

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

8901007 Chg of opn name eff 6/89
 941207 Open NAME CHANGE fr P6+E to Dallen eff 10-1-94

DATE FILED 6-10-82

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. 30096 INDIAN

DRILLING APPROVED: 6-21-82

SPUDED IN: 7-19-82

COMPLETED: 11-14-82 POW PUT TO PRODUCING:

INITIAL PRODUCTION: 290 BOPD, 115 MCF, 9 BWPD

GRAVITY A.P.I. -

GOR: -

PRODUCING ZONES: 4352-6282 GREEN RIVER

TOTAL DEPTH: 6450'

WELL ELEVATION: 5809'

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT: 0

COUNTY: DUCHESNE

WELL NO. NGC #32-5-G FEDERAL API NO. 43-013-30670

LOCATION 1976' FT. FROM (N) ~~KN~~ LINE. 1366' FT. FROM (E) ~~KN~~ LINE. SW NE 1/4 - 1/4 SEC. 5

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
			Dallen Resources Oil & Gas				

Dallen Resources Oil & Gas

1000 X

NATURAL GAS CORPORATION
OF CALIFORNIA

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

May 26, 1982

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

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Permission is requested to survey the following two well locations:

- 1) NGC Well #32-5-G Federal
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5, T.9S., R.16E.
Federal Lease U-30096
Duchesne County, Utah
- 2) NGC Well #11-31-I Federal
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 31, T.9S., R.18E.
Uintah County, Utah
Federal Lease U-21534

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

RC/kh

Attachment

cc: Operations

*Picavent
Valley*

NATURAL GAS CORPORATION
OF CALIFORNIA

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

June 9, 1982

Uintah Basin Irrigation Company
P.O. Box 156
Myton, Utah 84052

Attn: Mr. Clark Roberts

Re: Natural Gas Corporation of
California proposed drilling
location.
#32-5-G Federal
Section 5, T.9S., R.16E.
Duchesne County, Utah

Dear Mr. Roberts:

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

In consideration for providing this water, Natural Gas Corporation
of California will compensate Uintah Basin Irrigation Company \$1000
payable two weeks prior to the spudding of this well.

If you are in agreement with this, please indicate your approval by
signing below.

Yours truly,

W^M Ryan

William A. Ryan
Petroleum Engineer

Owner:

Clark Roberts

Clark Roberts for Uintah Basin
Irrigation Company

Date:

June 9, 82

WAR/kh

NATURAL GAS CORPORATION
OF CALIFORNIA

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

June 10, 1982

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 #32-5-G Federal
SW NE Section 5, T.9S., R.16E.
Duchesne 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 Plan
- 4) 13 Point Surface Use Plan

Your early consideration and approval of this application would be appreciated. Should you require additional information, please contact this office.

Yours truly,

William A. Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
JUN 14 1982

7. UNIT AGREEMENT NAME
SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-5-G Fed.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.LK. AND SURVEY OR AREA
Section 5, 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 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1976' FNL, 1366' FEL, SW NE Section 5, T.9S, R.16E.
At proposed prod. zone

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

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

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
6450

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5809' Un. Gr.

22. APPROX. DATE WORK WILL START*
July 10, 1982

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	TD	As required to protect the producing formations and oil shale.

See attached sheets for additional details.

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 William A. Ryan TITLE Petroleum Engineer DATE June 10, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY W. J. Martin FOR E. W. GUYNN
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE DISTRICT OIL & GAS SUPERVISOR DATE JUL 12 1982

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

NOTICE OF APPROVAL
State Oil & Gas

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

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
1976' FNL, 1366' FEL, SW NE Section 5, T.9S, R.16E.
At proposed prod. zone

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

See attached sheets for additional details.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/21/82
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 William A. Ryan TITLE Petroleum Engineer DATE June 10, 1982
William A. Ryan

(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; CTClark; ERHenry

5. LEASE DESIGNATION AND SERIAL NO.
30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-5-G Fed.

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 5, T.9S., R.16E.

12. COUNTY OR PARISH
Duchesne

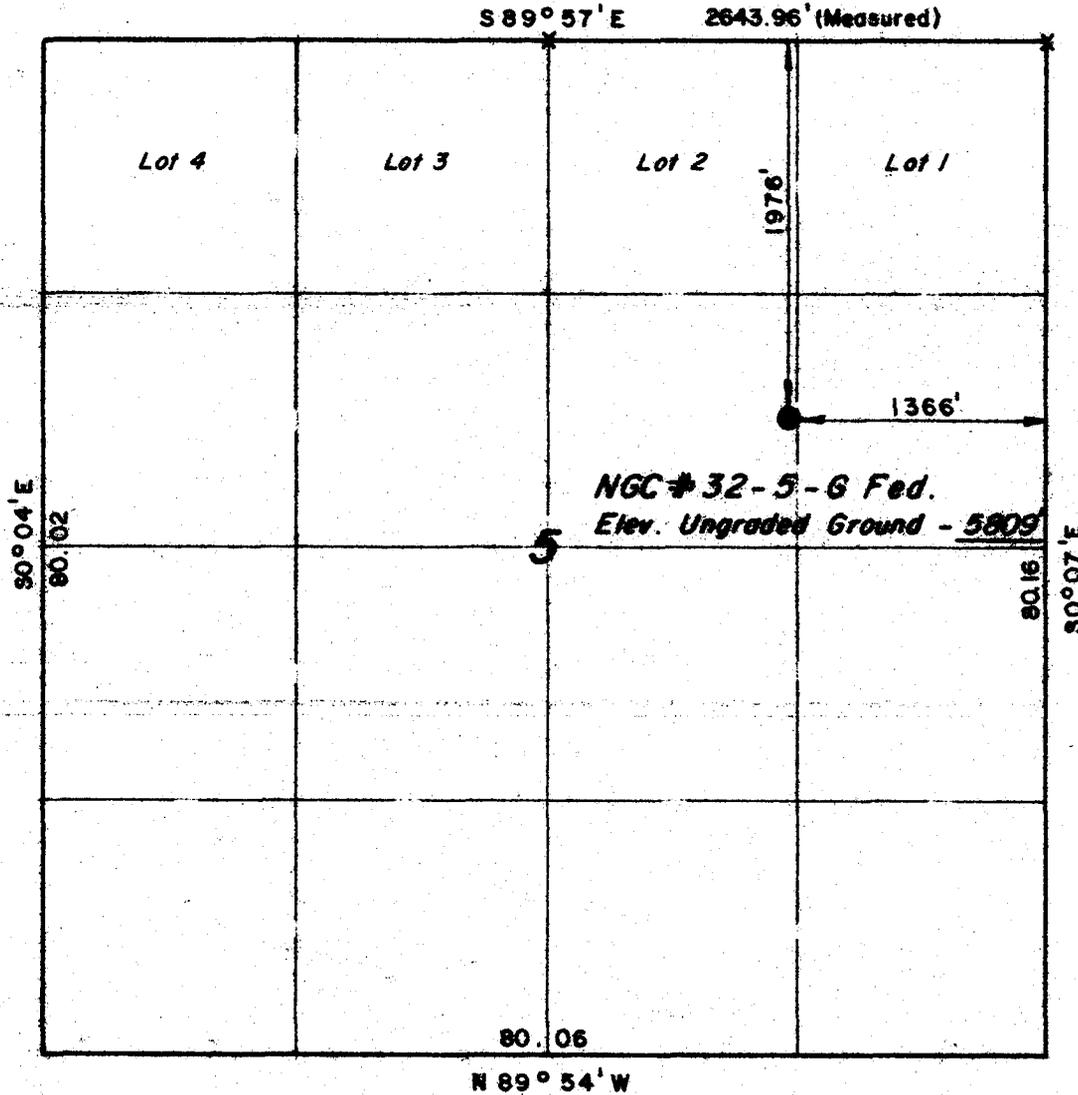
13. STATE
Utah

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

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, NGC # 32-5-G Fed.,
located as shown in the SW 1/4 NE 1/4
Section 5, T9S, R16E, S.L.B. & M.
Duchesne County, Utah.



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. 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	6 / 4 / 82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	NAT. GAS CORP.

X = Section Corners Located



United States Department of the Interior

2800
(U-830)

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

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DECISION

Right-of-Way Granted

Details of Grant

Serial number: U-50487

Name of holder: Natural Gas Corporation of California
85 West 200 East
Vernal, UT 84078

Map showing the location and dimensions of the grant

Map designations: U.S.G.S. Topography Map

Date filed: February 12, 1982

Permitted use: Road, 30 feet wide

Authority: Act of October 21, 1976 (90 Stat. 2743;
43 U.S.C. 1701)

Effective date: March 17, 1982

Termination date: March 16, 2012

Rental

Amount: None

When payable:

Terms and Conditions of Grant

Terms and conditions of this grant are listed on the following pages.

David W. Moore
David W. Moore
Acting District Manager

Stipulations U-50487

1. This grant is issued subject to applicable regulations in 43 CFR Part 2800 and all valid rights existing on the date of this grant.
2. This right-of-way may be renewed. If renewed, the right-of-way will be subject to regulations existing at the time of renewal and such other terms and conditions deemed necessary to protect the public interest.
3. The holder shall indemnify the United States against any liability for damage to life or property arising from the use and occupancy of BLM administered lands under this right-of-way.
4. The right-of-way granted herein is an easement issued pursuant to the authority cited above.
5. There is hereby reserved to the Secretary of the Interior, or his lawful delegate the right to grant additional rights-of-way or permits for compatible uses on, over, under, or adjacent to the land involved in this grant.
6. The holder shall comply with the applicable Federal and State laws and regulations concerning the use of pesticides (i.e., insecticides, herbicides, fungicides, rodenticides, and other similar substances) in all activities/operations under this grant. The holder shall obtain from the authorized officer approval of a written plan prior to the use of such substance. The plan must provide the type and quantity of material to be used; the pest, insect, fungus, etc. to be controlled; the method of application; the location for storage and disposal of containers; and other information that the authorized officer may require. The plan should be submitted no later than December 1 of any calendar year that covers the proposed activities for the next fiscal year (i.e., December 1, 1979, deadline for a fiscal year 1981 action). Emergency use of pesticides may occur. The use of substances on or near the right-of-way shall be in accordance with the approved plan. A pesticide shall not be used if the Secretary of the Interior has prohibited its use. A pesticide shall be used only in accordance with its registered uses and within other limitations if the Secretary has imposed limitation. Pesticides shall not be permanently stored on public lands authorized for use under this grant.
7. Proof of construction shall be submitted within 90 days after construction is completed.
8. The right-of-way shall be limited to 30 feet wide.
9. Disturbance of improvements such as fences, roads, watering facilities, etc., encountered during the construction and maintenance of the right-of-way must be kept to an absolute minimum. The holder is required to immediately restore any damaged improvements to at least their former state. Functional use of these improvements must be maintained at all times. When necessary to pass through a fence line, the fence shall be braced on both sides of the

passageway prior to cutting of the fence. A gate acceptable to the District Manager shall be installed in the gate opening and kept closed when not in actual use. Where a permanent road is to be constructed or maintained, cattleguards shall be placed at all fence crossings.

10. The Authorized Officer may require holder to relocate the proposed road in order to avoid destruction of archaeological, paleontological or historic values or to delay construction until salvage operations are completed. All salvage shall remain the property of the United States and shall be turned over to the BLM.

11. All disturbed areas shall be landscaped and revegetated as nearly as possible to their original condition or to a condition agreed upon by both the holder and the BLM. This reclamation shall be accomplished as soon as possible after the disturbance occurs. Disturbed areas which in the opinion of the BLM District Manager are unsuitable to successfully revegetate shall be protected under the provisions of an approved "site protection plan". This plan shall state the method of protection to be used and the provisions for prevention of site deterioration and introduction of noxious weeds. This plan must be submitted to the District Manager for approval, prior to disturbance by the holder of the sites in question.

12. Within 30 days after conclusion of construction and operation, all construction materials and related litter and debris, including vegetative cover accumulated through land clearing, shall be disposed of in accordance with instructions of the Authorized Officer.

13. Before construction may commence, holder shall designate a representative for field operations who shall be the sole field representative of holder and holder's contractors in dealings with the Authorized Officer.

14. The holder shall comply with existing county, state, and federal laws as concerned with the protection and preservation of wild horses, wild burros, raptors, game and non-game wildlife species.

15. The holder shall comply with all state and federal regulations and laws pertaining to water quality, public health and public safety.

16. When all development and rehabilitation have been completed, a joint compliance check of the right-of-way shall be made by the holder and the Authorized Officer or his designated representative to determine compliance with the terms and conditions of this grant. Holder shall perform at his own expense, any required modifications or additional reclamation work needed to comply with the terms of this grant.

17. Unless authorized in writing, travel shall be restricted to the right-of-way and existing public roads.

18. Any damage to the road shall be prepared as soon as weather conditions permit.

March 17, 1982
Date

William A. Ryan
Authorized Signature

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EQUAL OPPORTUNITY CLAUSE

During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this Equal Opportunity clause:

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under this Equal Opportunity clause, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order No. 11246 of September 24, 1965, as amended, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order No. 11246 of

September 24, 1965, as amended, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's noncompliance with the Equal Opportunity clause of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, as amended, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, as amended, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, as amended, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: *Provided, however*, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

U-50487

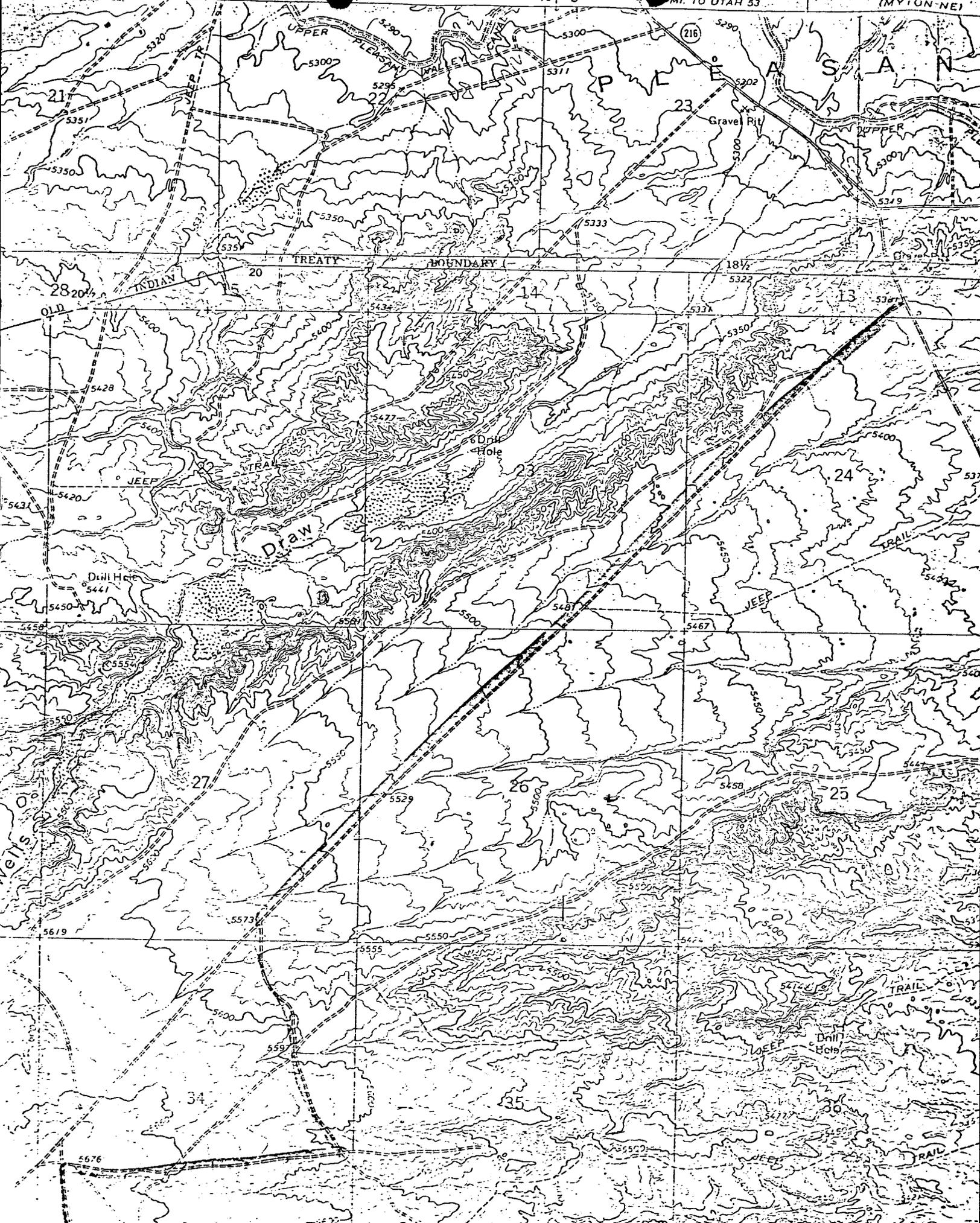
396-11 NE (MYTON-NE)

