

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED 01L SUB. REPORT/abd. \_\_\_\_\_

DATE FILED 10-25-82

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-30096 INDIAN \_\_\_\_\_

DRILLING APPROVED: 10026-82

SPUDDED IN: \_\_\_\_\_

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

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

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

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

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

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

WELL ELEVATION: 5721' GR

DATE ABANDONED: 1-22-84

FIELD: UNDESIGNATED MONUMENT BUTTE 7/86

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

COUNTY: DUCHESNE

WELL NO. N.G.C. FEDERAL #34-4-G API NO. 43-013-30696

LOCATION 756 FT. FROM (N) (S) LINE. 1840 FT. FROM (E) (W) LINE. SW SE 1/4 - 1/4 SEC. 4

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>9S</u>	<u>16E</u>	<u>4</u>	<u>NATURAL GAS CORP.</u>

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

October 22, 1982

Mr. E. W. Guynn  
Minerals Management Service  
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 #34-4-G Federal  
SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4, T.9S., R.16E.  
Duchesne County, UT  
Pleasant Valley area

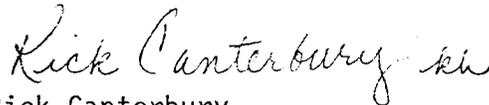
Gentlemen:

Natural Gas Corporation of California proposes to drill the subject well.  
Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) 10 Point Plan
- 4) 13 Point Surface Use Plan

Your early consideration and approval of this application would be appreciated. Should you have any questions, please contact this office.

Sincerely,



Rick Canterbury  
Associate Engineer

/kh

Encls.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MINERALS MANAGEMENT  
SERVICE

5. LEASE DESIGNATION AND SERIAL NO.  
OIL & GAS OPERATIONS

U-30096 RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Oct 25 1982

7. UNIT AGREEMENT NAME

SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME

Federal

9. WELL NO.

NGC #34-4-G

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Section 4, T.9S., R.16E.

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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  
756' FSL and 1840' FEL (SW $\frac{1}{4}$  SE $\frac{1}{4}$ ) of Section 4, T.9S., R.16E.

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 9 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

756'

16. NO. OF ACRES IN LEASE

1360

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

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

5721' Ground

22. APPROX. DATE WORK WILL START\*

January 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#, K-55	300	To surface
7-7/8"	5-1/2"	17#, N-80	T.D.	As required to protect the oil shale and producing formations.

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 Oct. 21, 1982

(This space for Federal or State office use)

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

APPROVED BY E. W. Guynn TITLE District Oil & Gas Supervisor DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: MMS; Div. OG&M; Operations; CTClark; ERHenry

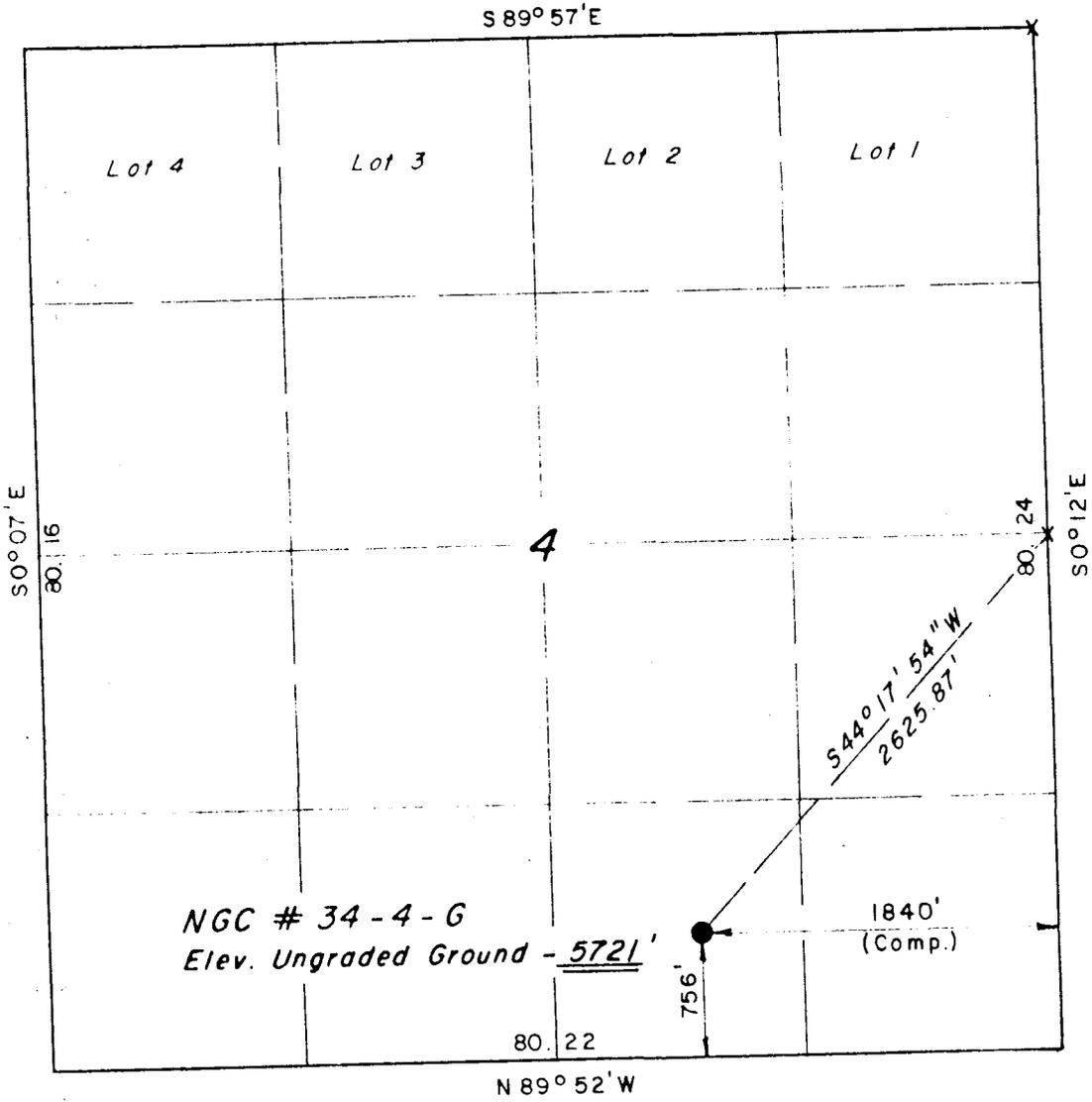
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

