SMA  
State O&G ✓

State BLM

APD Control

WPM/kr



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

August 18, 1983

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

RE: Applications for Permit to Drill  
Well No. 44-15  
Sec. 15, T.8S, R.22E

Well No. 14-12  
Sec. 12, T.8S, R.22E

Well No. 34-1  
Sec. 1, T.8S, R.22E  
Uintah County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced wells are rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill these locations at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

Norman C. Stout  
Administrative Assistant

NS/as

**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: 1306' FWL, 1115' FSL (SW SW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
U-10999 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Glen Bench

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
14-12

10. FIELD OR WILDCAT NAME  
South Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 12, T.8S., R.22E.

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-31210

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5097'

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>Notify seeding is complete</u> ✓	

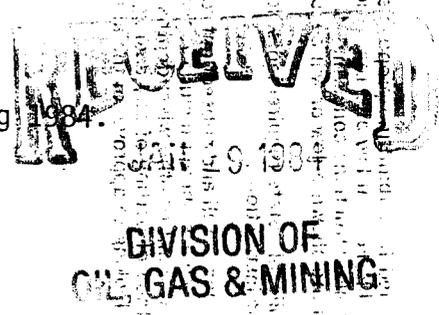
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 road were seeded in the Fall of 1983 with the following mixture:

- 2 lbs./acre Western Wheatgrass
- 2 lbs./acre Indian Ricegrass
- 2 lbs./acre Sand Dropseed
- 1 lb./acre Shadscale

The site will be ready for inspection in the Spring 1984.



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 CANTEBURY

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
OIL AND GAS INSPECTION RECORD

OPERATOR Natural Gas Corp of Calif LEASE U-10999  
WELL NO. NGC 14=12 Federal API 43-047-31210  
SW/SW SEC. 12 T. 8S R. 22E CONTRACTOR \_\_\_\_\_  
COUNTY Uintah FIELD Wildcat

DRILLING/COMPLETION/WORKOVER:

APD  WELL SIGN  HOUSEKEEPING  BOPE  
 SAFETY  POLL. CONTROL  SURFACE USE  PITS  
 OPERATIONS  OTHER

SHUT-IN  / TA  :

WELL SIGN  HOUSEKEEPING  EQUIPMENT\*  SAFETY  
 OTHER

ABANDONED:

N MARKER  Y HOUSEKEEPING  Y? REHAB.  OTHER

PRODUCTION:

WELL SIGN  HOUSEKEEPING  EQUIPMENT\*  FACILITIES\*  
 METERING\*  POLL. CONTROL  PITS  DISPOSAL  
 SECURITY  SAFETY  OTHER

GAS DISPOSITION:

VENTED/FLARED  SOLD  LEASE USE

LEGEND: Y - YES OR SATISFACTORY  
N - NO OR UNSATISFACTORY  
NA - NOT APPLICABLE

\*FACILITIES INSPECTED: where location was

REMARKS: can find no signs of a completed location that was abandoned. Was well really completed 7/13/83? Please check on this.

ACTION: Location Abandoned 7/13/83 (well never drilled)

INSPECTOR: Carol Kubly DATE 25 July 86