MI. TO UTAH 53

576

577

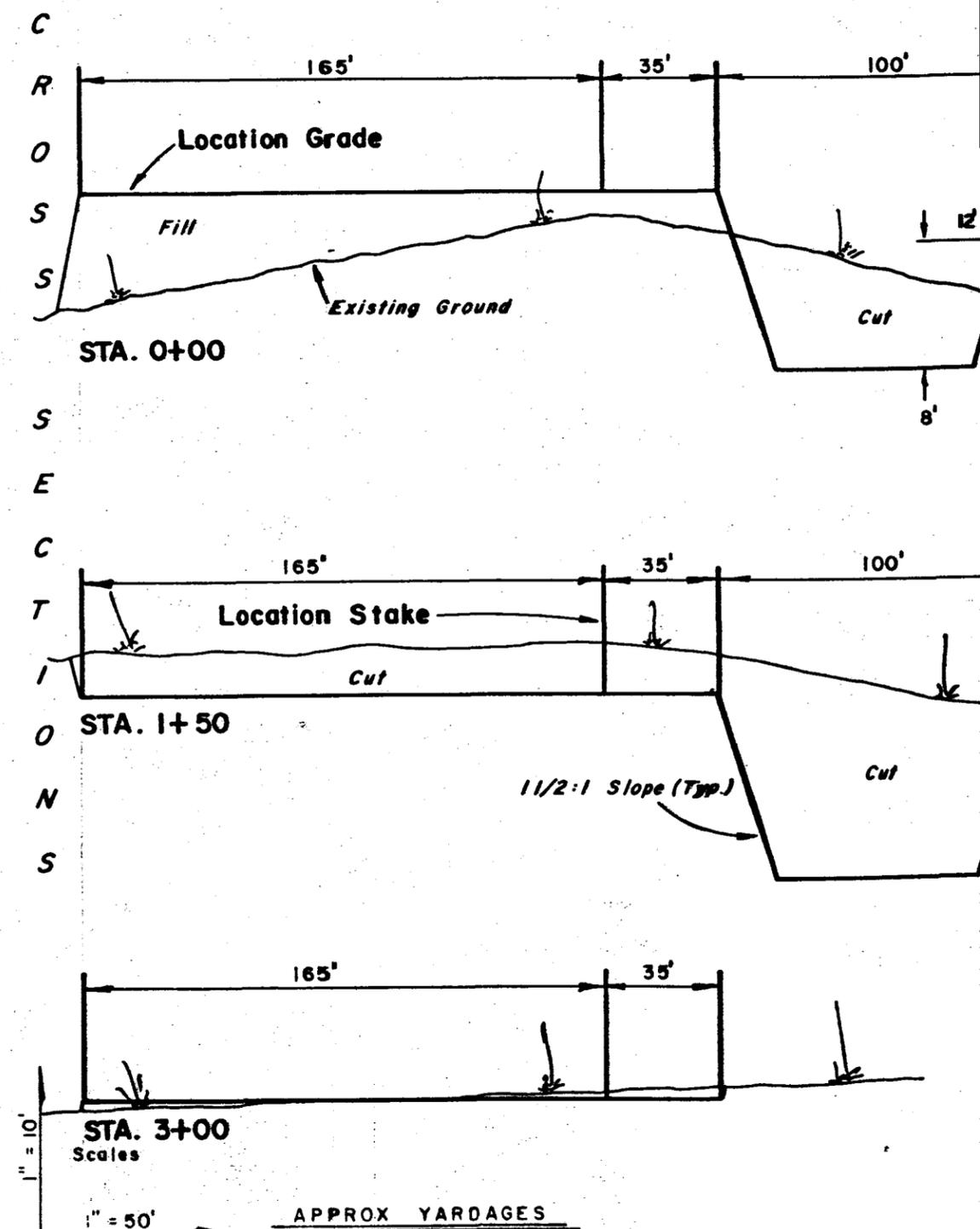
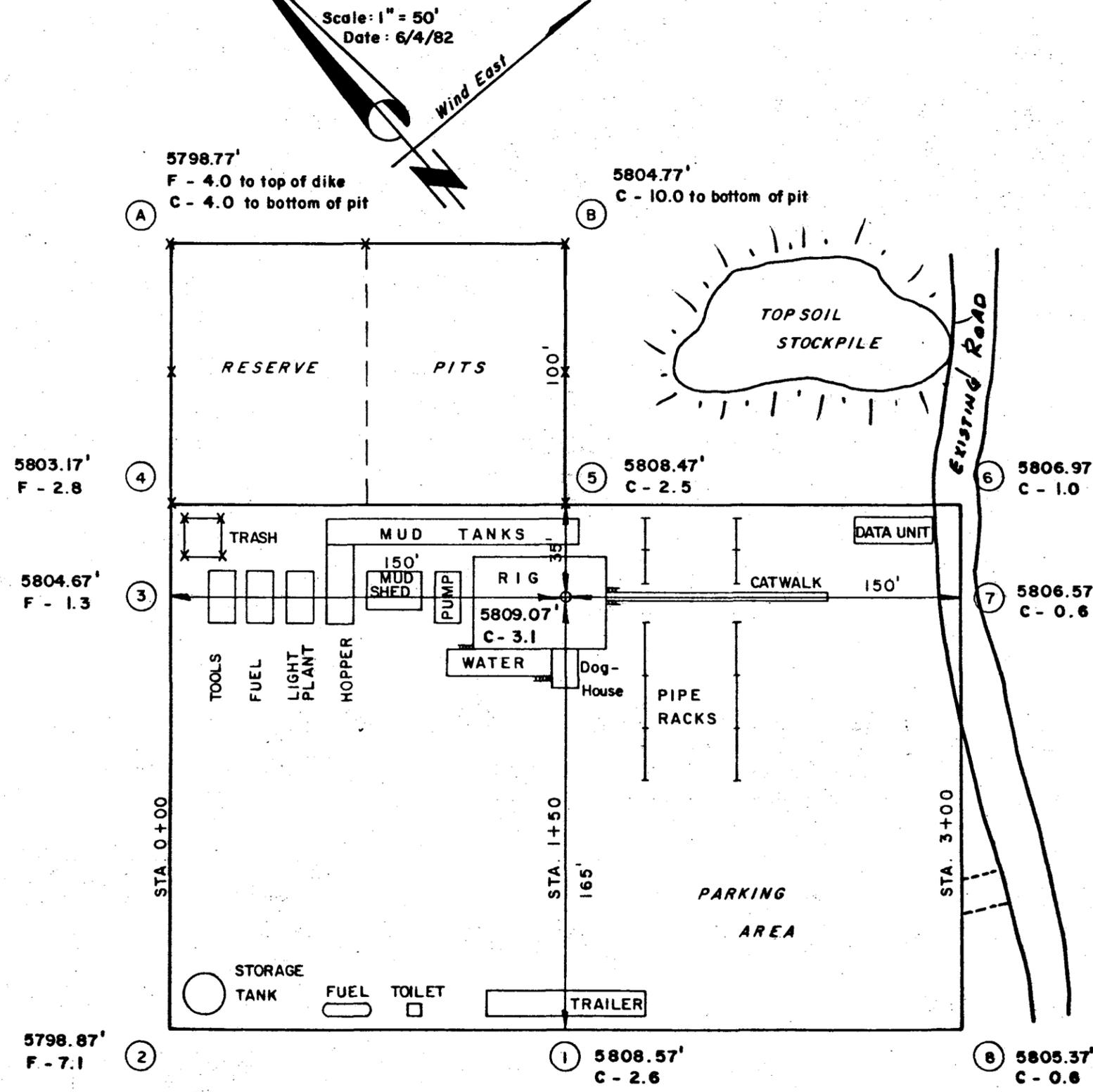
578 5'



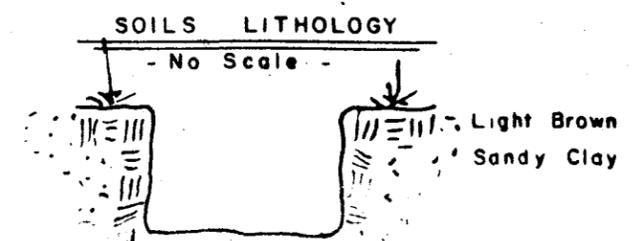
NATURAL GAS CORP. OF CALIF.

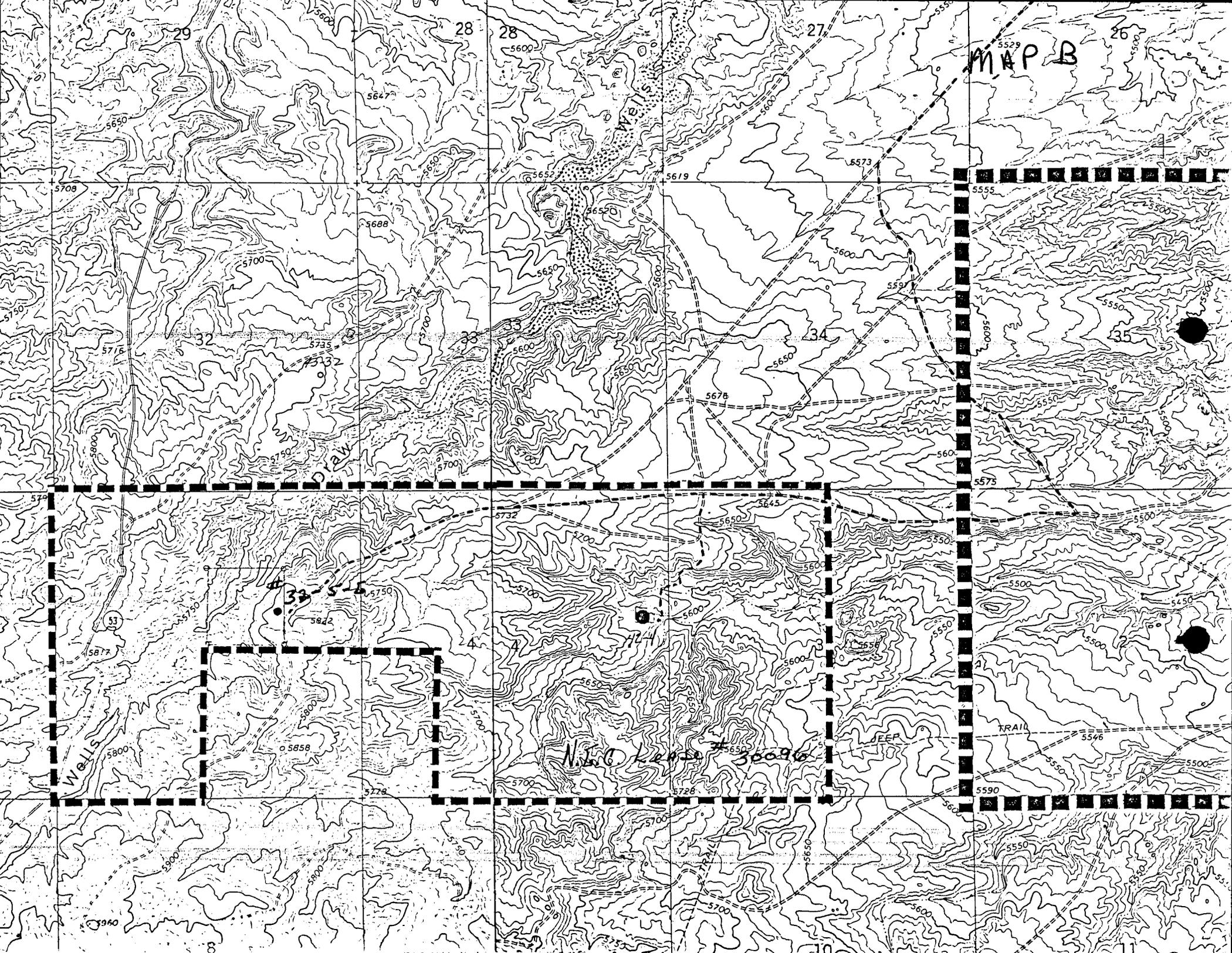
NGC # 32 - 5 - G Fed.

LOCATION LAYOUT & CUT SHEET



Cubic Yards Cut - 10,000
Cubic Yards Fill - 2,500





NATURAL GAS CORP.
OF CALIF.

NGC #32-S-G FED.
PROPOSED LOCATION

Topo.

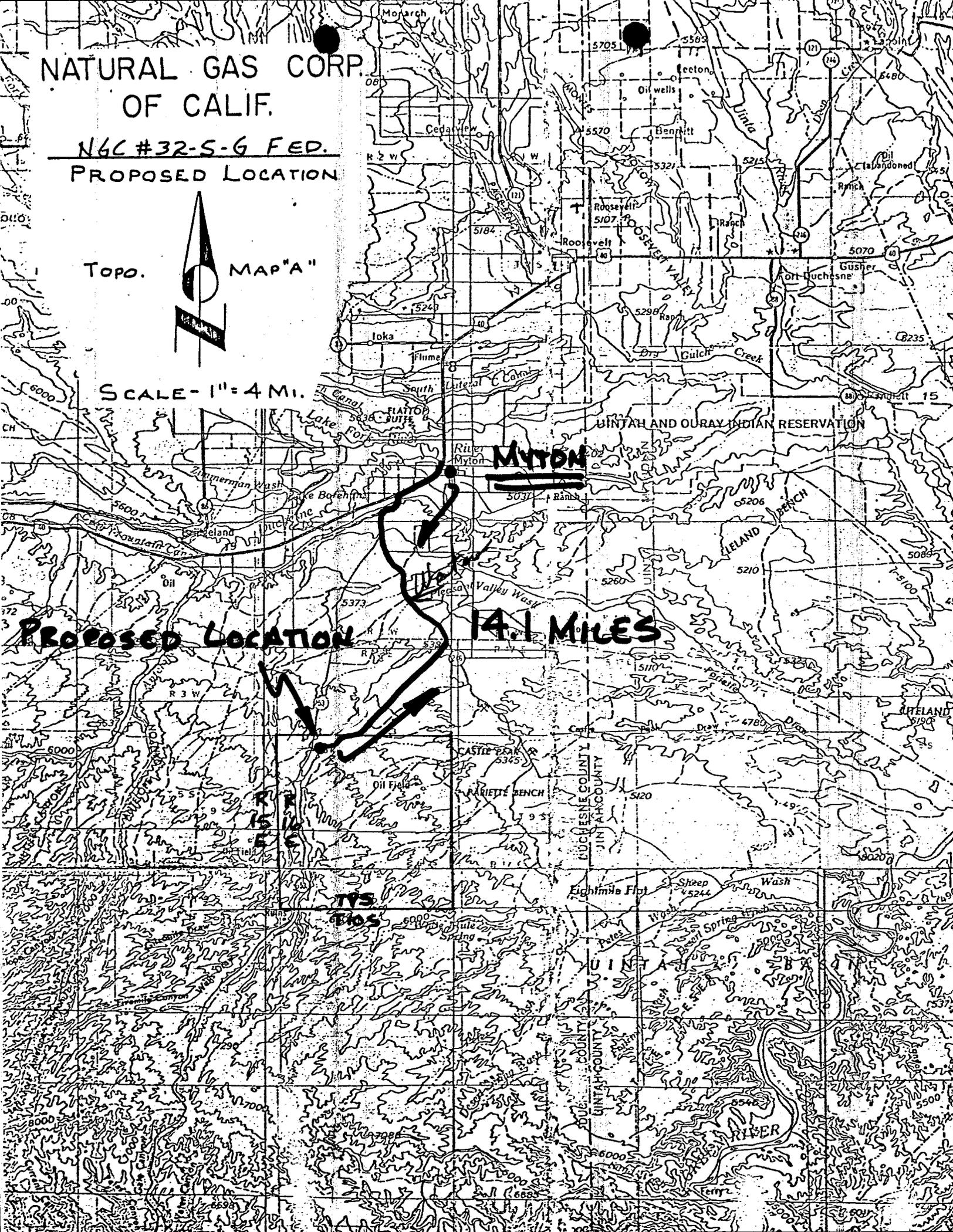
MAP "A"



SCALE - 1" = 4 MI.

Proposed Location

14.1 MILES



**NATURAL GAS CORPORATION
OF CALIFORNIA**

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

June 10, 1982

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

Attn: Debbie Beauregard

Re: Request for Spacing Exception
Pleasant Valley Well #32-5-G Fed.
SW NE Section 5, T.9S., R.16E.
Lease no. 30096
Duchesne County, Utah

Gentlemen:

Natural Gas Corporation of California, as operator of Federal Lease no. 30096 requests permission to locate a well approximately 1976' FNL and 1366' FEL in Section 5, T.9S., R.16E. This location is requested due to topographic consideration and the desire to minimize surface disturbance of the drilling site. Please see the attached topographic map.

If your office requires additional information, please contact myself or Rick Canterbury in our Vernal office.

Yours truly,



William A. Ryan
Petroleum Engineer

WAR/kh

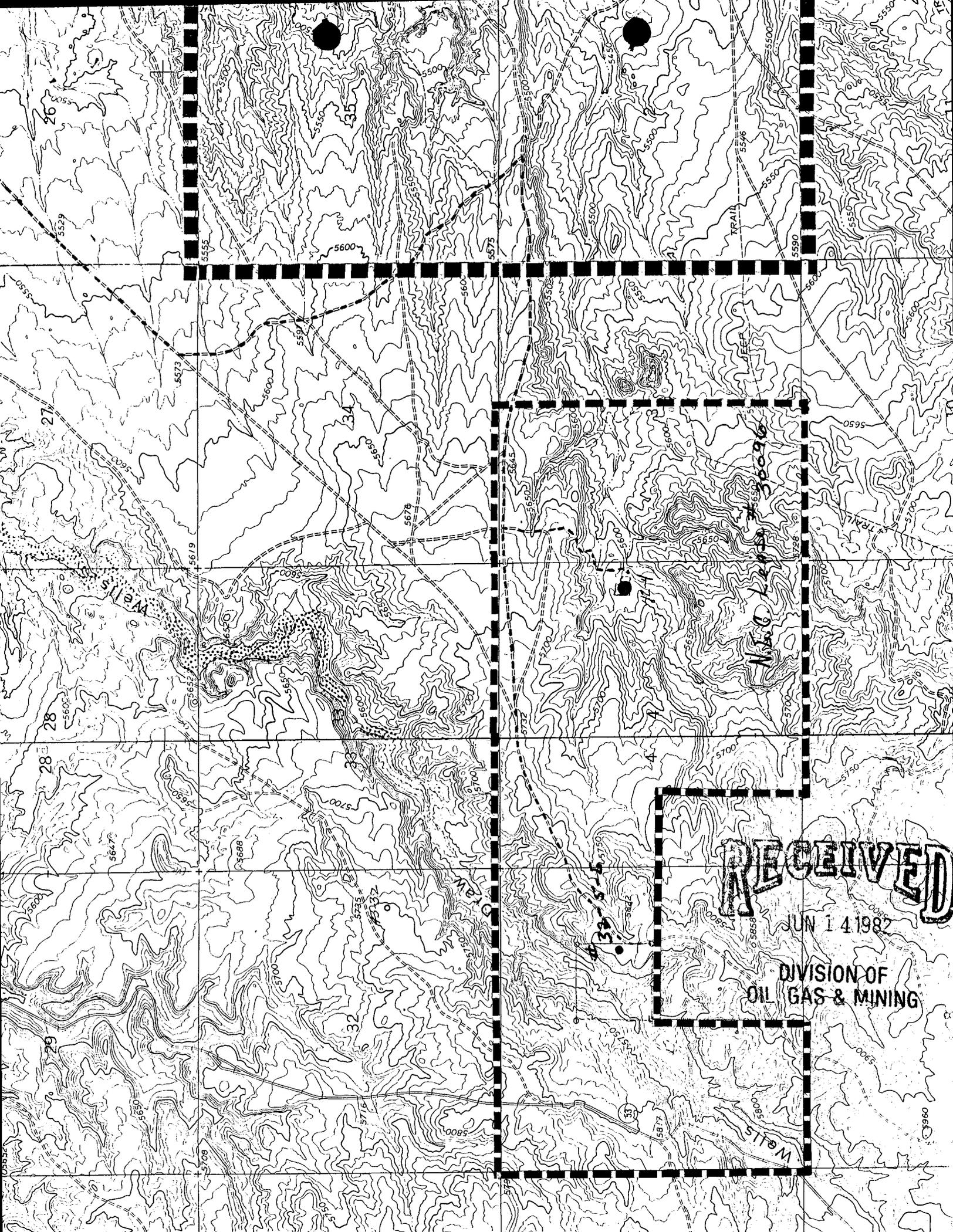
Attachment

cc: Application for Permit to Drill

RECEIVED

JUN 14 1982

**DIVISION OF
OIL, GAS & MINING**



RECEIVED

JUN 14 1982

DIVISION OF
OIL GAS & MINING

Wells

** FILE NOTATIONS **

DATE: June 16, 1982

OPERATOR: Natural Gas Corporation of California

WELL NO: N6C #32-5-G Fed.