T 9 S , R 1 6 E , S . L . B . & M .

Well location, NGC # 34 - 4 - G, located as shown in the SW 1/4 SE 1/4 Section 4, T 9 S , R 1 6 E , S . L . B . & M . Duchesne County, Utah.



I HEREBY CERTIFY THAT THE FOREGOING IS A TRUE AND CORRECT COPY OF THE ORIGINAL SURVEY MAP AS FILED IN THE PUBLIC RECORDS OF THE STATE OF UTAH AND THAT THE SAME IS THE SAME AS THE ORIGINAL SURVEY MAP FILED.

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	9/22/82
PARTY	RK BK RP	REVISIONS	GLO Plot
WEATHER	Fair	TYPE	NATURAL GAS

X = Section Corners Located

Natural Gas Corporation of California  
Well No. 34-4-G  
Section 4, T.9S., R.16E.  
Duchesne County, Utah  
Lease U-30096

Supplemental Stipulations

- 1) Seeding for rehabilitation should only be done in the fall of the year between September 1 and when the ground becomes frozen. No spring seeding should be done.
- 2) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons and saline minerals in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale or saline minerals resource. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)

- B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:
1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
  2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
  3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.
- C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.
- D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

- E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

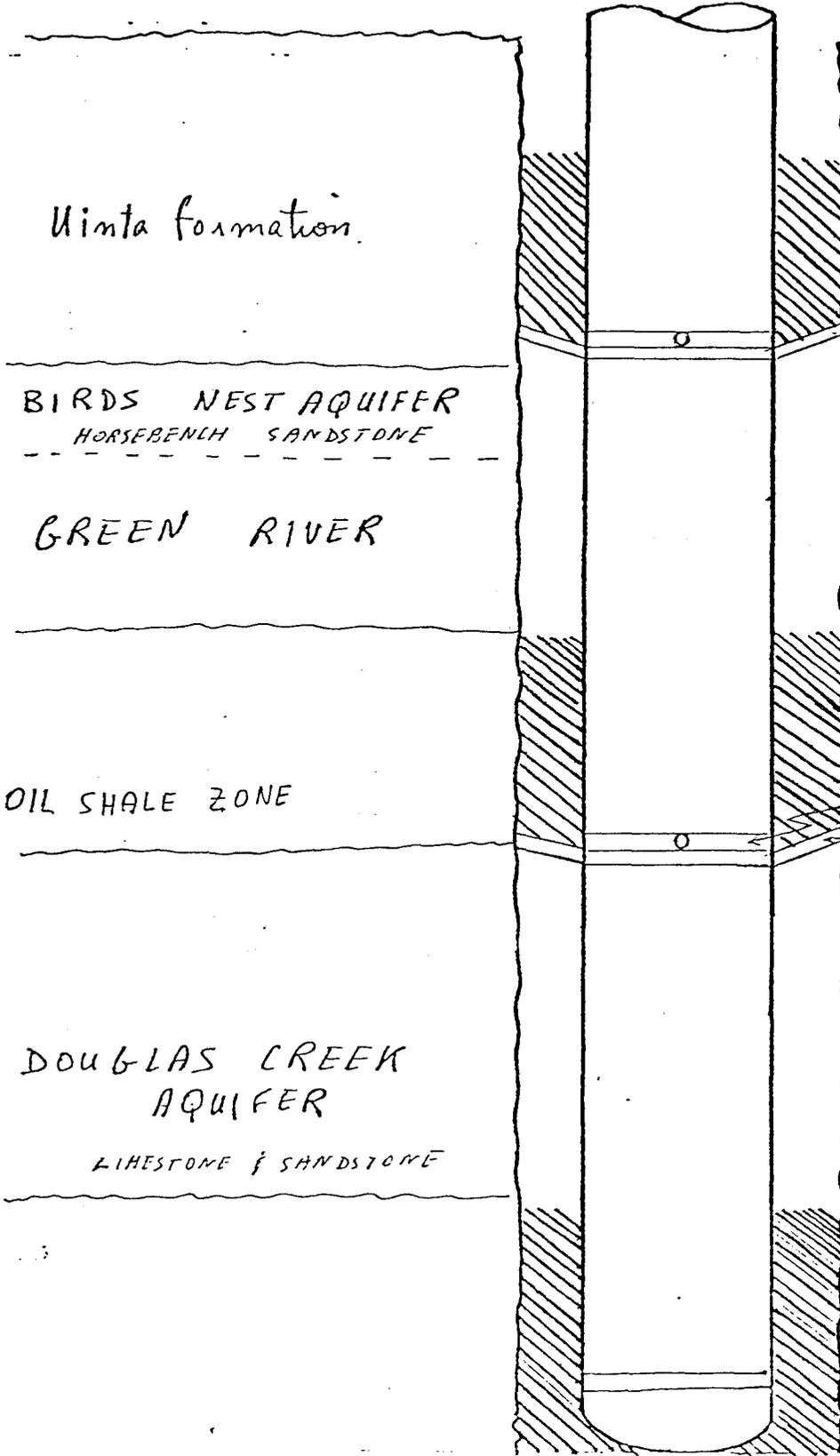
Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Guynn  
District Oil and Gas Supervisor

AMR/kr

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS IN NATURAL BUTTES FIELD. UINTAH COUNTY, UTAH



NO SCALE

CEMENT BASKET IS PLACED 50' ABOVE TOP AQUIFER CEMENT TO RISE AT LEAST 300' IN ANNULUS

STAGE COLLAR  
CEMENT BASKET

CEMENT BASKET IS SET AT CONSOLIDATED SECTION AT THE BASE OF THE OIL SHALE ZONE. CEMENT TO REACH THE TOP OF THE MAHOGANY ZONE

CEMENT WILL REACH BASE OF LOWER AQUIFER



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5

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.)\*  
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756' FSL and 1840' FEL (SW $\frac{1}{4}$  SE $\frac{1}{4}$ ) of Section 4, T.9S., R.16E.  
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

NGC #34-4-G

10. FIELD AND BOOL. OR WILDCAT

Pleasant Valley

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

Section 4, T.9S., R.16E.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 9 miles southwest of Myton, Utah

12. COUNTY OR PARISH 13. STATE  
Duchesne Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
756'

16. NO. OF ACRES IN LEASE  
1360

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

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

19. PROPOSED DEPTH  
6500' *Wanted*

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5721' Ground

22. APPROX. DATE WORK WILL START\*  
January 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

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7-7/8"	5-1/2"	17#, N-80	T.D.	As required to protect the oil shale and producing formations.

RECEIVED  
OCT 25 1982

*10-26-82  
Norman Stout*

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 Rick Canterbury TITLE Associate Engineer DATE Oct. 21, 1982  
(This space for Federal or State office use)

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

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

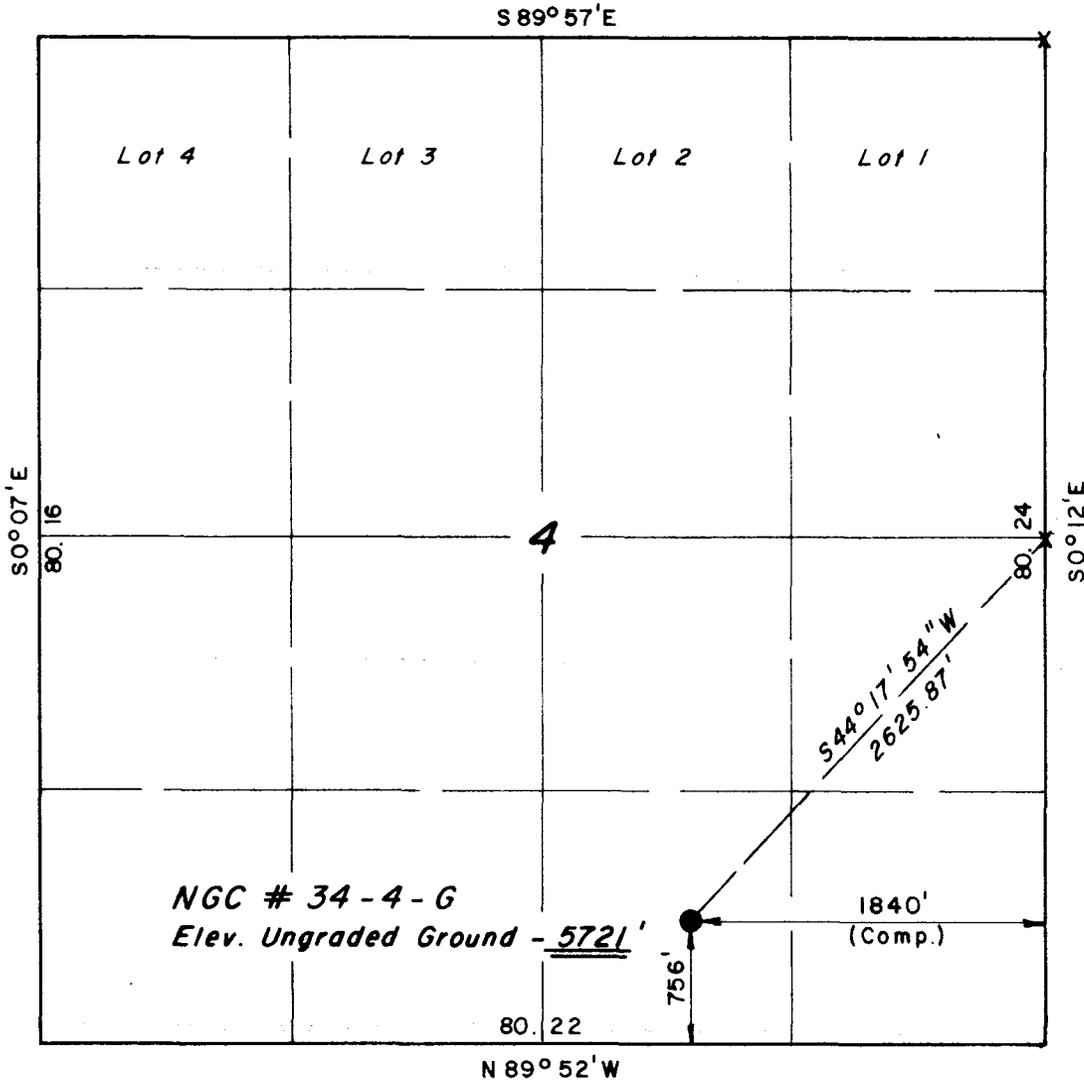
CONDITIONS OF APPROVAL, IF ANY:

cc: MMS; Div. OG&M; Operations; CTCIark; ERHenry

T 9 S , R 16 E , S . L . B . & M .

PROJECT  
**NATURAL GAS CORP. OF CALIFORNIA**

Well location , *NGC # 34-4-G* , located  
as shown in the SW 1/4 SE 1/4 Section 4 ,  
T 9 S , R 16 E , S . L . B . & M . Duchesne  
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 E. Lee*

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	9/22/82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	NATURAL GAS

Ten Point Plan  
 Natural Gas Corporation of California  
 NGC Well #34-4-G  
 SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4, T.9S., R.16E.

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

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5735' KB
Green River	1675'	4060'
Oil Shale Facies	2294'	3441'
Delta Facies	3352'	2383'
Green Shale Marker	4392'	1337'
Black Shale Facies	5619'	116'
Green River Lime	6099'	- 364'
Wasatch	6309'	- 574'
T.D.	6500'	- 765'

3. Producing Formation Depth: Formation objectives include the Green River and the Wasatch.

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>
12-1/4"	9-5/8"	36#	300	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 (attached) will be installed and maintained from 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>
0-6000'	Clear Water	-----	No Control	Water/Gel
6000'-T.D.	8.8	40	10cc/less	L.S.N.D.

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: None are anticipated.

b) Coring: There is the possibility of sidewall coring.

c) Sampling: None (unless specified).

d) Logging:

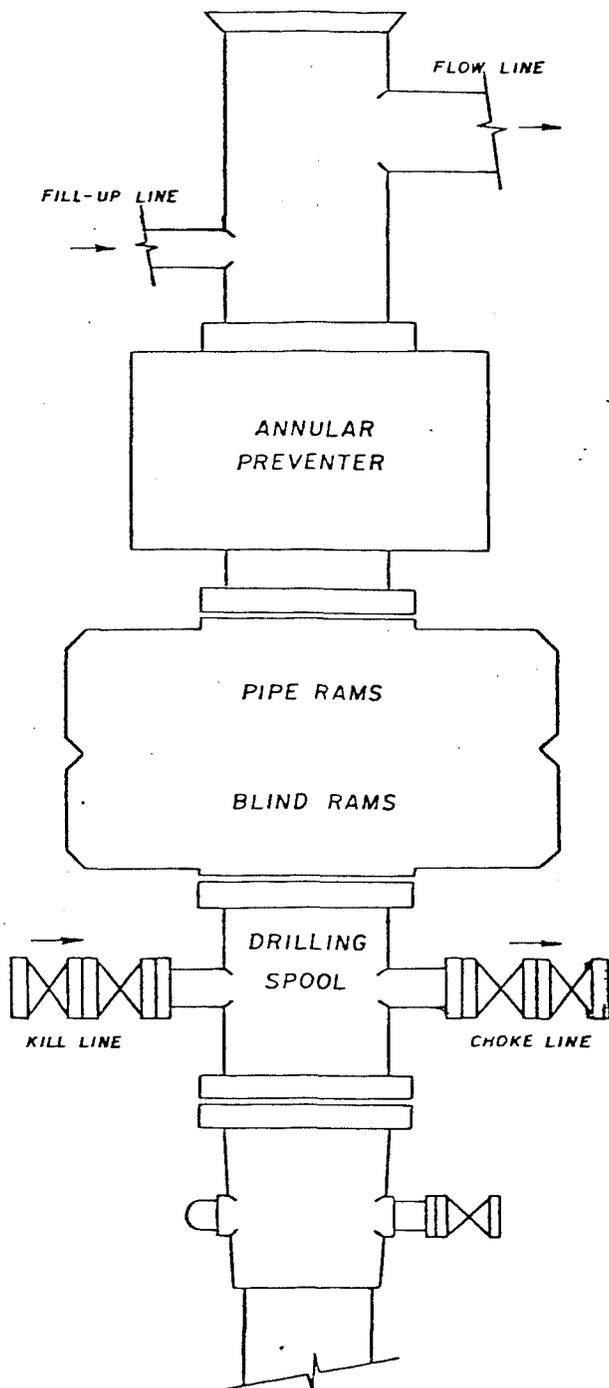
<u>Type</u>	<u>Interval</u>
DIL w/GR and SP	Logged interval to be selected by the wellsite geologist.
FDC/CNL w/GR and CAL	
F Log Overlay	
Prox-Micro Log w/GR and CAL	