Location: Sec. ^{S_WNE} 5 T. 9S R. 16E County: Duchesne

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-013-30670

CHECKED BY:

Petroleum Engineer: OK Unorthodox location, topo-exception lease ownership, OK.

Director: _____

Administrative Aide: As Per Rule C-3(c), Topo Enclosed

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 F&D

Plotted on Map

Approval Letter Written

Hot Line

P.I.

June 21, 1982

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

RE: Well No. NGC #32-5-G Federal
Sec. 5, T9S, R16E
Duchesne County

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), 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 43-013-30670.

Sincerely,



RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure



United States Department of the Interior

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

MINERALS MANAGEMENT SERVICE
OIL & GAS OPERATIONS
RECEIVED
IN REPLY REFER TO
T & E
U-801

JUL 6 1982

SALT LAKE CITY, UTAH

July 1, 1982

Ed Guynn, District Engineer
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Natural Gas Corporation
T9S, R16E, Sec. 5, Well #32-5-G
T9S, R18E, Sec. 31, Well #11-31-I

Dear Mr. Guynn:

On July 1, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Casada Construction, Skews & Hamilton Construction, NGC, MMS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. 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."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. 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, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted 6 months of when the production facilities are put in place, facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.

8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
9. At location #32-5-G, topsoil will be stockpiled between points 1 and 2.
10. At location #11-31-I, topsoil will be stockpiled between points 1 and 8.

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

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

Sincerely,

Byron K. Tolman acting

Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
JUL 6 1982
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California
Project Type Oil Well
Project Location 1976' FNL 1366' FEL Section 5, T.9 S., R. 16 E.
Well No. 32-5-G Lease No. U-30096
Date Project Submitted June 14, 1982

FIELD INSPECTION Date July 1, 1982

Field Inspection Participants
Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Bill Ryan - NGCC
Leonard Heeney and Earl Cady - Ross Construction
Dick Petras - Skewes Construction
Bob Cook - D.E. Casada Construction

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.

July 6, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

JUL 07 1982
Date

W.D. Martin FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

Proposed Actions :

NGCC plans to drill the # 32-5-6 well, a 6450' oil test of various formations.

An access road of 100 feet will be needed to reach the location. Minor upgrading to existing roads is planned mainly consisting of some crowning and ditching.

A pad 200' 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: July 1, 1982

Well No.: 32-5-6

Lease No.: V-30096

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Put Topsoil near Stake 1

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)

I thought existing road is about 50' further South than indicated in the layout diagram. North edge of pad and pit overlooks Wells Draw - just South far enough for it to not require a lined pit.

A state spacing letter is needed and has been sent
1366 ± 1320' FEL less than 200 feet away from 1/4 section line.

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	July 1, 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.*

Ten Point Plan
Pleasant Valley Prospect
NGC #32-5-G Federal
Section 5, T.9S., R.16E.
Duchesne County, Utah

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

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah Fm.	Surface	
Green River Fm	1655	4060
Oil Shale Facies	2269	3446
Delta Facies	3336	2379
Green Shale Marker	4388	1327
Black Shale Facies	5619	96
Green River Lime	6037	- 322
Wasatch	6225	- 510
T.D.	6450	- 735

3. Producing Formation Depth:
5500' - 6450'

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#, K-55	300'	New
7-7/8	5-1/2	17#, N-80	TD	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 under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 minutes 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>
0-300	8.5 - 9.0			Water/Gel
300-5500	8.5 - 9.0			Water/Gel
5500-T.D.	9.0 - 9.2	24 - 36	5 - 6	Brine/Polymer

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 anticipated.

b) Coring: one core in the Lower Green River formation.

c) Sampling: 10' samples taken by loggers from surface casing to T.D.

d) Logging:

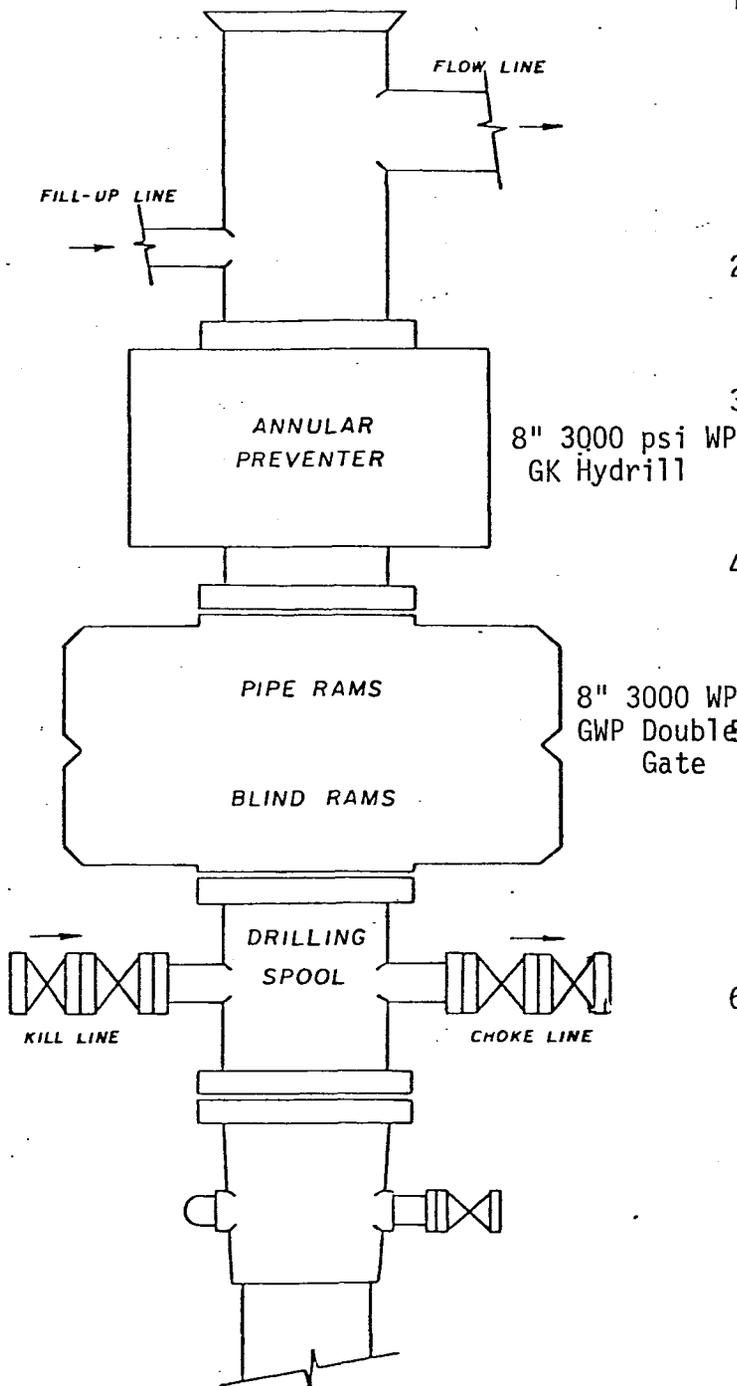
<u>Type</u>	<u>Interval</u>
DIL-GR-SP	Surface casing to T.D.
FDC-CNL-GR-SP-Cal	"
BHC-Sonic-GR-Cal	"
Sonic F-log on film	"

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

10. Drilling Schedule: Anticipated starting date - July 10, 1982 with duration of operations 15 days.

NATURAL GAS CORPORATION
 OF
 CALIFORNIA
 BOP AND PRESSURE CONTAINMENT DATA

NGC #32-5-G Federal
 Section 5, T.9S., R.16E.
 Duchesne County, UT



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 #32-5-G Federal

Section 5, T.9S., R.16E.

Duchesne County, Utah

1. EXISTING ROADS

See attached topographic map A .

To reach NGC Well #32-5-G Fed. proceed west from Myton, UT along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53; proceed south two miles to its junction with County Road #216; follow this road south and east approximately 4 miles. At this point turn west and south. Proceed 3.5 miles then turn south 1.5 miles. Turn west 1.5 miles. At this point the planned access road will start. At the present time, no construction is anticipated along any portion of the described road. Off lease right-of-ways will not be required as access to this point is under Right-of-way no. 50487.

2. PLANNED ACCESS ROAD

See attached topographic map B .

Proceed west 1.5 miles to the location. The first 3/4 of a mile of road will be along a two track, the last 3/4 miles is along a heavily used road, but will require ditches to be pulled. This portion of access is on NGC lease and will not require off lease 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 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 - None.

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

See attached letter agreement between Natural Gas Corporation of California and Uintah Basin Irrigation Company.

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 soil is a light sandy clay. The vegetative cover is 5-10% with the majority made up of sage brush.
- 2) The surface is owned by the Federal Government and administered by the Bureau of Land Management.
- 3) There are no occupied dwellings or other facilities including archaeological, historical or cultural sites near the proposed location. The nearest live water is the White River, nine miles to the southwest.
- 4) See the attached staking request.
- 5) No abnormal temperatures or pressure are anticipated on this well.
- 6) See the attached right-of-way.

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.

June 11, 1982
Date

William A. Ryan
William A. Ryan, Petroleum Engineer

PI
Attention

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Natural Gas Corporation of California

WELL NAME: 32-5G

SECTION SWNE 5 TOWNSHIP 9 S RANGE 16 E COUNTY Duchesne

DRILLING CONTRACTOR Olsen

RIG # 5

SPUDDED: DATE 7-19-82

TIME 8:00 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Karla

TELEPHONE # 789-4573

DATE 7-20-82 SIGNED 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: 1976' FNL, 1366' FEL, SW NE
AT TOP PROD. INTERVAL: Section 5, T.9S., R.16E.
AT TOTAL DEPTH:

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

5. LEASE
U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-5-G

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 5, T.9S., R.16E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30670

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5809' Un. Gr.

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 Spud Date			

(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 spud date of the subject well as 7/19/82 at 8 p.m. by Olsen Drilling Rig #5.

Spud date reported prally to Minerals Management Service, Salt Lake City, UT 7/20/82.

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 July 20, 1982

(This space for Federal or State office use)

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

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

NOTICE OF SPUD

Company: Natural Gas Corp. of California

Caller: Carla

Phone: 789-4573

Well Number: 32-5G

Location: SW NE 5-9S-14E

County: Mocheone State: Utah

Lease Number: 21-30096

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 7-19-82 8:00 PM

Dry Hole Spudder/Rotary: _____

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

Rotary Rig Name & Number: Dleen Drilling # 5

Approximate Date Rotary Moves In: 7-18-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: De Laiz

Date: 7-20-82

RECEIVED

JUL 21 1982

DIVISION OF
OIL, GAS & MINING

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

July 20, 1982

Mr. E. W. Gynn
Minerals Management Service
1745 West 1700 South, Suite 2000
Salt Lake City, UT 84104

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

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

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

Re: NGC #32-5-G Federal
SW NE Sec. 5, T.9S., R.16E.
Duchesne County, UT
Pleasant Valley area

Gentlemen:

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

Sincerely,

Rick Canterbury
Rick Canterbury
Associate Engineer

/kh

Attachment

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

RECEIVED
JUL 22 1982

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See Instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

3. NAME OF OPERATOR
Natural Gas Corporation of California

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

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1976' FNL, 1366' FEL, SW NE Section 5, T.9S., R.16E.

6. At top prod. interval reported below

7. At total depth

8. PERMIT NO. 43-013-30670 DATE ISSUED _____

9. DATE SPUNDED 7/19/82 10. DATE T.D. REACHED 7/30/82 11. DATE COMPL. (Ready to prod.) 11/14/82 12. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5809' GR 13. ELEV. CASING HEAD _____

14. TOTAL DEPTH, MD & TVD 6450 15. PLUG, BACK T.D., MD & TVD 6365 16. IF MULTIPLE COMPL., HOW MANY* _____ 17. INTERVALS DRILLED BY _____

18. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4352-6282

19. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, CNL-FDC, Proximity-Micro Log

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	310	12-1/4	165 sx surface	
5-1/2"	17#	6450	7-7/8	900 SX	

21. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

22. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5427	

23. PERFORATION RECORD (Interval, size and number)
6278-82 - 3 SPF - 13 holes
5092-95, 5137-38, 5172-75, 5354-57 - 1 SPF
4906-22, 4932-40 - 1 SPF-26 holes ---14 holes
4352-63 - 2 SPF - 23 holes
3738-52 - 3 SPF - 43 holes

24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
6278-82 1500 gal 15% acid
5092-5357 25 bbls KCL, 1000 gal 15% acid
4906-4940 45,100 gal fluid, 115,000# sand
37,190 gal fluid, 75,740# sand

25. PRODUCTION

26. DATE FIRST PRODUCTION 11/14/82 27. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 28. WELL STATUS (Producing or shut-in) Producing

29. DATE OF TEST 11/22/82 30. HOURS TESTED 24 31. CHOKER SIZE _____ 32. PROD'N. FOR TEST PERIOD _____ 33. OIL—BBL. 290 34. GAS—MCF. 115 35. WATER—BBL. 9 36. GAS-OIL RATIO _____

37. FLOW. TUBING PRESS. _____ 38. CASING PRESSURE 890 39. CALCULATED 24-HOUR RATE _____ 40. OIL—BBL. 290 41. GAS—MCF. 115 42. WATER—BBL. 9 43. OIL GRAVITY-API (CORR.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel 35. TEST WITNESSED BY Boyd Snow

35. LIST OF ATTACHMENTS

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

SIGNED W^m Ryan TITLE Petroleum Engineer DATE 12/28/82

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

7

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.
32-5-G

10. FIELD AND POOL, OR WILDCAT
Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 5, T.9S., R.16E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

25. WAS DIRECTIONAL SURVEY MADE
No

27. WAS WELL CORED
Yes

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 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 83. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
87. 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 PRESSURE, AND RECOVERIES			
88. GEOLOGIC MARKERS			
NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Green River	1774'		
Oil Shale Facies	2387'		
Delta Facies	3452'		
Green Shale			
Marker	4498'		
Black Shale Fac.	5729'		
Green River Lime	6210'		
Wasatch	6406'		
T.D.	6450'		

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NATURAL GAS CORPORATION OF CALIFORNIA

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

December 29, 1982

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

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

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

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

Re: NGC #32-5-G Federal
SW NE Sec. 5, T.9S., R.16E.
Duchesne County, UT
Pleasant Valley area

Gentlemen:

Attached are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the subject well.

Yours truly,

William Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
D. McGinley
R. Boschee
E. R. Henry
M. L. Clarke
J. M. Kunz
S. Furtado
I. Chai

RECEIVED
DEC 30 1982
NATURAL GAS CORPORATION
SALT LAKE CITY, UT

21

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

RECEIVED
OCT 10 1953

DIVISION OF
OIL, GAS & MINING

CORE ANALYSIS REPORT

FOR

NATURAL GAS CORP. OF CALIF.

32-56 FEDERAL
PLEASANT VALLEY
DUCHESNE, UTAH

CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

NATURAL GAS CORP. OF CALIF.
 32-5G FEDERAL
 PLEASANT VALLEY
 DUCHESNE, UTAH

DATE : 2-AUG-82
 FORMATION :
 DRLG. FLUID: WATER BASE MUD
 LOCATION : SW NE SEC 5, T9S, R16E

FILE NO : 3804-6391
 ANALYSTS : T.C.
 ELEVATION:

SIDEWALL CORE ANALYSIS 32-5

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. FLI	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
1	3738.0			2.0			SS, DKGY VFG SHY
2	3754.0			2.1			SS, DKGY VFG SHY
3	4192.0			0.7			SS, GY VF-FG
4	4196.0			4.4			SS, GY VF-FG
5	4352.0			2.6			SH, BLK
6	4356.0			1.9			SH, BLK
7	4362.0			2.2			SH, BLK
8	4364.0			4.6			SH, BLK
9	4906.0			2.6			SS, DKGY VF-FG
10	4910.0	0.80	15.4	4.1	63.6		SS, DKGY VF-FG SL/SHY
11	4916.0	1.80	18.7	16.6	32.0		SS, DKGY VF-FG
12	4920.0	1.00	17.2	19.2	37.8	2.62	SS, DKGY VF-FG SL/SHY
13	4925.0	0.90	16.4	18.3	56.7		SS, DKGY VF-FG SL/SHY
14	4930.0			0.3			SS, DKGY VF-FG
15	4934.0	0.70	15.8	1.5	40.1		SS, DKGY VF-FG
16	4940.0	0.40	13.1	2.3	66.4		SS, DKGY VF-FG
17	4946.0	0.50	14.6	22.6	45.2	2.56	SS, DKGY VF-FG SHY
18	5174.0			4.3			SH, BLK
19	5176.0			0.6			SH, BLK
20	5885.0	0.30	12.0	5.8	63.0		SS, GY VF-FG

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

Natural Gas
Corporation of
California

December 6, 1983

Chief, Branch of Fluid Minerals
Bureau of Land Management
University Club Building
136 East South Temple
Salt Lake City, UT 84111

Mr. Sam Boltz, Jr.
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

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

Re: NGC #32-5-G Federal
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5, T.9S., R.16E.
Duchesne County, Utah
Pleasant Valley area

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Request for approval to build a road, for the subject well.