9. Abnormalities (including sour gas): No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows may be anticipated in the Green River and Wasatch Formations.

10. Drilling Schedule: The anticipated starting date is Jan. 1, 1983 and duration of operations is expected to be around 15 days.

NATURAL GAS CORPORATION  
OF  
CALIFORNIA  
BOP AND PRESSURE CONTAINMENT DATA

NGC #34-4-G Federal  
SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4, T.9S., R.16E.



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 rated 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 #34-4-G Federal

SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4, T.9S., R.16E.

Duchesne County, Utah

## 1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #34-4-G, proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with Highway 53. Proceed south on Highway 53 for 2 miles to its junction with County Road #216. Follow County Road #216 for 4 miles and then take the road to the right. Follow this road for 2.8 miles and take a left turn and follow this road for 1.4 miles. Take a right turn and follow this road for 1.4 miles, and then left for .5 mile. The proposed road will start here.

## 2. PLANNED ACCESS ROAD

See attached topographic map B.

The proposed road will be .6 mile long. All road use off the county road is on NGC Lease U-30096 or on existing right-of-way.

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 30 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 culverts will be installed and no major cuts or fills will be required.
- 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 - NGC Well #42-4, Sec. 4, T9S, R16E.
- 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 - A tank battery will be located on the location.  
(2) Production facilities - none.  
(3) Oil gathering lines - No lines will be constructed as the oil will be  
(4) Gas gathering lines - none. hauled by truck.
- B. (1) In the event production is established, 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 A.

Water will be obtained from the Upper Pleasant Valley Canal in Section 33, T.4S., R.2W. Water will be hauled over existing roads. An agreement has been made with Mr. Clark Roberts and is attached.

6. SOURCE OF CONSTRUCTION METHODS

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) Cutting, 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 non-flammable 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 woven wire at least 36 inches high and within 4 inches of ground surface with one strand of barbed wire above the woven wire. 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. There will be no trash burning on the location.
- 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 cage and hauled to a local authorized sanitary landfill.

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 1500 cubic yards of material that will be stockpiled. Topsoil will be stockpiled on the west end of the location.

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 Vernal District BLM will be contacted by the Operator or dirt contractor forty eight hours prior to beginning any work on public land.
- 2) The dirt contractor will be furnished a copy of the approved APD and Surface Use Plan prior to beginning any work on public land.
- 3) All permanent (on-site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.
- 4) Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."

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.

October 22, 1982

Date

  
Rick Canterbury, Associate Engineer

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

October 6, 1982

Mr. Clark Roberts  
P.O. Box 156  
Myton, UT 84052

Re: Natural Gas Corporation of CA  
Proposed Well #34-4-G Federal  
Section 4, T.9S., R.16E.

Dear Mr. Roberts:

The purpose of this letter is to make an additional agreement with you for a water supply for drilling operations on the above referenced well.

In consideration for you providing this water, Natural Gas Corporation of California will compensate you \$1200 per well, payable two weeks prior to the spudding of the well. If you are in agreement with this, please indicate your approval by signing below.