Sincerely,

William Ryan

William A. Ryan

/kh

Attachment

cc: Operations
C. T. Clark - Cover letter only
E. R. Henry
S. Furtado

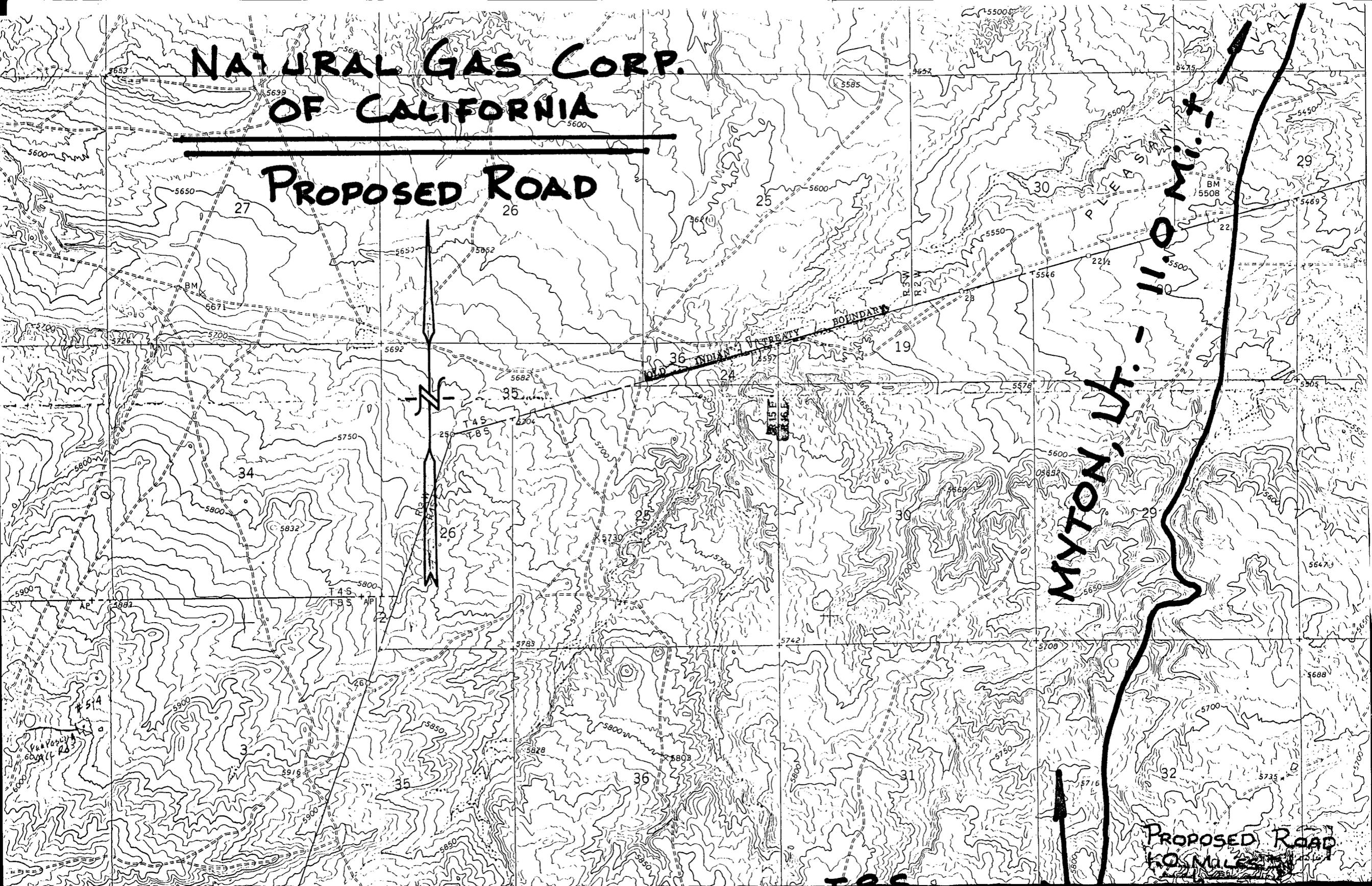
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DEC 8 1983

NATURAL GAS CORP. OF CALIFORNIA

PROPOSED ROAD

MYTON, UT. - 110 Miles

PROPOSED ROAD
KOSNALES



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: 1976' FNL, 1366' FEL SW $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL: Section 5, T.9S., R.16E.
AT TOTAL DEPTH:

5. LEASE
U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-5-G

10. FIELD OR WILDCAT NAME
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 5, T.9S., R.16E.

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

14. API NO.
43-013-30670

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5809'

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) Build road	<input checked="" type="checkbox"/>		<input type="checkbox"/>

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

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

Operator requests permission to build an on-lease road between the subject well and Well #21-5-G. This road would be built as a joint project between Natural Gas Corporation of California and Lomax Exploration. The road would eliminate approximately 18 miles of backtracking for pumpers, gaugers, and service companies working on both NGC and Lomax wells.

Natural Gas Corporation also has a gathering line between 32-5-G and 21-5-G. This line has a drip at the bottom of the wash. Preliminary tests indicate 10 plus gallons of drip per day could be collected and stored at this point, if a road were constructed.

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

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

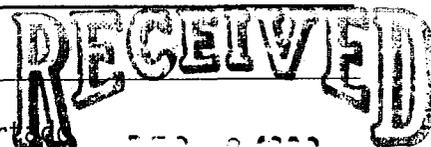
SIGNED William A. Ryan TITLE _____ DATE December 6, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: BLM; Div. OG&M; Chorney; Operations; ERHenry; SFurt



DEC 6 1983

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 32-5-G

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Sec. 5, T.9S., R.16E.

14. PERMIT NO.

43-013-3670

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

5809'

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANE

(Other) _____

(Other) Request Temporary Surface Pit X

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

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

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan
William A. Ryan

TITLE Petroleum Engineer

DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

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

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

DATE: 12/20/84
BY: Sh. P. B...

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

17
EA.

101535

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Natural Gas Corporation of California		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. See attached list	
4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations. See also space 17 below.) At surface		10. FIELD AND POOL, OR WILDCAT Pleasant Valley area	
14. PERMIT NO.		13. STATE Utah	
15. ELEVATIONS (Show whether DP, RT, GR, etc.)		12. COUNTY OR PARISH	

RECEIVED
OCT 08 1986
DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) Venting Gas <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Operator advises that due to contractual problems with pipeline companies and FERC, 15 of our Pleasant Valley wells began venting gas September 26, 1986. At that time we began testing to determine the amount of gas being vented at each well.

October 4, 1986 we were notified that these wells could go back on production. All wells are currently on production and venting has ceased.

Attached is a list of these wells.

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

SIGNED Eric F. Hadsett TITLE Lead Engineer DATE October 6, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Natural Gas
Corporation of
California

RECEIVED
OCT 08 1986

DIVISION OF
OIL, GAS & MINING

October 6, 1986

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Gas Sales to Pipeline
Pleasant Valley Field

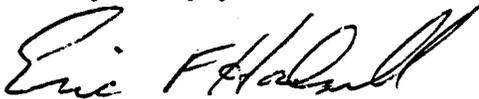
Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notifying you that 15 of our Pleasant Valley wells were venting gas from September 26, 1986 to October 4, 1986. All 15 wells as listed below are currently producing to Mountain Fuel's gas gathering system.

Lease #U-30096	32-5-G, 21-5-G, 12-4-G, & 42-4-G
Lease #U-10760	12-8-H, 31-8-H, 41-8-H, & 42-8-H
Lease #U-50750	11-9-H, 12-9-H, & 22-9-H
Lease #U-30688	33-34-D
Lease #U-45031	42-34-D & 43-34-D
Lease #U-49430	13-35-D

If you have any questions, please contact our Vernal office.

Very truly yours,



Eric F. Hadsell
Lead Engineer

/KH

cc: Operations
S. Furtado (Room 1449)
L. Jorgensen (Room 1412)
Files



**Jeico
Chemicals,
Inc.**

A Procter & Gamble Co.

P.O. BOX 1898
OFFICE: 214/872-3011

CORSICANA, TEXAS 75110
PLANT: 214/874-3706
(U.S.): 800/527-2510

TWX: 910/860-5100
(TX.) 800/442-6261

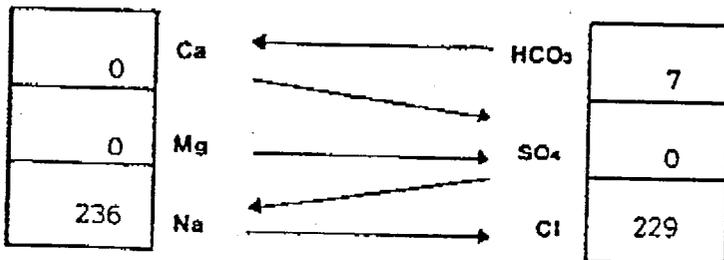
WATER ANALYSIS REPORT

COMPANY N.G.C. Corp. ADDRESS Vernal, UT 84078 DATE: 1-22-88
SOURCE 32-5G DATE SAMPLED 1-20-88 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. pH	8.8	
2. H ₂ S (Qualitative)	0	
3. Specific Gravity	1.007	
4. Dissolved Solids	13,932	
5. Suspended Solids		
6. Anaerobic Bacterial Count	C/MI	
7. (Phenolphthalein) Alkalinity (CO ₃)		
8. (Methyl Orange) Alkalinity (HCO ₃)	350	
9. Bicarbonate (HCO ₃)	HCO ₃ 427	+61 7 HCO ₃
10. Sulfates (SO ₄)	SO ₄ 0	+48 0 Cl
11. Chlorides (Cl)	Cl 8,142	+35.5 229 SO ₄
12. Calcium (Ca)	Ca 2	+20 0 Ca
13. Magnesium (Mg)	Mg 71	+12.2 6 Mg
14. Total Hardness (CaCO ₃)	300	
15. Total Iron (Fe)	12	
16. Barium (Ba)		
17. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		6		439
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		1		84
Na SO ₄	71.03		0		
Na Cl	58.46		229		13,387

Saturation Values	Distilled Water 20°C
Ca CO ₃	13Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

7

5. LEASE DESIGNATION AND SERIAL NO.

U-30096 **POW-GRU**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

32-5-G

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Sec 5, T9S, R16E

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
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.*
See also space 17 below.)
At surface

1976' FNL 1366' FEL SW $\frac{1}{4}$ NE $\frac{1}{4}$

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.)

43-013-~~3670~~ 30670 5809'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	Vent Gas <input checked="" type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 43 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 90 days.

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

SIGNED *Christ M. Hedden* TITLE Production Supt. DATE 3/29/88

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Natural Gas
Corporation of
California

RECEIVED
MAR 31 1988

March 29, 1988

DIVISION OF
OIL, GAS & MINING

040704

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Report of Vented Gas at Pleasant Valley and Glen Bench

Gentlemen,

We are presently unable to sell our casinghead gas from the wells listed below because of problems with Amsel's gathering system that are preventing it from operating. As a result we are having to vent gas from these wells and they were recently tested at the following volumes:

Pleasant Valley #21-5-G	26 MCFD
Pleasant Valley #32-5-G	43 MCFD
Pleasant Valley #12-4-G	10 MCFD
Pleasant Valley #42-4-G	73 MCFD
Pleasant Valley #22-9-H	26 MCFD
Pleasant Valley #11-9-H	43 MCFD
Pleasant Valley #41-8-H	43 MCFD
Pleasant Valley #42-8-H	17 MCFD
Pleasant Valley #31-8-H	21 MCFD
Pleasant Valley #12-8-H	14 MCFD
Pleasant Valley #12-9-H	26 MCFD

Not venting the gas would be severely detrimental to our oil production so we request approval to continue to vent these amounts while the Amsel gathering system is inoperable.

In addition, due to the small and declining gas volumes from all of our Glen Bench and Pleasant Valley oil wells, we request approval to alter our testing schedule from monthly to yearly. We feel this would provide sufficient information on these low gas-oil ratio wells.

Sincerely,

Mike McMican

Mike McMican
Petroleum Engineer

MM/cw

Attachments

cc: S. Furtado (Rm 1458); L. Jorgensen (Rm 1433); W.G. Paulsell (Rm 1428)

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

PLEASANT VALLEY WELLS VENTING GAS

WELL	LOCATION	COUNTY	LEASE NO.
32-5G	SW/NE Sec. 5, T9S, R16E	Duchesne	U-30096
21-5G	NE/NW Sec. 5, T9S, R16E	Duchesne	U-30096
12-4G	SW/NW Sec. 4, T9S, R16E	Duchesne	U-30096
42-4G	SE/NE Sec. 4, T9S, R16E	Duchesne	U-30096
12-8H	SW/NW Sec. 8, T9S, R17E	Duchesne	U-10760
31-8H	NW/NE Sec. 8, T9S, R17E	Duchesne	U-10760
41-8H	NE/NE Sec. 8, T9S, R17E	Duchesne	U-10760
42-8H	SE/NE Sec. 8, T9S, R17E	Duchesne	U-10760
11-9H	NW/NW Sec. 9, T9S, R17E	Duchesne	U-50750
12-9H	SW/NW Sec. 9, T9S, R17E	Duchesne	U-50750
22-9H	SE/NW Sec. 9, T9S, R17E	Duchesne	U-50750
33-34D	NW/SE Sec. 34, T8S, R18E	Uintah	U-30688
42-34D	SE/NE Sec. 34, T8S, R18E	Uintah	U-45031
43-34D	SE/NE Sec. 34, T8S, R18E	Uintah	U-45031
13-35D	NW/SW Sec. 35, T8S, R18E	Uintah	U-49430

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Natural Gas Corporation of California		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. 32-5-G	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1976' FNL 1366' FEL SW NE		10. FIELD AND POOL, OR WILDCAT Pleasant Valley	
14. PERMIT NO. <u>30670</u> 43-013-3670		15. ELEVATIONS (Show whether DT, RT, GR, etc.) 5809'	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 5, T9S, R16E	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

RECEIVED
JUL 11 1988

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____	Vent Gas <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 49 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

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

SIGNED Clarett M. Reddick TITLE Production Supt. DATE 7/6 /88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:
Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8-8-88
BY: John R. Dyer

*See Instructions on Reverse Side

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

WELL INSPECTION RECORD

NAME OF COMPANY: NATURAL GAS CORPORATION.

WELL NAME: # 32=5-G FEDERAL

SECTION: 5 TOWNSHIP: 9 S - RANGE: 16 E COUNTY: DUCHESNE

DATE: Nov. 3 19 83 LOCATION INSPECTED

TOTAL DEPTH: 6450 AT TIME OF VISIT

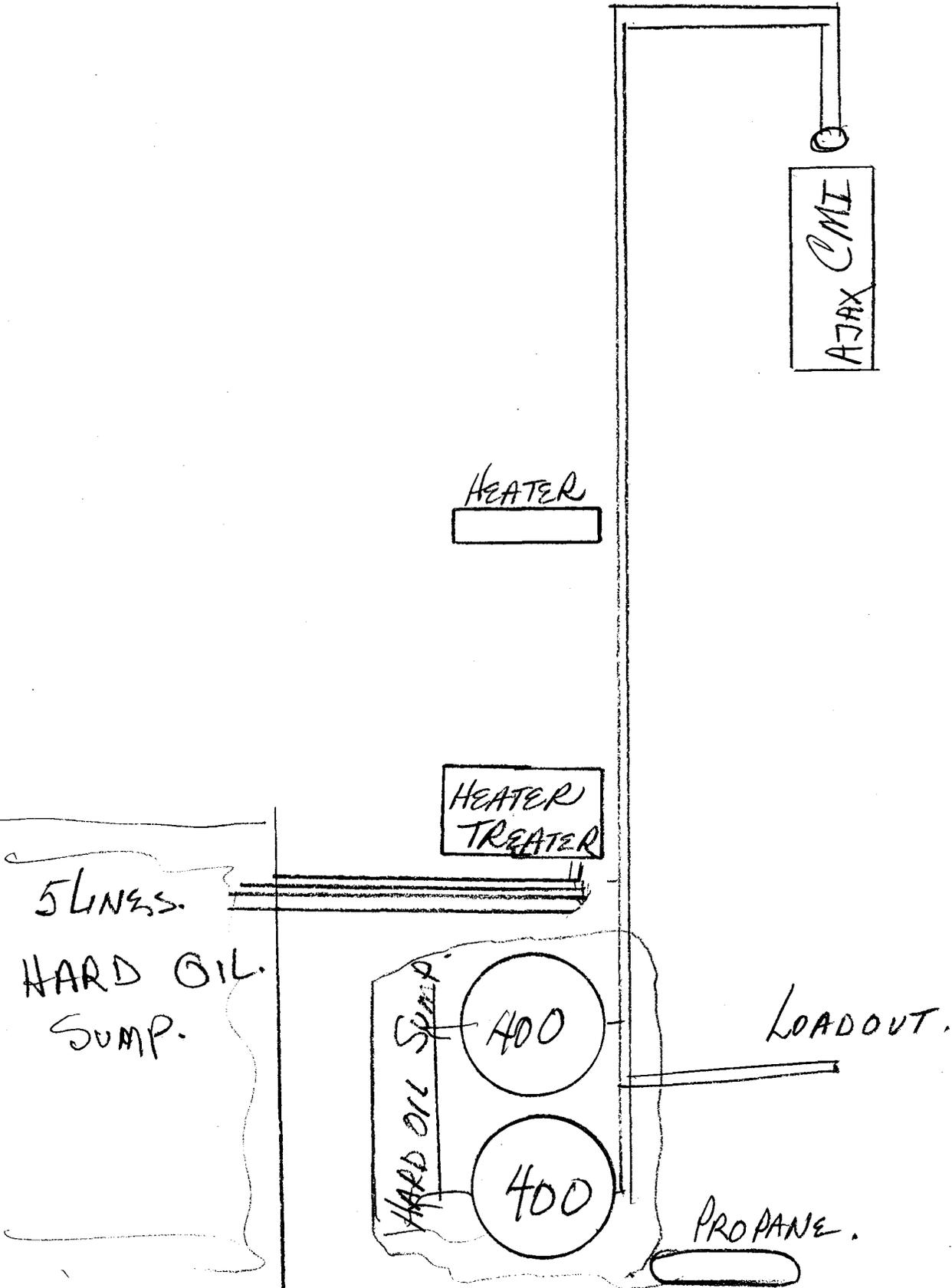
NAME OF DRILLING CONTRACTOR: _____

RIG NUMBER: _____

COMMENTS:

Equipment: an American Pumpjet, Ajax engine, 2 400 barrel tanks, an Orange
2 inch polyethylene line carries gas from the well to the main line.. 1 propane tank

DATE: Nov 10 1983 SIGNED: Jean-Louis Boute
SEND TYPED COPY TO COMPANY: YES _____ NO _____



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

WELL INSPECTION RECORD

NAME OF COMPANY: NATURAL GAS CORPORATION

WELL NAME: # 32=5=G Federal

SECTION: # 5 TOWNSHIP: 9 S - RANGE: 16 E COUNTY: DUCHESNE

DATE: Oct 20 1983 LOCATION INSPECTED

TOTAL DEPTH: _____ AT TIME OF VISIT

NAME OF DRILLING CONTRACTOR: _____

RIG NUMBER: _____

COMMENTS:

AMERICAN PUMPER, AJAX ENGINE, Large Horizontal Heater Treater; with sump behind.
2 400 barrel tanks, bermed and with a sump behind it. all fenced off.
There was some hard oil, Some gas smell but no visible fumes, This is on the
Gas pipeline, and there should be no waste of the resource
The big sump has 1 to 2 inch of hard oil in it, 1/2" ~~set~~ of water.

There is a 4 1/2 inch steel line coming in from the South, belongs to Natural Gas Corp
of Big Piney Wyoming. 801-789 4573 in Vernal. also 307 - 276-3986 Big Piney
They are feeding a 2 inch orange Polyethylene line into the steel line...

DATE: _____ SIGNED: _____

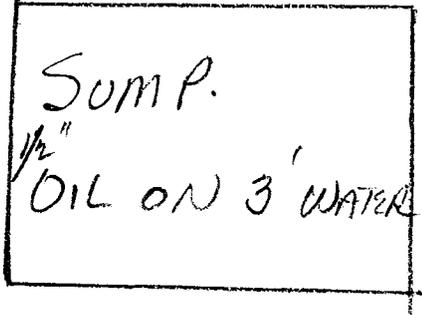
SEND TYPED COPY TO COMPANY: YES _____ NO _____

PROPANE.

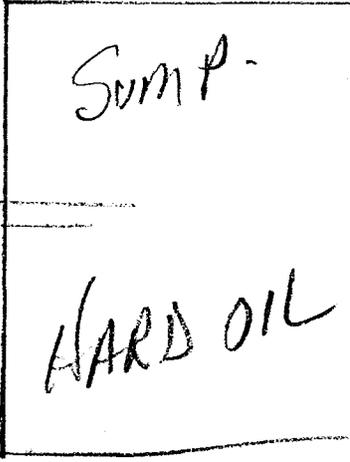


LOADOUT.

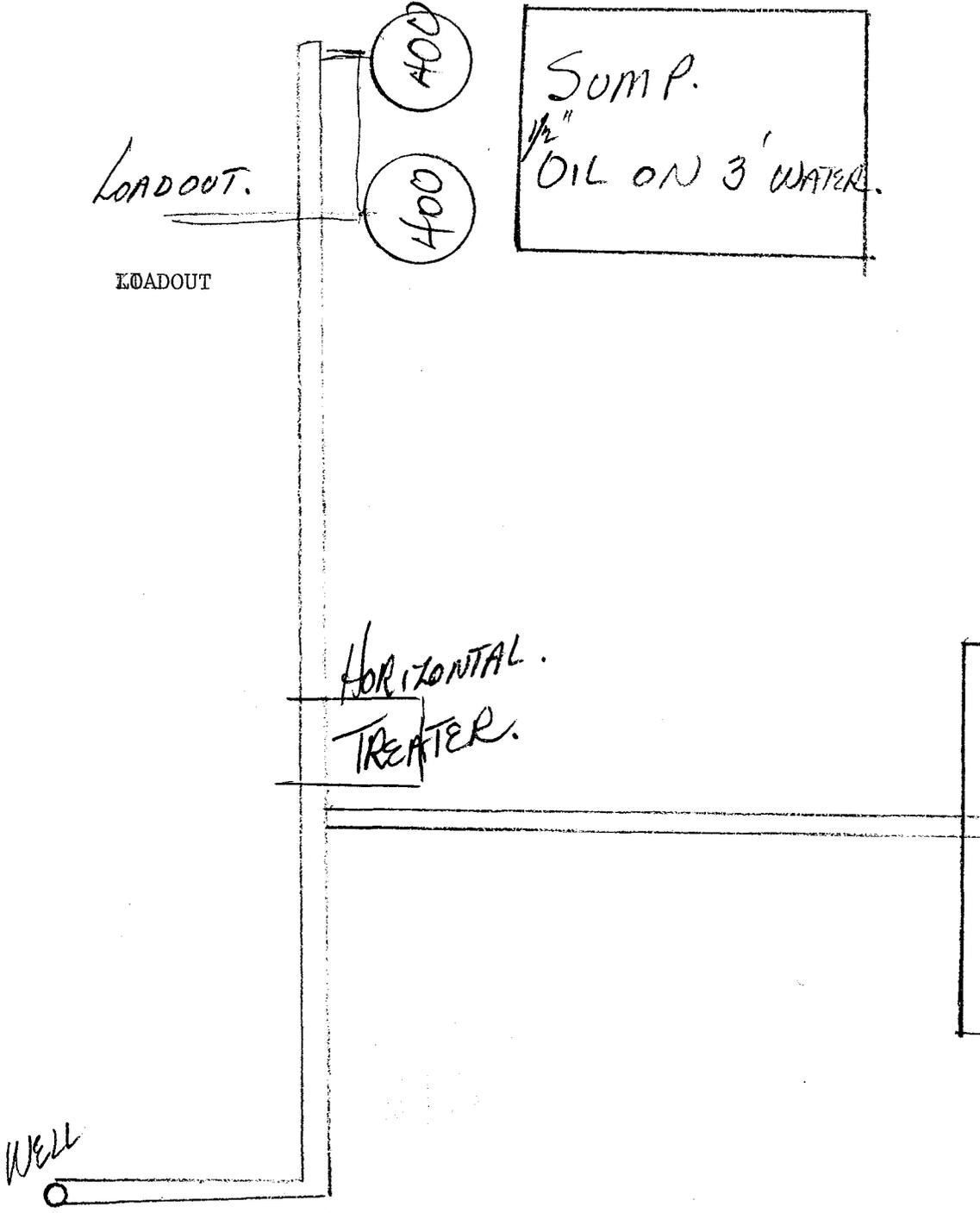
LOADOUT



HORIZONTAL.
TREATER.



WELL



UTAH STATE
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

INSPECTION RECORD-- PRODUCING

T. 9s R. 16e SEC. 5
1/4-1/4 Sw Ne
 COUNTY Duchesne
 FIELD Pleasant Valley
 INSPECTOR Thompson/Goodwin
 INC ISSUED _____

WELL NAME Fed 32-5-G
 LEASE NO. U-30096
 UNIT NAME & NO. _____
 OPERATOR Nat. Gas Corp.
 DATE 1/11/84

A. GENERAL

	YES	NO	NA	IN	EN
1. Well Signs.....	<input checked="" type="checkbox"/>				
2. Well Equipment Satisfactory.....	<input checked="" type="checkbox"/>				
3. Environmental Protection Satisfactory: (fire hazards)(erosion)(air)(water)(solid waste) (biota).....	<input checked="" type="checkbox"/>				W
4. Temporary or Emergency Pits Satisfactory.....	<input checked="" type="checkbox"/>				W
5. Lease Free of Evidence of Spills/Discharge/ Seepage.....	<input checked="" type="checkbox"/>				W
6. Dikes Around Tanks, If Required.....					W
7. Flow Lines Buried, if Required.....					W
8. All Surface Use Approved and Not Excessive.....					W
9. Does Current 9-329 Confirm Reasonableness of: a. Production vs. Sales.....					
b. Tank Capacity vs. Inventory.....					
c. Reported Well Status vs. Actual.....					

B. LIQUID HYDROCARBON PRODUCTION

10. Method of Measurement: (A) LACT Meter; (B) Tank Gauge; (C) Other <u>A B C</u>					
11. Method of Measurement Satisfactory.....	<input checked="" type="checkbox"/>				W
12. Liquid Handling Equipment Satisfactory.....	<input checked="" type="checkbox"/>				W
13. All Lines Leaving Tankage Sealed/Locked.....	<input checked="" type="checkbox"/>				W
14. Production Stored on Lease, if Required.....	<input checked="" type="checkbox"/>				W
15. Production Measured on Lease, if Required.....	<input checked="" type="checkbox"/>				W
16. Commingling as Approved.....					W

C. NATURAL GAS PRODUCTION

17. Type of Gas Production: (A) Gas Well; (B) Casinghead..... <u>A B</u>					
18. Gas Disposition: (A) Sold; (B) Flared/Vented; (C) Used on Lease; (D) Other..... <u>A B C D</u>					
19. Method of Measurement: (A) Orifice Meter; (B) Turbine Meter; (C) Estimated; (D) Other..... <u>A B C D</u>					
20. Method of Measurement Satisfactory.....	<input checked="" type="checkbox"/>				W
21. Gas Handling/Treating Equipment Satisfactory.....	<input checked="" type="checkbox"/>				W
22. Production Measured on Lease, if Required.....	<input checked="" type="checkbox"/>				W
23. Liquids Collected From Drips, if Required.....					W

D. WATER DISPOSAL

24. Disposal Method: (A) Unlined Pit; (B) Lined Pit; (C) Subsurface; (D) Other..... <u>A B C D</u>					
25. If Disposal by Pits, are Pits Satisfactory.....	<input checked="" type="checkbox"/>				W
26. Additional Disposal Facilities Satisfactory.....					W

E. HYDROGEN SULFIDE OPERATIONS

27. Are Tank Batteries Properly Equipped.....					W
28. Are Warning Signs Properly Installed.....					W
29. If Required, is the Contingency Plan Available....					W
30. Are Personnel Properly Protected.....					W

(S) Shut-in (W) Formal Warning (I) Informal Warning

LEASE REQUIREMENTS

- (4.) Emergency Pits Approved _____
 (6.) Are Dikes Around Tanks Required?
 Yes _____ No _____
 (7.) Is Burial of Flow Lines Required?
 Yes _____ No _____

SALES APPROVAL INFORMATION:

- OIL:
 (10.) Sale by LACT Unit Approval _____
 (11.) Seals on All Tank Access Lines
 Required? Yes No _____
 (14.) On Lease Storage Approval _____
 Off-Lease Storage Approval _____
 If Off Lease - Measurement Is:
 (15.) Off Lease On Lease
 (16.) Commingling: Not Approved
 On Lease Approval _____
 Off Lease Approval _____

GAS:

- (13.) Special Restrictions Applicable
 Yes _____ No _____
 (22.) On Lease Sales Approval _____
 (22.) Off Lease Sales Approval _____
 (23.) Liquid Collection From Drips
 Required? Yes _____ No _____

OTHER REQUIREMENTS

- (24.) NTL-2B Not Applicable
 Applicable Approval _____
 Hydrogen Sulfide Operations:
 Analysis:
 Gas Screen _____ PPM
 STV _____ PPM
 (29.) Is a Contingency Plan Required?
 Yes _____ No _____

REMARKS This well is pumping
 location is ok.

011488C^P

UTAH STATE
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

INSPECTION RECORD -- PRODUCING

T. 95 R. 16E SEC. 6
1/2-1/2
COUNTY Duchesne
FIELD _____
INSPECTOR Goodwin
INC ISSUED _____

WELL NAME 32-5-G-Fed 30670
LEASE NO. U-30096
UNIT NAME & NO. _____
OPERATOR N.G. Corp.
DATE 3-5-84

A. GENERAL

	YES	NO	I	W	N	W
1. Well Signs.....	✓					
2. Well Equipment Satisfactory.....						
3. Environmental Protection Satisfactory: (fire hazards)(erosion)(air)(water)(solid waste) (biota).....		X				W
4. Temporary or Emergency Pits Satisfactory.....	✓					W
5. Lease Free of Evidence of Spills/Discharge/ Seepage.....		X				W
6. Dikes Around Tanks, if Required.....	✓					W
7. Flow Lines Buried, if Required.....		X				W
8. All Surface Use Approved and Not Excessive.....	✓					W
9. Does Current 9-329 Confirm Reasonableness of: a. Production vs. Sales.....						
b. Tank Capacity vs. Inventory.....						
c. Reported Well Status vs. Actual.....						

B. LIQUID HYDROCARBON PRODUCTION

10. Method of Measurement: (A) LACT Meter; (B) Tank Gauge; (C) Other: <u>A B C</u>						
11. Method of Measurement Satisfactory.....	✓					W
12. Liquid Handling Equipment Satisfactory.....	✓					W
13. All Lines Leaving Tankage Sealed/Locked.....		X				W
14. Production Stored on Lease, if Required.....	✓					W
15. Production Measured on Lease, if Required.....	✓					W
16. Commingling as Approved.....						W

C. NATURAL GAS PRODUCTION

17. Type of Gas Production: (A) Gas Well; (B) Casinghead..... <u>A B</u>						
18. Gas Disposition: (A) Sold; (B) Flared/Vented; (C) Used on Lease; (D) Other..... <u>A B C D</u>						
19. Method of Measurement: (A) Orifice Meter; (B) Turbine Meter; (C) Estimated; (D) Other..... <u>A B C D</u>						
20. Method of Measurement Satisfactory.....	✓					W
21. Gas Handling/Treating Equipment Satisfactory.....	✓					W
22. Production Measured on Lease, if Required.....	✓					W
23. Liquids Collected From Drips, if Required.....						W

D. WATER DISPOSAL

24. Disposal Method: (A) Unlined Pit; (B) Lined Pit; (C) Subsurface; (D) Other..... <u>A B C D</u>						
25. If Disposal by Pits, are Pits Satisfactory.....	✓					W
26. Additional Disposal Facilities Satisfactory.....	✓					W

E. HYDROGEN SULFIDE OPERATIONS

27. Are Tank Batteries Properly Equipped.....						W
28. Are Warning Signs Properly Installed.....						W
29. If Required, is the Contingency Plan Available....						W
30. Are Personnel Properly Protected.....						W

(S) Shut-in (W) Formal Warning (I) Informal Warning

LEASE REQUIREMENTS

- (4.) Emergency Pits Approved _____
- (b.) Are Dikes Around Tanks Required?
Yes _____ No _____
- (7.) Is Burial of Flow Lines Required?
Yes _____ No _____

SALES APPROVAL INFORMATION:

- OIL:
- (10.) Sale by LACT Unit Approval _____
 - (13.) Seals on All Tank Access Lines Required? Yes No _____
 - (14.) On Lease Storage Approved _____
Off-Lease Storage Approved _____
If Off Lease - Measurement is: _____
 - (15.) Off Lease On Lease
 - (16.) Commingling: Not Approved
On Lease Approval _____
Off Lease Approval _____

GAS:

- (13.) Special Restrictions Applicable
Yes _____ No _____
- (22.) On Lease Sales
- (22.) Off Lease Sales Approval _____
- (23.) Liquid Collection From Drips Required? Yes _____ No _____

OTHER REQUIREMENTS

- (24.) NTL-2B Not Applicable
Applicable Approval _____
- Hydrogen Sulfide Operations:
Analysis:
Gas Screen _____ PPM
STV _____ PPM
- (29.) Is a Contingency Plan Required?
Yes _____ No _____

REMARKS Pumping well
Gas is metered + sold
on lease but still venting
to road
road line not sealed
& has oil spill 1/2 bbls
@ end of road line

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

OPERATOR N.G.C. LEASE U-30096
 WELL NO. 32-5-6 API 43-013-30670
 SEC. 5 T. 9S R. 16E CONTRACTOR _____
 COUNTY Duchesne FIELD Monument Bu He

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> MARKER	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> REHAB.	<input type="checkbox"/> OTHER
---------------------------------	---------------------------------------	---------------------------------	--------------------------------

PRODUCTION: POW

<input checked="" type="checkbox"/> WELL SIGN	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> EQUIPMENT*	<input checked="" type="checkbox"/> FACILITIES*
<input checked="" type="checkbox"/> METERING*	<input checked="" type="checkbox"/> POLL. CONTROL	<input checked="" type="checkbox"/> PITS	<input checked="" type="checkbox"/> DISPOSAL
<input checked="" type="checkbox"/> SECURITY	<input checked="" type="checkbox"/> SAFETY	<input checked="" type="checkbox"/> OTHER	

GAS DISPOSITION:

<input checked="" type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> SOLD	<input checked="" type="checkbox"/> LEASE USE
---	-------------------------------	---

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

*FACILITIES INSPECTED: Tank dike and sealed, pit ok.

REMARKS: Venting in 100mc F/D, due to compressor down.

ACTION: _____

INSPECTOR: Wm Moore DATE 2-12-86

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



OPERATOR N.G.C. Energy Co LEASE U-30096
WELL NO. NGC-#32-5-6 Fed API 43-013-30670
SW/NE SEC. 5 T. 9S R. 16E CONTRACTOR _____
COUNTY Duchesne FIELD Monument Butte

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :
 WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY
 OTHER

ABANDONED:
 MARKER HOUSEKEEPING REHAB. OTHER

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

GAS DISPOSITION:
 VENTED/FLARED SCLD LEASE USE

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

*FACILITIES INSPECTED: location, wellhead, tank battery, pits,

REMARKS: everything O.k.

ACTION: _____

INSPECTOR: JB/CG DATE 9/7/88

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

OPERATOR: NATURAL GAS CORP OF CA LEASE: U-30096
WELL NAME: NGC FED 32-5G API: 43-013-30670
SEC/TWP/RNG: 05 09.0 S 16.0 E CONTRACTOR:
COUNTY: DUCHESNE FIELD NAME: MONUMENT BUTTE

DRILLING/COMPLETION/WORKOVER:

APD WELL SIGN HOUSEKEEPING BOPE
 SAFETY POLLUTION CNTL SURFACE USE PITS
 OPERATIONS OTHER

SHUT-IN / TA :

WELL SIGN HOUSEKEEPING EQUIPMENT * SAFETY
 OTHER

ABANDONED:

MARKER HOUSEKEEPING REHAB OTHER

PRODUCTION:

WELL SIGN HOUSEKEEPING EQUIPMENT * FACILITIES *
 METERING * POLLUTION CNTL PITS DISPOSAL
 SECURITY SAFETY OTHER

GAS DISPOSITION:

VENTED/FLARED SOLD LEASE USE

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

BEAMPUMP, TANK BATTERY, 2 PRODUCTION TANKS.

REMARKS:

OIL WELL - PUMPING, PITS ARE FENCED - HAVE A LITTLE OIL, GAS METER ON LOC.

ACTION:

INSPECTOR: ED DEPUTY

DATE: 02/18/87

Natural Gas
Corporation of
California

RECEIVED
JUL 11 1988

Suspense
SLS
11-8-88

DIVISION OF
OIL, GAS & MINING

July 7, 1988

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Report of Vented Gas at Pleasant Valley and Glen Bench

Gentlemen,

We are presently unable to sell our casinghead gas from the wells listed below because of problems with Amsel's gathering system that are preventing it from operating. As a result we are having to vent gas from these wells and they were recently tested at the following volumes:

Pleasant Valley #21-5-G	40 MCFD
Pleasant Valley #32-5-G	49 MCFD
Pleasant Valley #12-4-G	22 MCFD ✓
Pleasant Valley #42-4-G	139 MCFD
Pleasant Valley #22-9-H	56 MCFD
Pleasant Valley #11-9-H	72 MCFD
Pleasant Valley #41-8-H	54 MCFD
Pleasant Valley #42-8-H	28 MCFD
Pleasant Valley #31-8-H	29 MCFD
Pleasant Valley #12-8-H	18 MCFD ✓

Not venting the gas would be severely detrimental to our oil production so we request approval to continue to vent these amounts while the Amsel gathering system is inoperable.

In addition, due to the small and declining gas volumes from all of our Glen Bench and Pleasant Valley oil wells, we request approval to alter our testing schedule from monthly to yearly. We feel this would provide sufficient information on these low gas-oil ratio wells.

Sincerely,

Mike McMican

Mike McMican
Petroleum Engineer

MM/cw

Attachments

cc: S. Furtado (Rm 1458); L. Jorgensen (Rm 1433); W.G. Paulsell (Rm 1428)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Natural Gas Corporation of California		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. 32-5-G	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1976' FNL 1366' FEL SW NE		10. FIELD AND POOL, OR WILDCAT Pleasant Valley	
14. PERMIT NO. <u>30670</u> 43-013-3670		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5809'	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

RECEIVED
JUL 11 1988
DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Vent Gas <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 49 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

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

SIGNED Clayton M. Hedden TITLE Production Supt. DATE 7/6/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

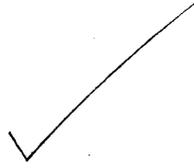
ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 8-8-88

BY: John R. Day

*See Instructions on Reverse Side

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



OPERATOR N.G.C. LEASE Federal
WELL NO. # 32-5-6. API 43-013-30670
SEC. 5 T. 9S R. 16E CONTRACTOR _____
COUNTY Duchesne FIELD Monument Butte

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:

MARKER HOUSEKEEPING REHAB. OTHER

PRODUCTION:

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

STATUS DISPOSITION:

VENTED/FLARED SOLD LEASE USE

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

*FACILITIES INSPECTED: location, wellhead, pumpjack, pits,
tanks, propane tank.