Sincerely,

*William A. Ryan*

William A. Ryan  
Petroleum Engineer  
Natural Gas Corporation of CA

Owner: \_\_\_\_\_

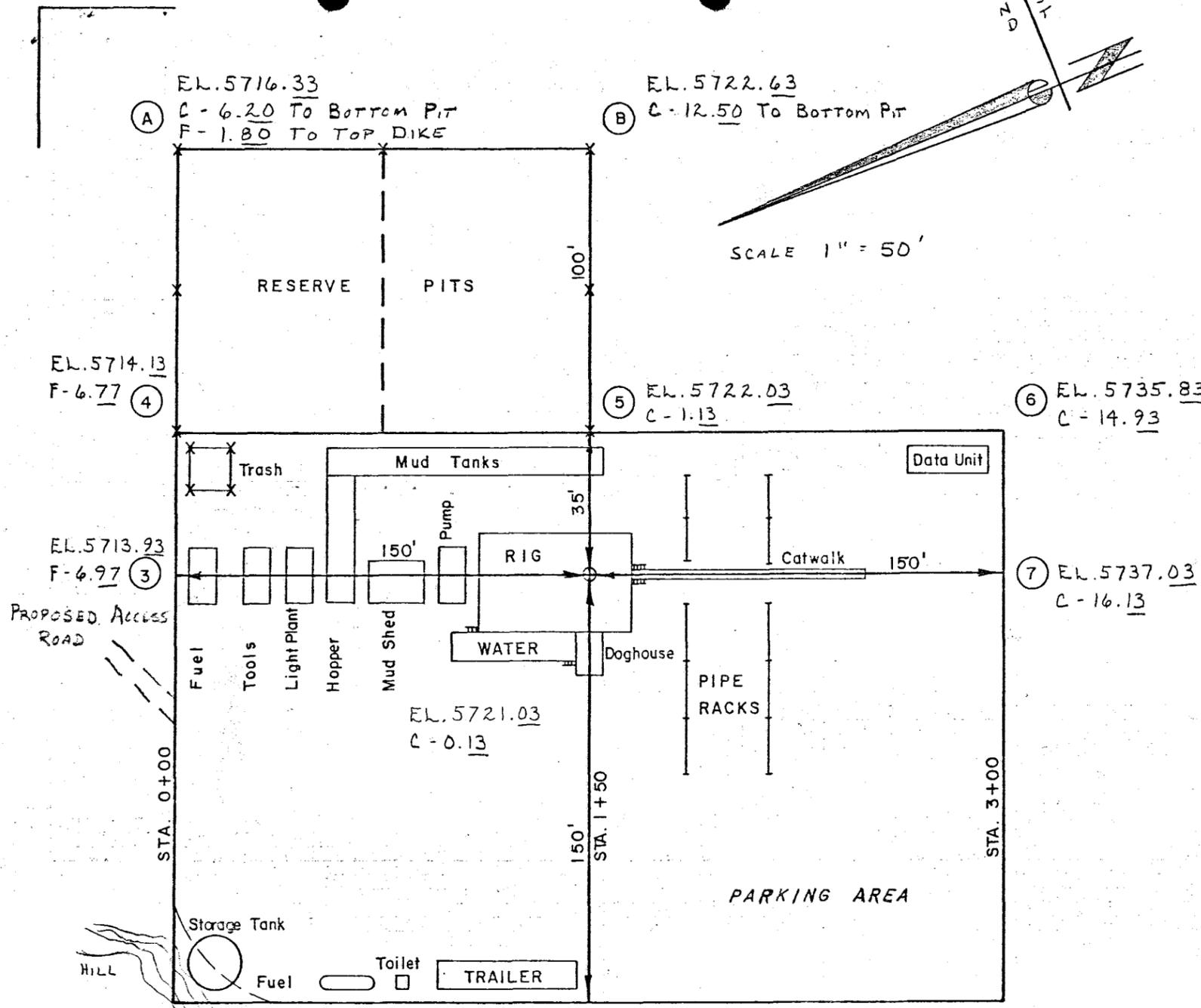
*Clark Roberts*

Date: \_\_\_\_\_