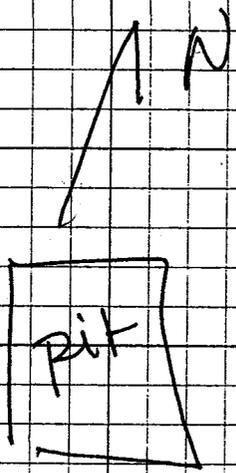
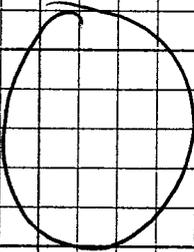
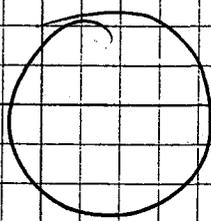
REMARKS: ok

ACTION: _____

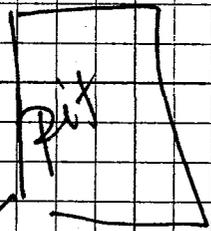
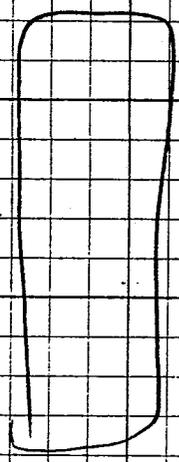
INSPECTOR: GARY GARNER DATE 3/1/89

Propane

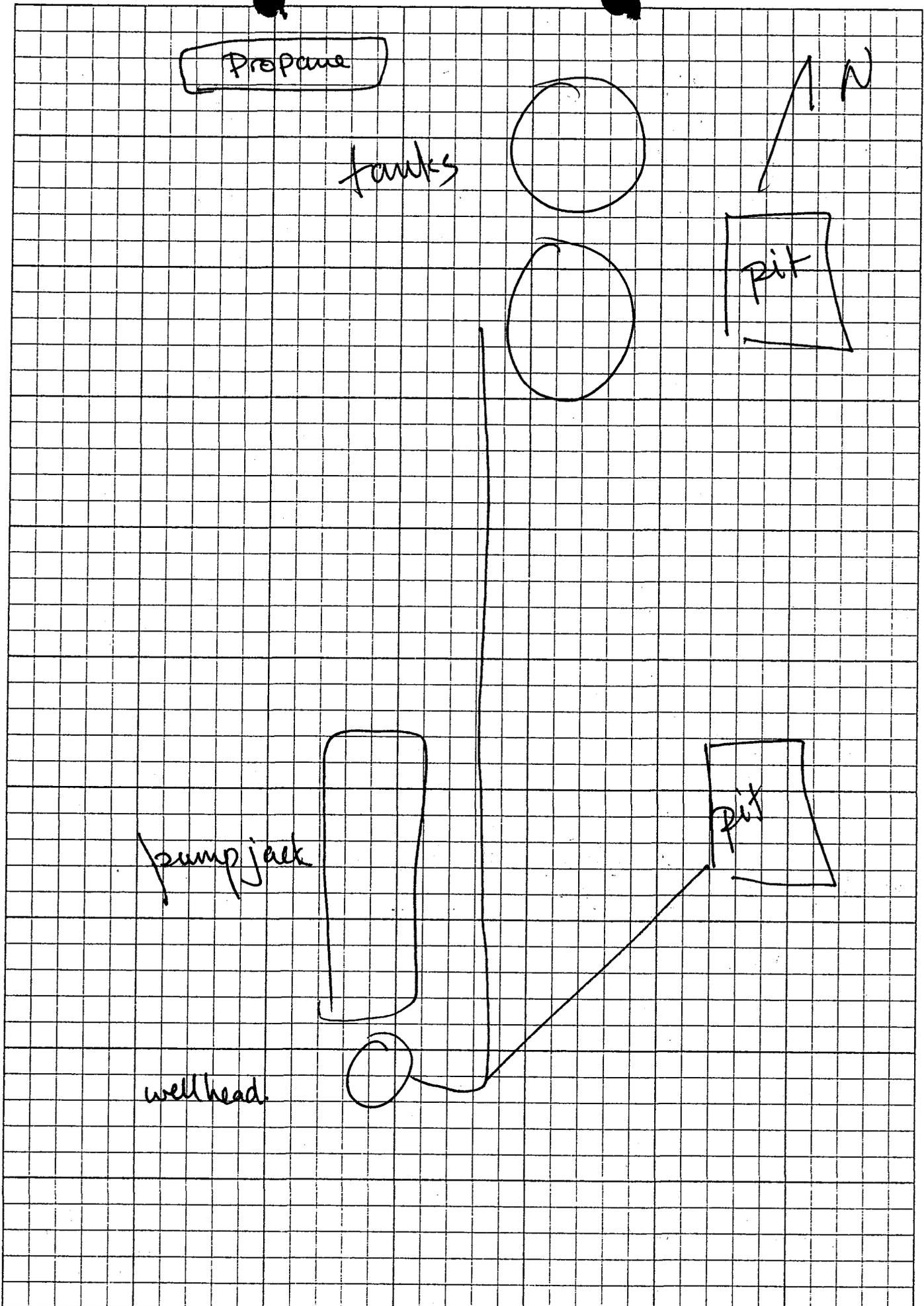
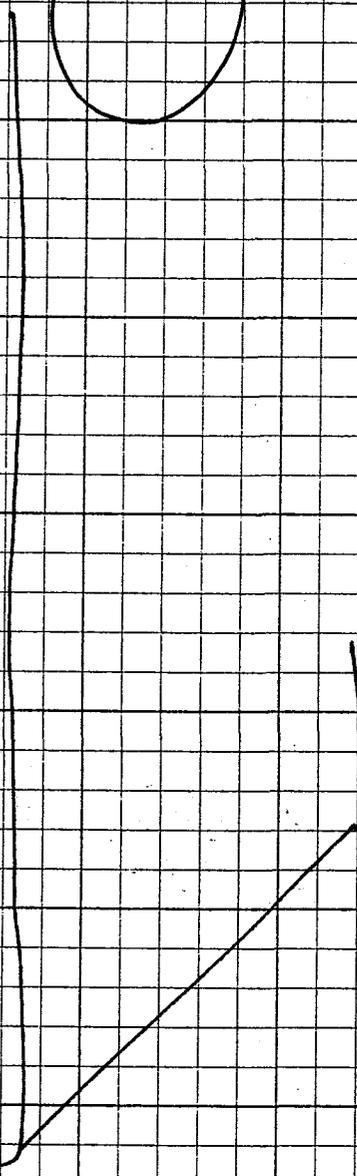
faults



pumpjack



wellhead





**Jetco
Chemicals,
Inc.**

A Procter & Gamble Co.

P.O. BOX 1898
OFFICE: 214/872-3011

CORSICANA, TEXAS 75110
PLANT: 214/874-3706
(U.S.): 800/527-2510

TWX: 910/860-5100
(TX.) 800/442-6261

WATER ANALYSIS REPORT

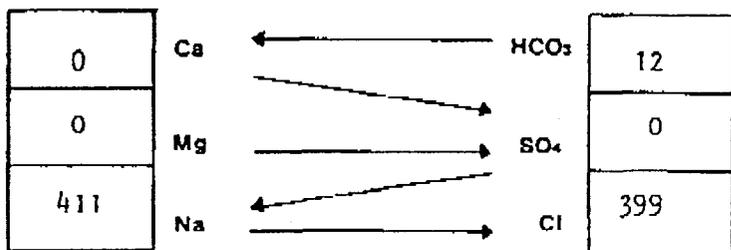
COMPANY NGC ADDRESS Vernal, Utah DATE: 10-21-88

SOURCE 41-5G (Treater) DATE SAMPLED 10-20-88 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. pH	<u>8.2</u>	
2. H ₂ S (Qualitative)	<u>.5</u>	
3. Specific Gravity	<u>1.016</u>	
4. Dissolved Solids	<u>24,348</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>
7. (Phenolphthalein) Alkalinity (CO ₃)		
8. (Methyl Orange) Alkalinity (HCO ₃)	<u>600</u>	
9. Bicarbonate (HCO ₃)	HCO ₃ <u>732</u>	+61 <u>12</u> HCO ₃
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	+48 <u>0</u> Cl
11. Chlorides (Cl)	Cl <u>14,160</u>	+35.5 <u>399</u> SO ₄
12. Calcium (Ca)	Ca <u>2</u>	+20 <u>0</u> Ca
13. Magnesium (Mg)	Mg <u>1</u>	+12.2 <u>0</u> Mg
14. Total Hardness (CaCO ₃)	<u>11</u>	
15. Total Iron (Fe)	<u>.7</u>	
16. Barium (Ba)		
17. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

Compound	Distilled Water 20°C
Ca CO ₃	13Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		12		1,008
Na SO ₄	71.03		0		0
Na Cl	58.46		399		23,326

REMARKS OIL ANALYSIS: Spec. Gravity = .8867 / API @60°F = 22.5 / Pour Point = 87°F



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. NO700

Report Period (Month/Year) 5 / 89

Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FEDERAL 23-5-G 4301331207 06105 09S 16E 5	<i>Conf.</i> GRRV				
NGC FED 32-5G 4301330670 06110 09S 16E 5	GRRV				
FEDERAL 42-4 4301330638 06115 09S 16E 4	GRRV				
SE FLANK UINTAH 1-28 4304730126 06121 15S 22E 28	DKTA				
FEDERAL 24-22 4304730610 06124 08S 22E 22	WSTC				
NGC 33-2H STATE 4304731195 06125 09S 17E 2	GRRV				
D 23-17 SAND RIDGE 4304730623 06126 08S 23E 17	WSTC				
STATE NGC 11-16 4301330616 06130 09S 17E 16	GRRV				
NGC 22-20 4304731356 06135 08S 22E 20	GRRV				
NGC 12-8H FEDERAL 4301330680 06140 09S 17E 8	GRRV				
FED NGC 21-15 4301330614 06145 09S 17E 15	GRRV				
NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV				
NGC 33-18J 4304731200 06155 09S 19E 18	GRRV				
TOTAL					

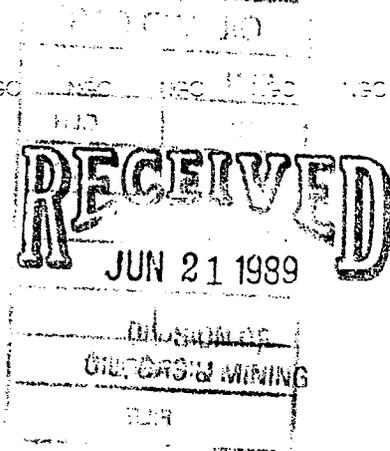
Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396



June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

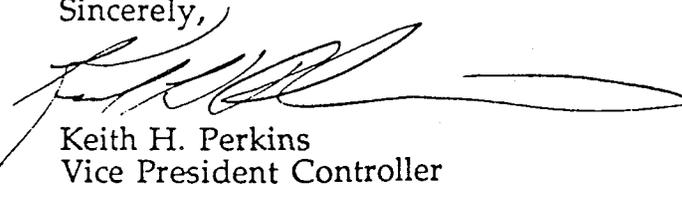
All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-26-89
NGC Energy Co : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg of opn from
Natural Gas Corp to NGC.
JAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

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.
32-5-G

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 5, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

14. PERMIT NO.
43-013-3670 30670

15. ELEVATIONS (Show whether Dr. or Cased)
5809'

RECEIVED
JUL 21 1989
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Vent Gas <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 49 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

NGC ENERGY
AUG 03 1988
VERNAL-OFFICE

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

SIGNED Christy M. Hedden TITLE Production Supt. DATE 7/6/88

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE Assistant District Manager Minerals DATE 7-29-88

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side **CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed the Sundry Notice for technical adequacy and concur with the request providing the following stipulations are included as a part of the approval.

It is the understanding of this office that the Amsel gathering system is in the process of becoming operational again. As the gathering system becomes operational, the affected wells will be placed back on the system.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

U-30096

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

32-5-G

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Sec 5, T9S, R16E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
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 applicable regulations.
See also space 17 below.)
At surface

1976' FNL 1366' FEL SW NE

14. PERMIT NO. 30670
43-013-3670

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5809'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Vent Gas

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 49 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

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

SIGNED Christ M. Hedden

TITLE Production Supt.

DATE 7/6/88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

TITLE _____
ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE 8-8-88

By John R. Day



P.O. BOX 1532

ROOSEVELT, UTAH 84066

OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

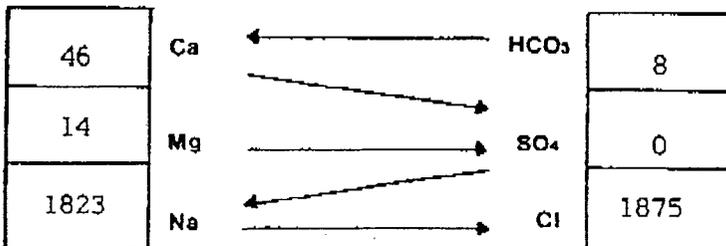
COMPANY P G & E ADDRESS _____ DATE: 12-01-89

SOURCE 14-34B DATE SAMPLED 11-30-89 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	Meq/L
1. pH	<u>6.4</u>	
2. H ₂ S (Qualitative)	<u>0</u>	
3. Specific Gravity	<u>1.076</u>	
4. Dissolved Solids	<u>110,035</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>
7. (Methyl Orange) Alkalinty (HCO ₃)	<u>380</u>	
8. Bicarbonate (HCO ₃)	<u>HCO₃ 464</u>	<u>+61 8 HCO₃</u>
9. Chlorides (Cl)	<u>Cl 66,552</u>	<u>+35.5 1875 Cl</u>
10. Sulfates (SO ₄)	<u>SO₄ 0</u>	<u>+48 0 SO₄</u>
11. Calcium (Ca)	<u>Ca 920</u>	<u>+20 46 Ca</u>
12. Magnesium (Mg)	<u>Mg 170</u>	<u>+12.2 14 Mg</u>
13. Total Hardness (CaCO ₃)	<u>3000</u>	
14. Total Iron (Fe)	<u>120</u>	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
Ca (HCO ₃) ₂	81.04		8		648
Ca SO ₄	68.07				
Ca Cl ₂	55.50		38		2109
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62		14		667
Na HCO ₃	84.00				
Na SO ₄	71.03				
Na Cl	58.46		1823		106,573

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/L
Ca SO ₄ · 2H ₂ O	2,090 Mg/L
Mg CO ₃	103 Mg/L

REMARKS Resistivity = .14 Ohms / meter

ELECTRIC LOG SECTIONS



P.O. BOX 1898
 CORSICANA, TX. 75151

OFFICE:
 TEL: 214/872-3011
 FAX: 214/872-4216

PLANT:
 TEL: 214/874-9500
 FAX: 214/874-9596

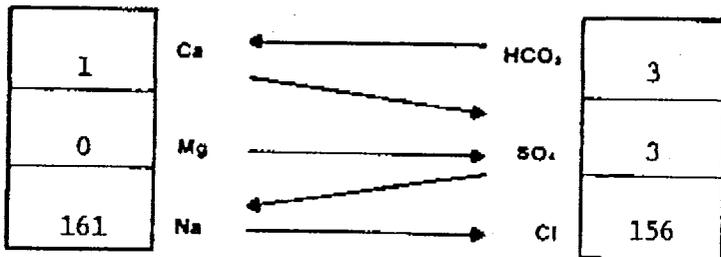
WATER ANALYSIS REPORT

COMPANY P.C. & E. ADDRESS Vernal, UT. DATE: 10-31-90
 SOURCE 21-4 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/l (ppm)	Meq/l
1. PH	8.0	
2. H ₂ S (Qualitative)	.5	
3. Specific Gravity	1.014	
4. Dissolved Solids	9,618	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		
8. Bicarbonate (HCO ₃)	HCO ₃ 207	+61 3
9. Chlorides (Cl)	Cl 5,529	+35.5 156
10. Sulfates (SO ₄)	SO ₄ 150	+48 3
11. Calcium (Ca)	Ca 24	+20 1
12. Magnesium (Mg)	Mg 5	+12.2 0
13. Total Hardness (CaCO ₃)	80	
14. Total Iron (Fe)	2.6	
15. Barium (Qualitative)		
16. Phosphate Residuals		

*MEQ equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		1		81
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		2		168
Na ₂ SO ₄	71.03		3		243
Na Cl	58.46		156		9,120

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

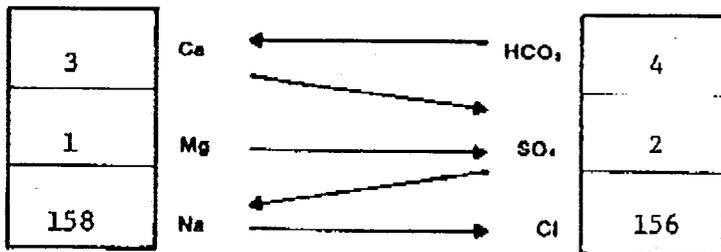
COMPANY P.G. & E. ADDRESS Vernal, UT. DATE: 10-31-90

SOURCE 34-33 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH	7.7	
2. H ₂ S (Qualitative)	4.5	
3. Specific Gravity	1.015	
4. Dissolved Solids	9,559	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		
8. Bicarbonate (HCO ₃)	HCO ₃ 220	+61 4 HCO ₃
9. Chlorides (Cl)	Cl 5,529	+35.5 156 Cl
10. Sulfates (SO ₄)	SO ₄ 100	+48 2 SO ₄
11. Calcium (Ca)	Ca 64	+20 3 Ca
12. Magnesium (Mg)	Mg 12	+12.2 1 Mg
13. Total Hardness (CaCO ₃)	220	
14. Total Iron (Fe)	.4	
15. Barium (Qualitative)		
16. Phosphate Residuals		

*Milli equivalents per liter

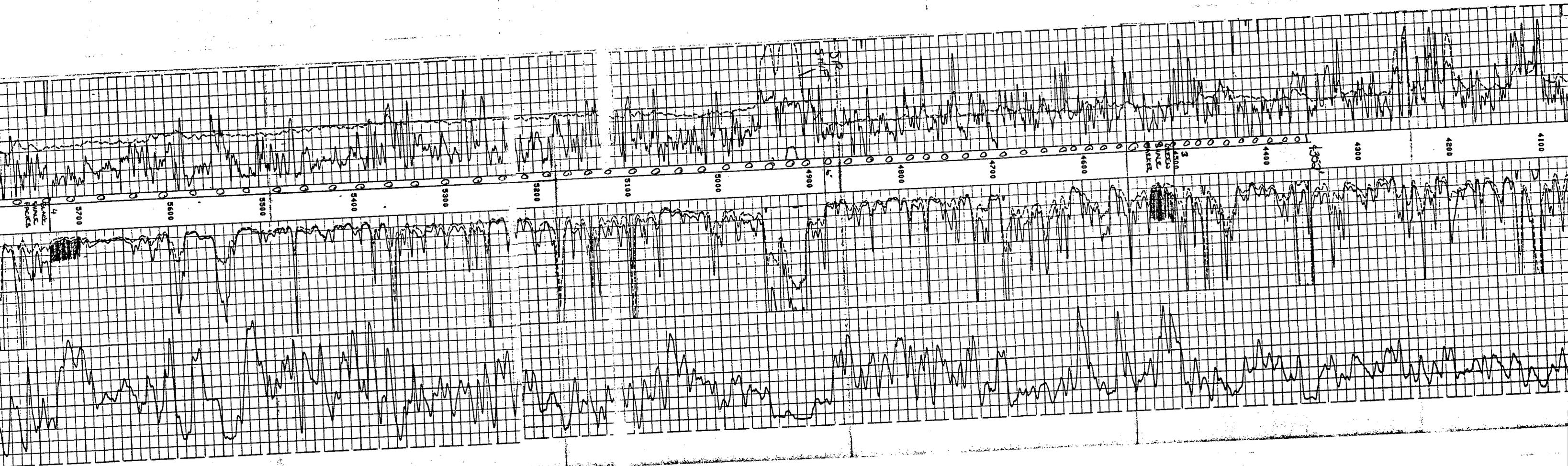
PROBABLE MINERAL COMPOSITION

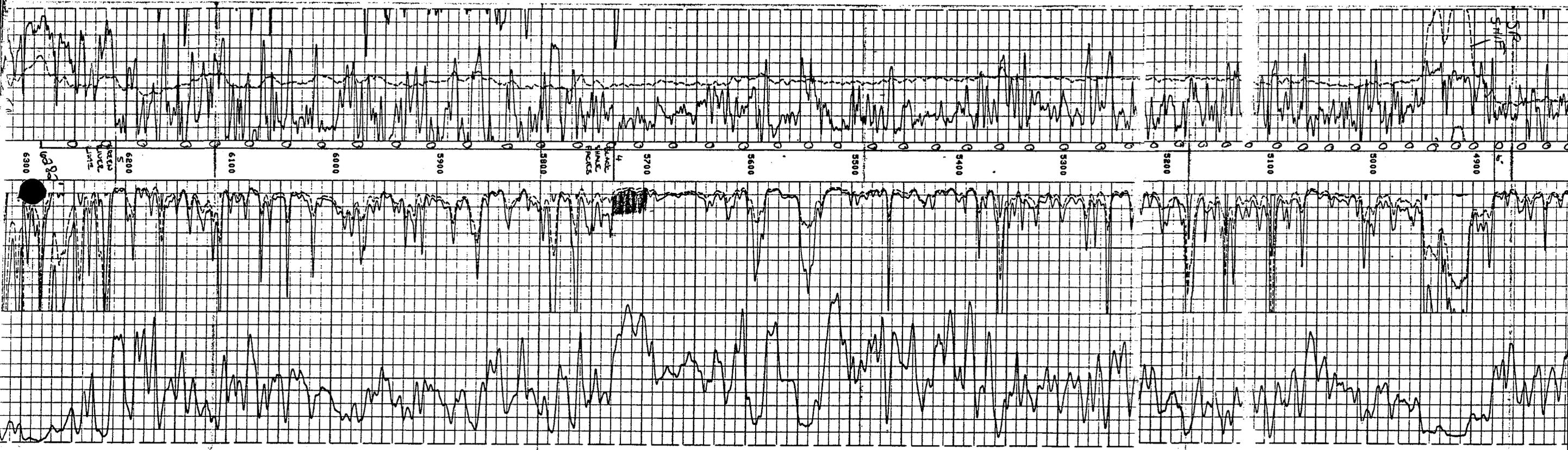


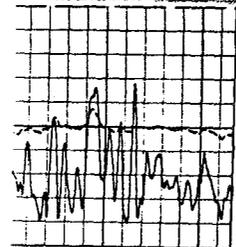
Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		3		243
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		1		73
Mg SO ₄	60.19				
Mg Cl ₂	47.52				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03		2		142
Na Cl	58.46		156		9,120

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

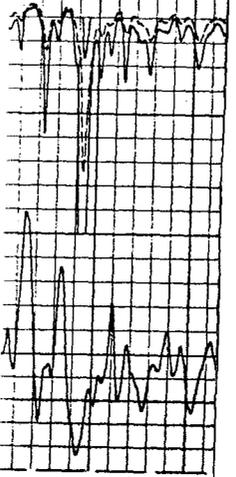
REMARKS _____







5300
K400



RECEIVED

NOV 25 1993

APPLICATION FOR INJECTION WELL - UIC FORM 1

DIVISION OF
OIL, GAS & MINING

OPERATOR PG&E Resources Company
ADDRESS 6688 N. Central Expressway,
Suite 1000
Dallas, Texas 75206-3922

Well name and number: Federal No. 32-5G
Field or Unit name: Wells Draw Waterflood Unit Lease no. U-30096
Well location: QQ NE section 5 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . Yes No
Will the proposed well be used for: Enhanced Recovery? . . . Yes No
Disposal? Yes No
Storage? Yes No
Is this application for a new well to be drilled? Yes No
If this application is for an existing well,
has a casing test been performed on the well? Yes No
Date of test: _____
API number: 43-013-30670

Proposed injection interval: from 4352' to 6282'
Proposed maximum injection: rate 300-400 BPD pressure 2000 psig
Proposed injection zone contains oil, gas, and/or fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Plat, electric log section, wellbore diagram, offset well data, and offset operators.

I certify that this report is true and complete to the best of my knowledge.
Name Cindy R. Keister Signature Cindy R. Keister
Title Sr. Regulatory Analyst Date 11/17/93
Phone No. (214) 706-3640

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

November 22, 1993

RECEIVED

NOV 23 1993

DIVISION OF
OIL, GAS & MINING



State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. Gil Hunt

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Hunt:

PG&E Resources Company respectfully requests approval to convert the following wells into water injection wells in conjunction with PG&E's Proposed Wells Draw Unit, Docket No. 93-039, Cause No. 231-1:

Federal 41-5G	Federal 32-5G
Federal 14-33B	Federal 43-33B
Federal 34-33B	Federal 21-4G
Federal 14-34B	

The enclosed application has been prepared in accordance with R615-5-1 and R615-5-2 and is being submitted for your review and approval. If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,

Cindy R. Keister
Sr. Regulatory Analyst

Enclosures

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File

UIC FORM 1

PLAT

WELLBORE DIAGRAMS

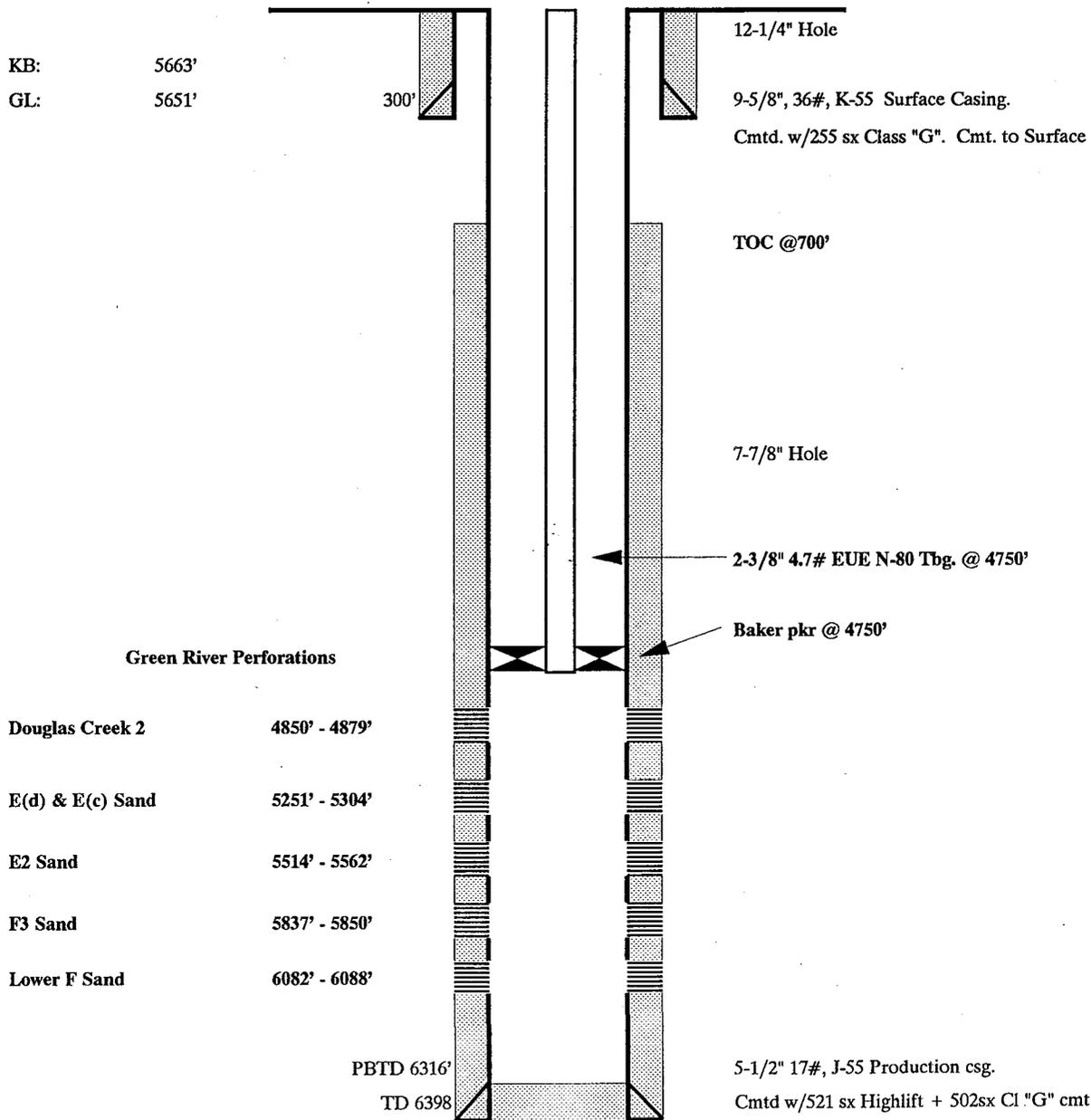
FEDERAL 14-33B

WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 6/7/89
 TD Date: 7/15/89
 Compl. Date: 9/4/89

Sec 33, T-8S-R16E
 SW/4 SW/4

KB: 5663'
 GL: 5651'



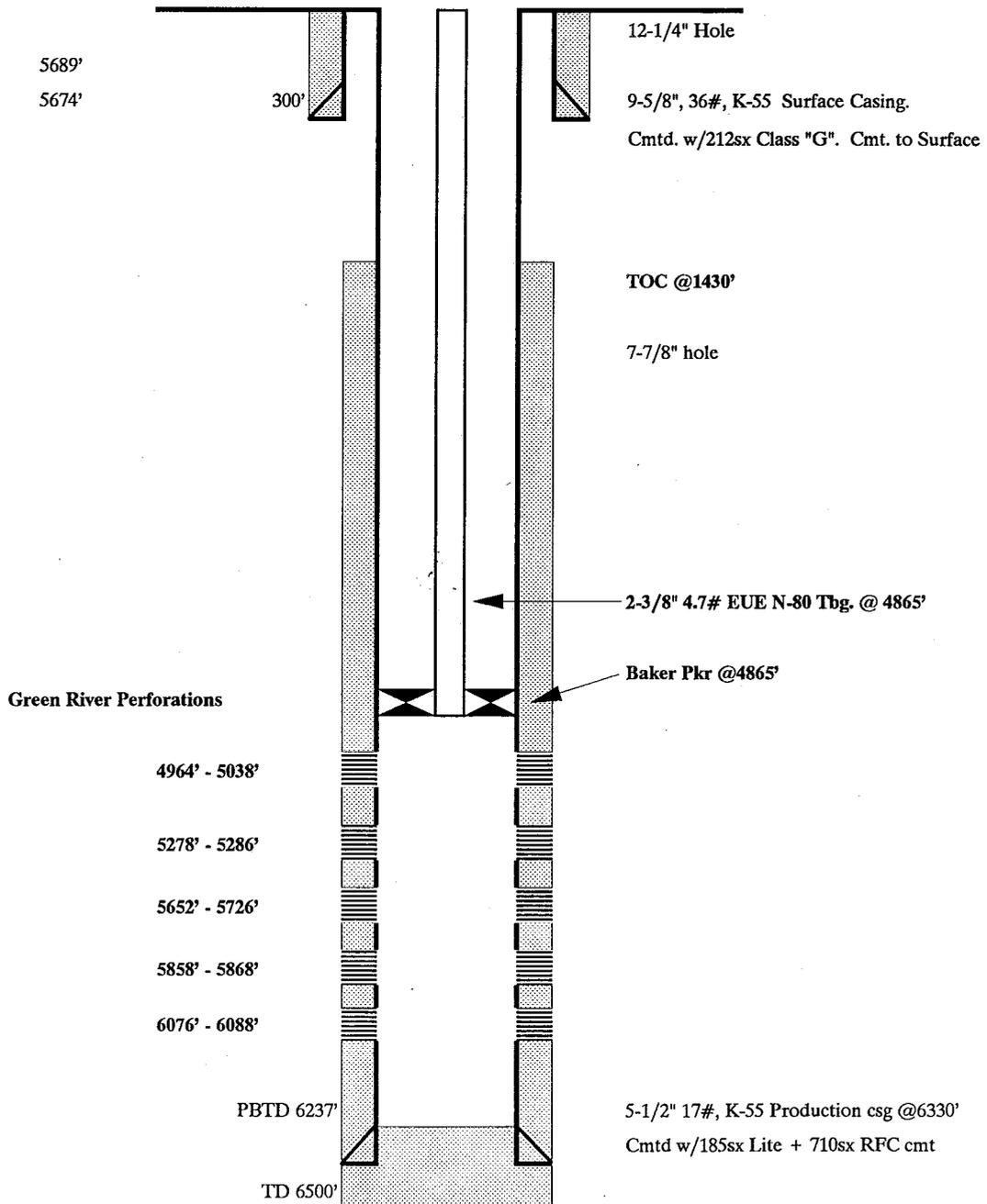
FEDERAL 14-34B

WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 5/7/89
 TD Date: 5/20/89
 Compl. Date: 6/24/89

Sec 34, T-8S-R16E
 SW/4 SW/4

KB: 5689'
 GL: 5674'

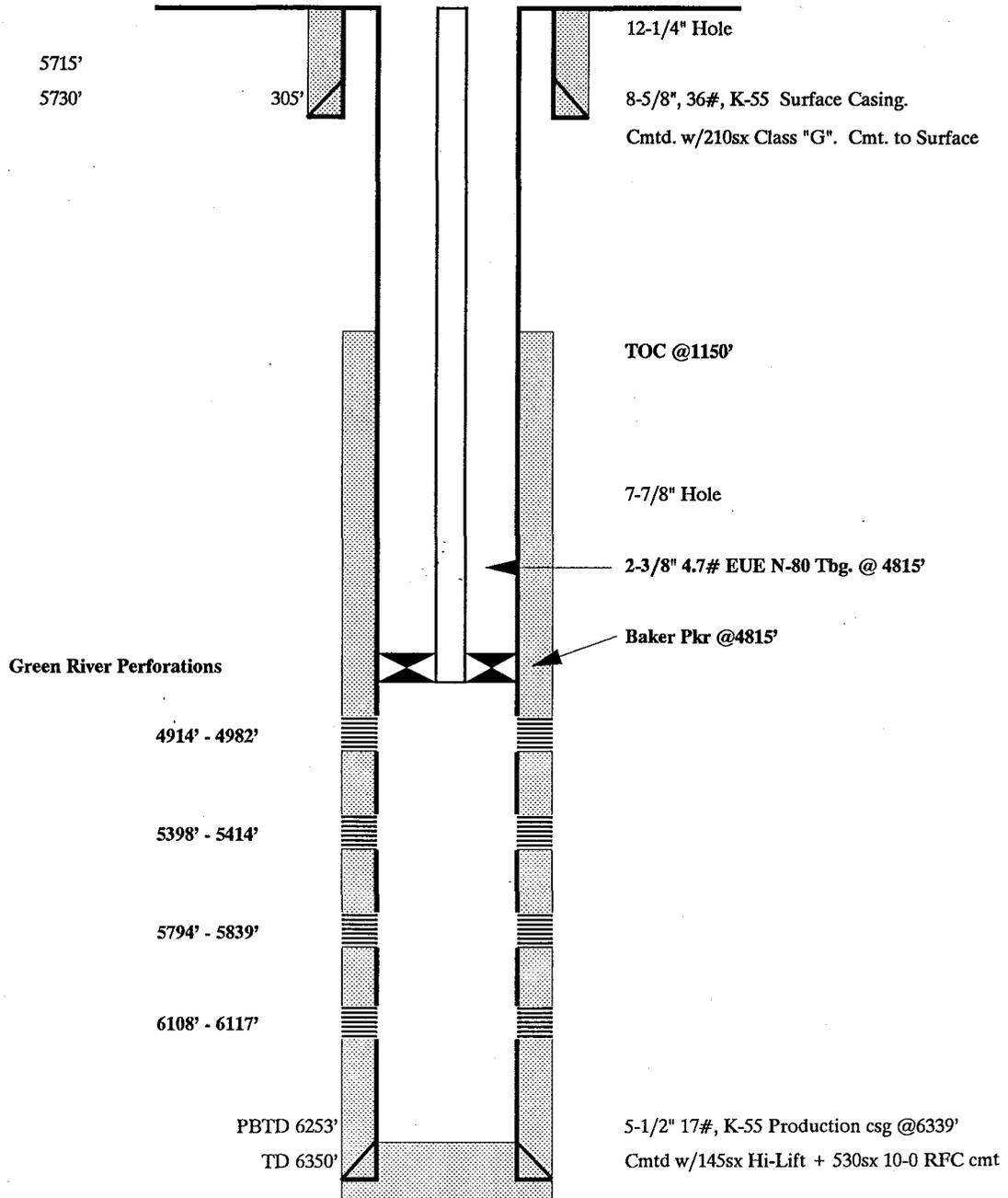


FEDERAL 21-4G
WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 6/2/90
 TD Date: 6/15/90
 Compl. Date: 8/18/90

Sec 4, T-9S-R16E
 NE/4 NW/4

KB: 5715'
 GL: 5730'