WAR/sr

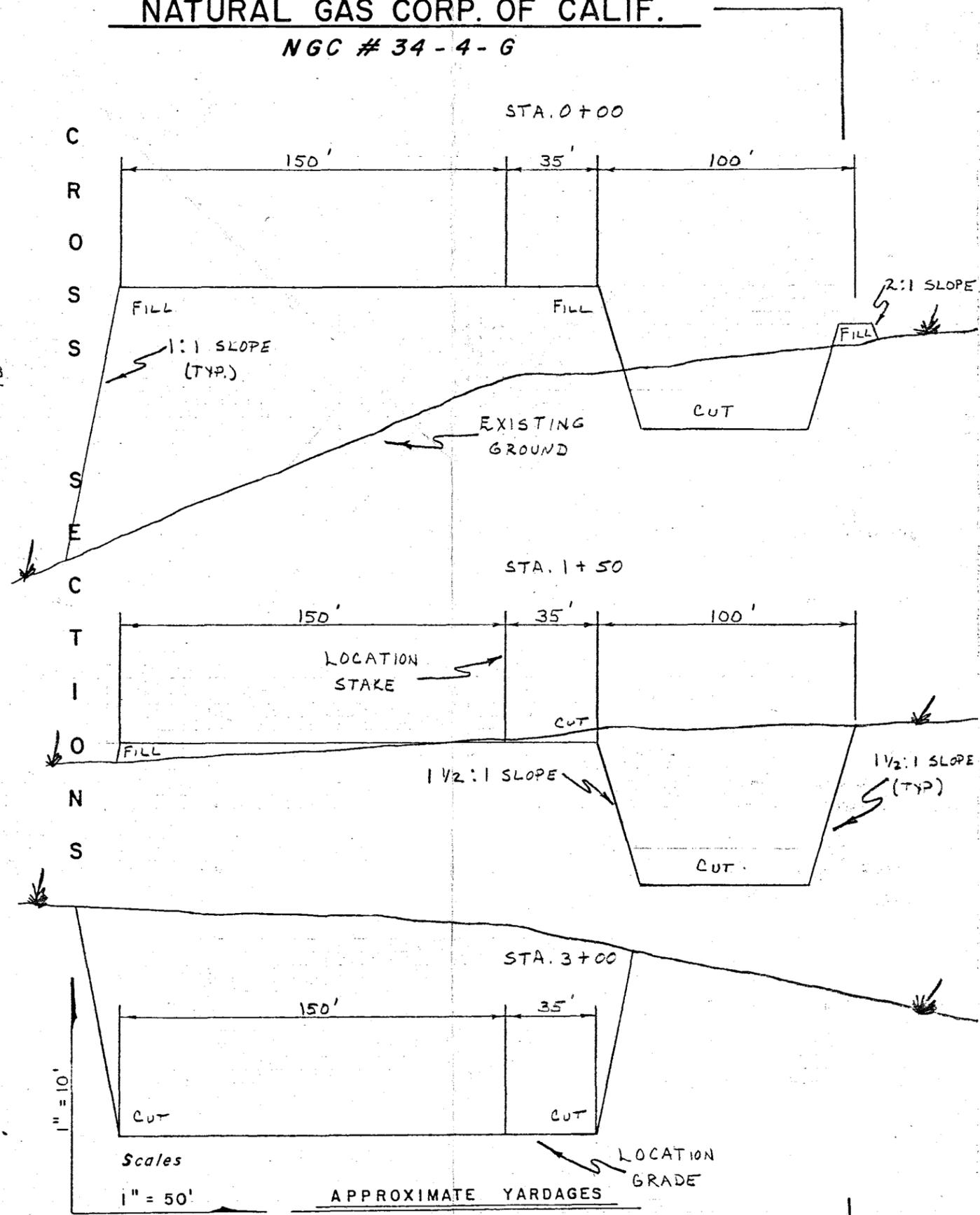
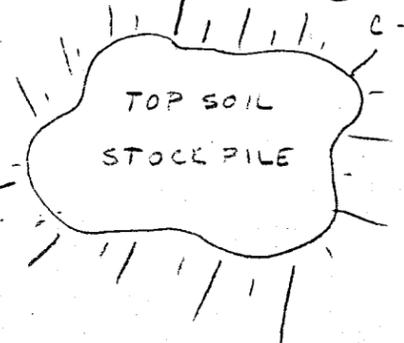
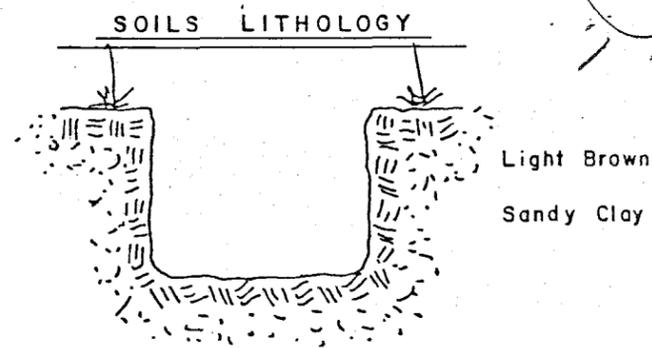
NATURAL GAS CORP. OF CALIF.

NGC # 34-4-G



SCALE 1" = 50'

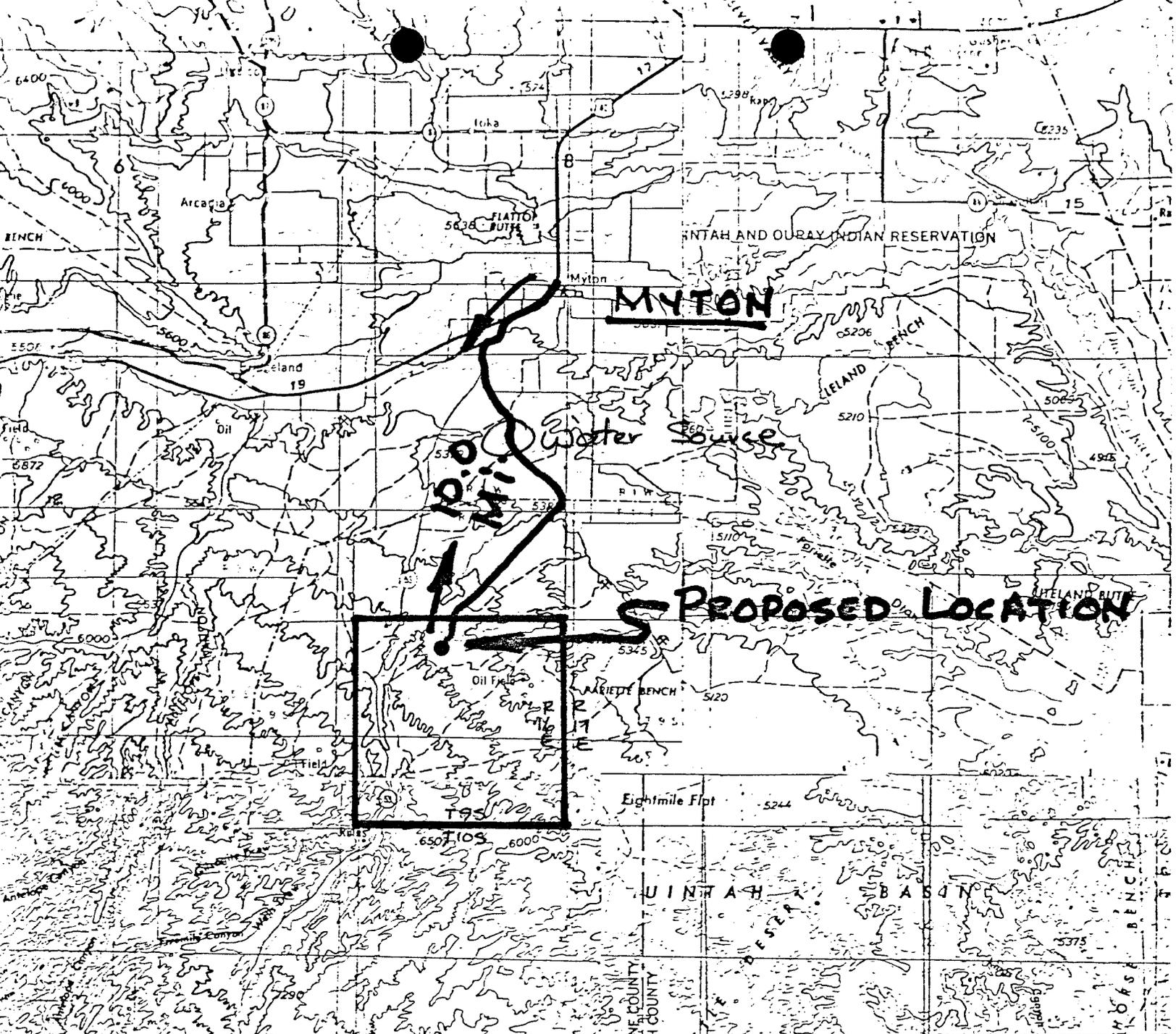
NOTE: LOCATION TO BE ROUNDED



Cu. Yds. Cut - 16119

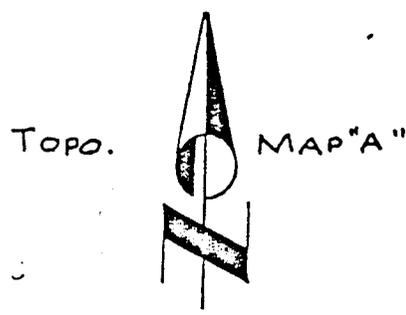
Cu. Yds. Fill - 7480

APPROXIMATE YARDAGES



NATURAL GAS CORP.  
OF CALIF.

NGC #34-4-G  
PROPOSED LOCATION



SCALE - 1" = 4 MI.



HIGHWAY 216 -  
3.8 MILES.  
MYTON, UTAH  
8.5 MILES

T8S  
T9S

R  
16  
E

R  
16  
E

PROPOSED ACCESS  
ROAD - 0.6 MILES

PROPOSED LOCATION  
NGC # 34-4-6

NATURAL GAS CORP.  
OF CALIF.  
NGC # 34-4-6  
PROPOSED LOCATION

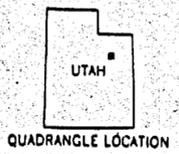
Topo. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ..... Unimproved dirt .....



QUADRANGLE LOCATION

WELLINGTON 61 MI

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C. - 1968  
574000m E

110°47'30"

1875

1576 12 390 000 FEET

1877

1878 5'

12 MI. TO UTAH 53

Mapped, edited, and published by the Geological Survey

OPERATOR Natural Gas Corp of Calif DATE 10-25-82  
WELL NAME NGC #34-4-6 Ad  
SEC SWSE 4 T 9S R 16E COUNTY Richmond

43-013-30696  
API NUMBER

Ad.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS: No nearby wells  
\_\_\_\_\_  
\_\_\_\_\_  
RJE ✓

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE  
 c-3-b  c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

October 26, 1982

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

RE: Well No. NGC #34-4-G Federal  
SWSE Sec. 4, T.9S, R.16E  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), 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:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

CLEON B. FEIGHT - Director  
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 43-013-30696.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Minerals Management Service  
Enclosure



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

December 22, 1983

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

RE: Well No. NGC #34-4-G  
756' FSL, 1840' FEL SW SE  
Sec. 4, T. 9S, R. 16E.  
Duchesne County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

A handwritten signature in black ink, appearing to read 'Norman C. Stout'.

Norman C. Stout  
Administrative Assistant

NCS/cj

3100  
U-810

June 8, 1984

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

RECEIVED  
JUN 11 1984  
DIVISION OF OIL  
GAS & MINING

Re: Rescind Application for Permit to Drill  
Well No. 34-4-G  
Section 4, T9S, R16E  
Duchesne County, Utah  
Lease U-30096

Gentlemen:

The Application for Permit to Drill the referenced well was approved on November 10, 1982. Since that date, no known activity has transpired at the approved location. Under current 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 approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

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

Sincerely,

*Donald C. Alvord*

Donald C. Alvord  
Associate District Manager

cc: Well File  
State O & G  
SMA

*BMuthma*