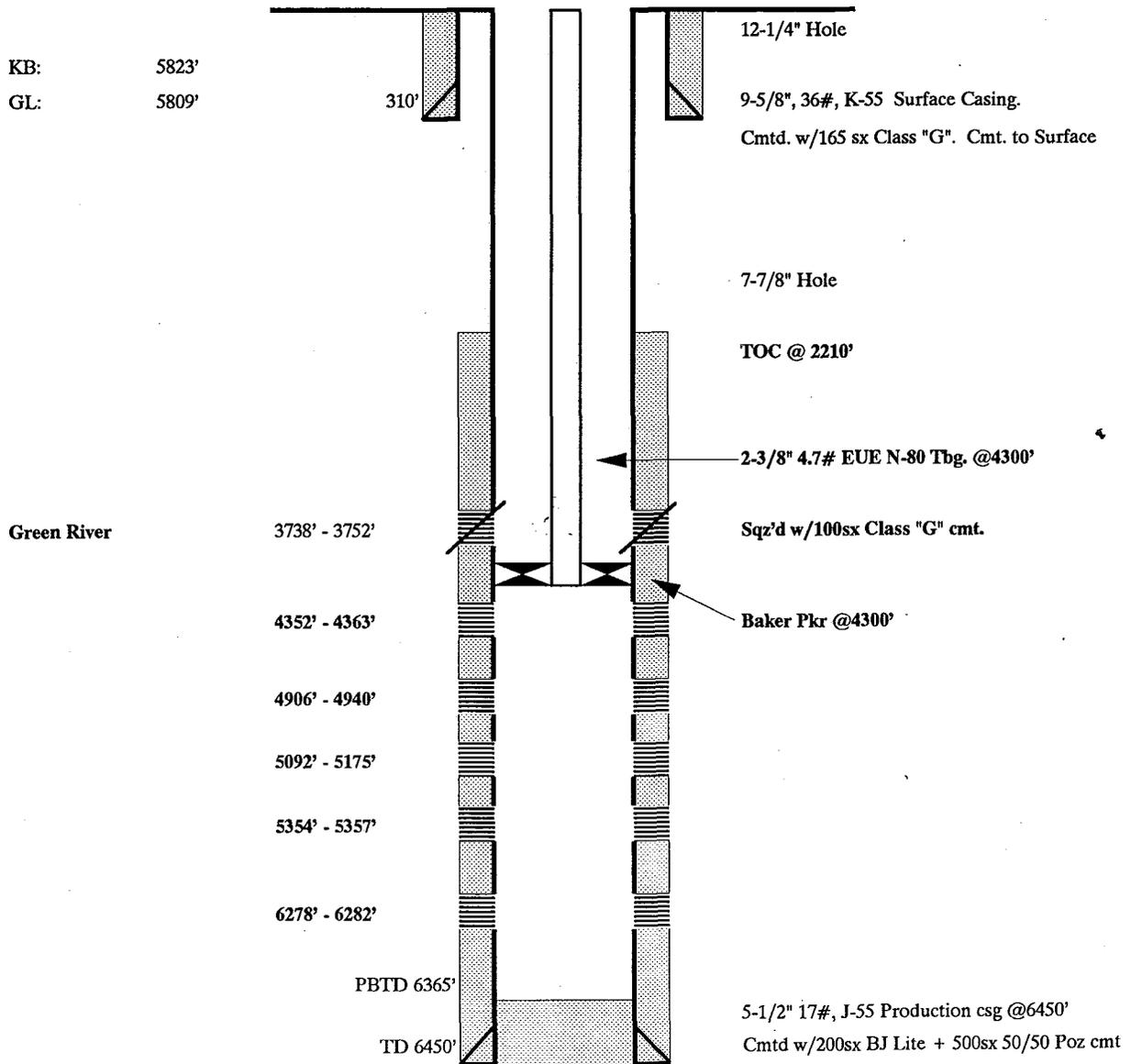
FEDERAL 32-5G

WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 7/19/82
 TD Date: 7/30/82
 Compl. Date: 11/14/82

Sec 5, T-9S-R16E
 SW/4 NE/4

KB: 5823'
 GL: 5809'



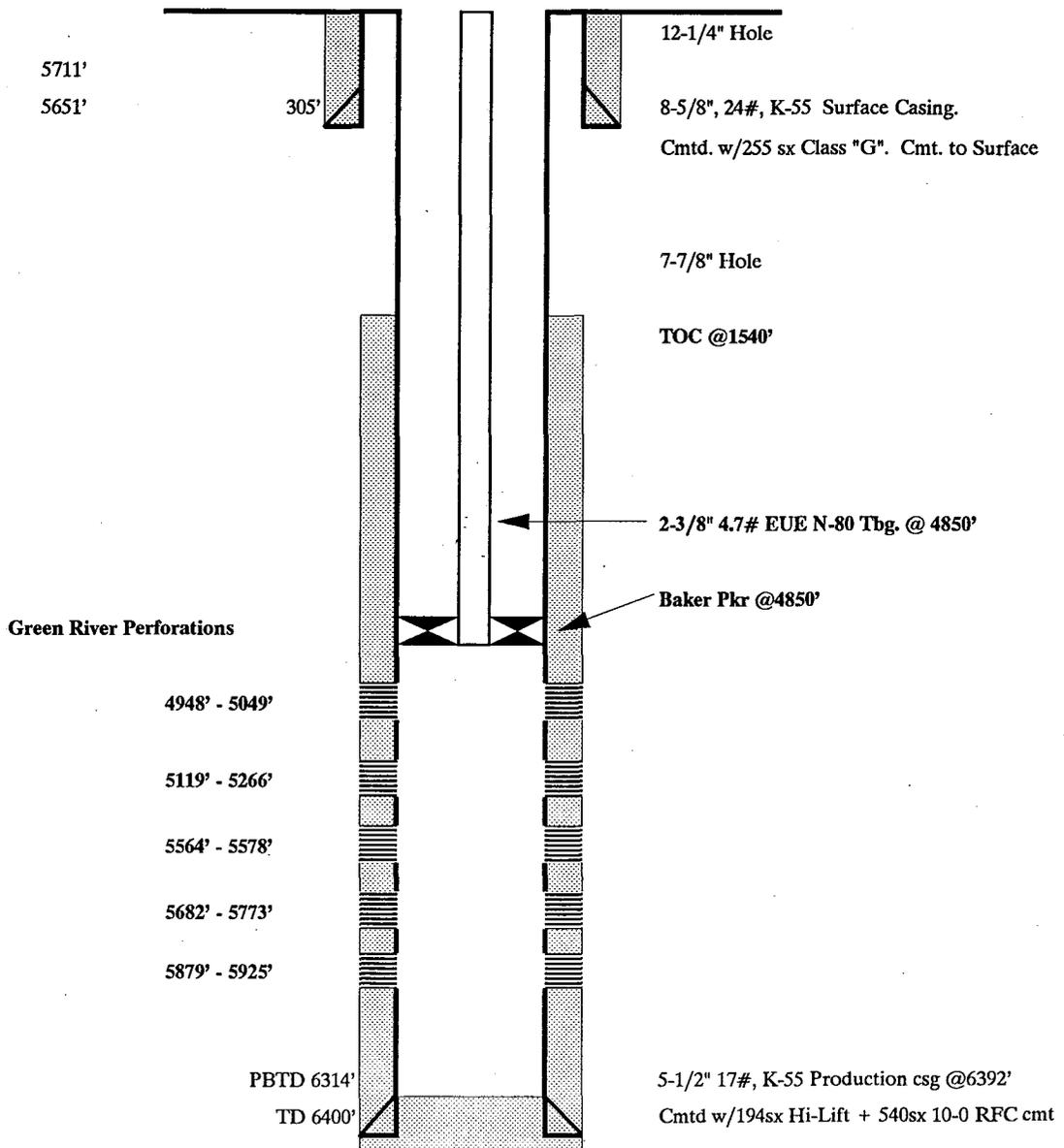
FEDERAL 34-33B

WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 4/24/90
 TD Date: 5/6/90
 Compl. Date: 6/19/90

Sec 33, T-8S-R16E
 SW/4 SE/4

KB: 5711'
 GL: 5651'



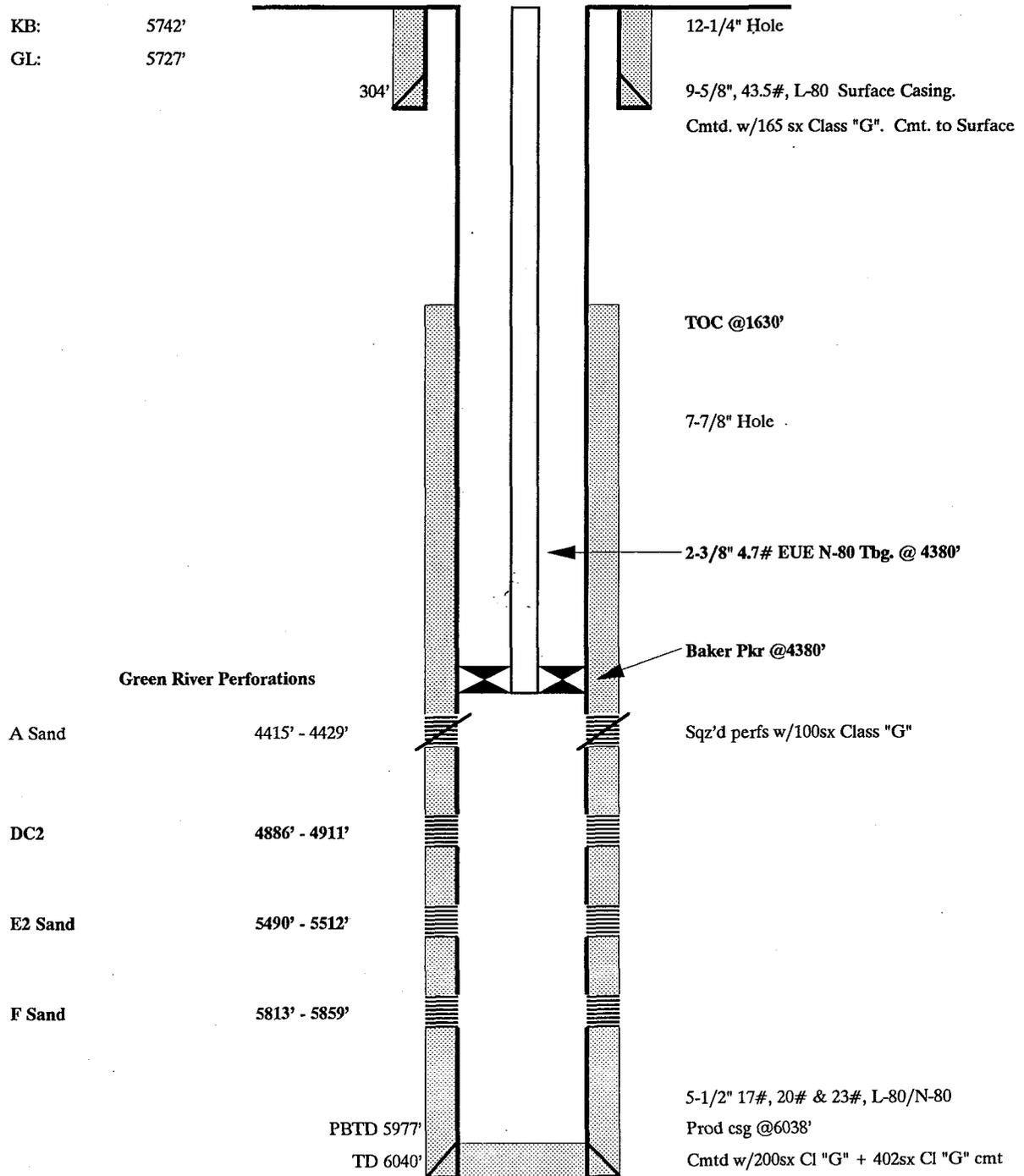
FEDERAL 41-5G

WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 3/24/88
 TD Date: 4/1/88
 Compl. Date: 4/27/88

Sec. 5, T9S-R16E
 NE/4 SW/4

KB: 5742'
 GL: 5727'



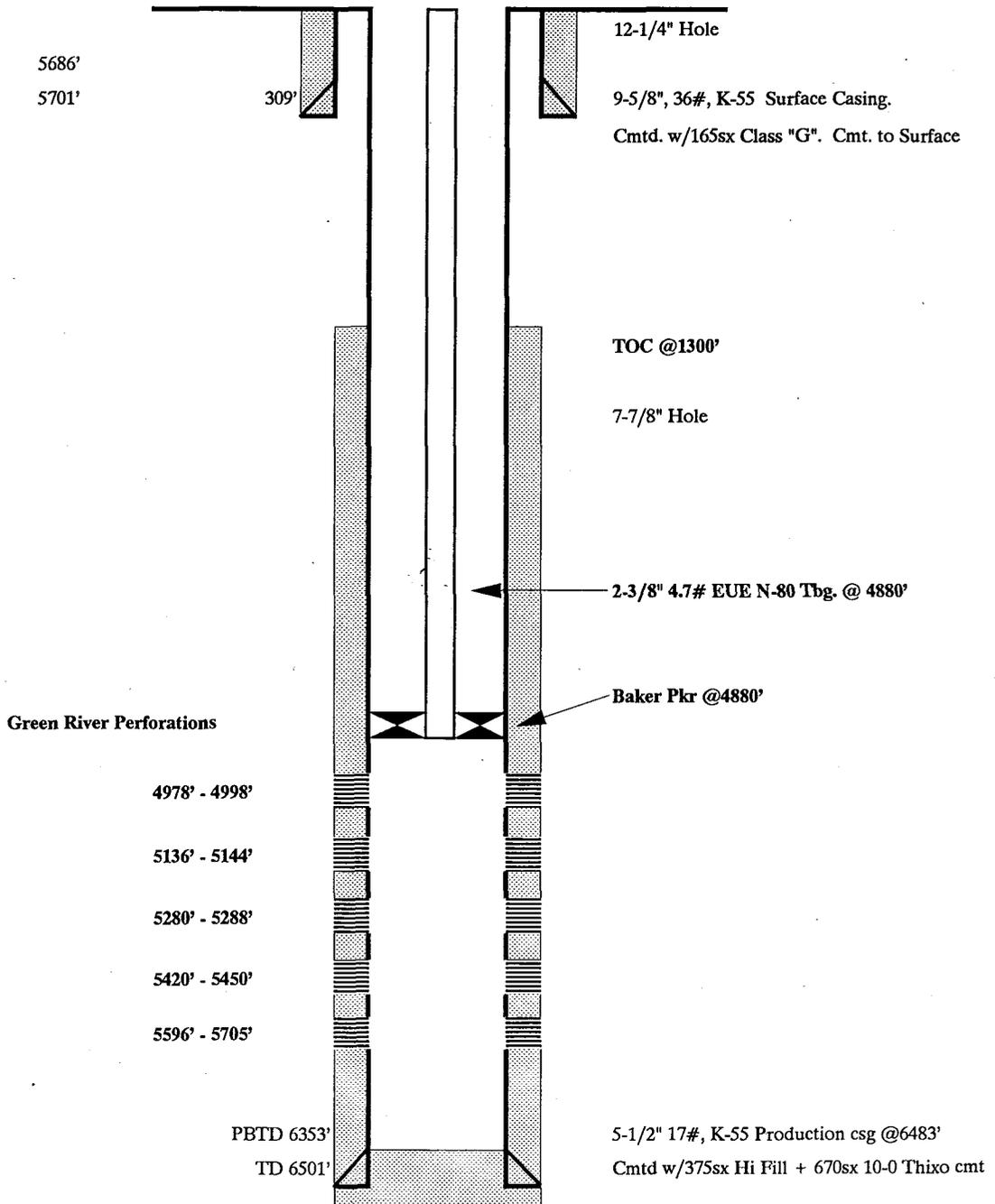
FEDERAL 43-33B

WELLS DRAW UNIT
 Duchesne County, Utah
 PROPOSED WIW

Spud: 9/5/89
 TD Date: 9/17/89
 Compl. Date: 11/7/89

Sec 33, T-8S-R16E
 NE/4 SE/4

KB: 5686'
 GL: 5701'



**WELLS DRAW WATERFLOOD UNIT
DUCHENESE COUNTY, UT
INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS**

A. ELECTRIC LOGS

A copy of the marked injection interval is attached for your convenience. The electric logs have been submitted and are on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

B. CEMENT BOND LOGS

The Cement Bond Logs have been submitted and are currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

C. CASING PROGRAM/TESTING PROCEDURES

The casing program for each of the seven (7) wells is reflected on the attached individual wellbore diagrams. Before injection begins, the casing outside the tubing shall be tested to 1000 psi as required in R615-5-5.

D. INJECTION FLUID

Initially produced water from the E₂ and DC₃ sands of the Green River formation from wells operated by Lomax will be injected. Water samples are being taken and a water analysis and compability statement will be furnished. When the waterflood is in full operation, produced water from PG&E's Wells Draw Unit Wells will be used for injection. Annual injection rates will be determined by a step-rate test, but the initial injection rate will be 300-400 BWPD per well at an injection pressure somewhat below 2000 psi.

E. FRESH WATER PROTECTION

The frac gradients for the field average to be 0.84 psig/ft. The maximum injection pressures will be kept below this gradient.

F. GEOLOGY

The Wells Draw Unit is adjacent and similar to the Monument Butte Green River "D" Unit in that it produces from the same Green River sands with similar pay thicknesses and production characteristics. By far the majority of production is from the DC₂ and E₂ sands but there are several non-continuous porous intervals in the "A", "B", "D" and other Green River sand groups .

Oil is stratigraphically trapped in lenticular, fine grained quartz sandstone fluvial deposits intersecting the edge of a lacustrine environment. These sandstones are associated with multicolored shales and carbonates of a lacustrine nature. The Wells Draw area is located on a structural monocline dipping one to two degrees to the Northeast. Reservoir thickness and distribution are basically similar as you go from Monument Butte into Wells Draw. The two fields contain the same hydrocarbons and similar water saturations. The water in which these reservoirs were deposited was fresh to brackish.

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 2

G. OFFSET WELL MECHANICAL CONDITION (1/2 MILE RADIUS)

OFFSET WELL - FEDERAL 11-4G (Section 4, T9S-R16E NW/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	J-55	J-55
Setting Depth	289'	6453'
Amount of Cement	165sx	317sx + 595sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	3300' ✓
Date Set	12/24/89	01/20/90
PBTD		6311'

OFFSET WELL - FEDERAL 12-4G (Section 4, T9S-R16E SW/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	32#	15.5#
Grade	J-55	J-55 & K-55
Setting Depth	305'	6409'
Amount of Cement	215sx	285sx + 682sx
Type of Cement	B. J. "L"	B. J. Lite + B.J. Lite 50/50 Poz
Top of Cement	Surface	2500' ✓
Date Set	04/05/83	04/19/83
PBTD		6217'

OFFSET WELL - FEDERAL 13-34B (Section 34, T8S-R16E NW/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	307'	6470'
Amount of Cement	210sx	165sx + 530sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	1080' ✓
Date Set	05/31/90	06/10/90
PBTD		6390'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 3

OFFSET WELL - FEDERAL 21-5G (Section 5, T9S-R16E NE/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	32#	15.5#
Grade	J-55	J-55
Setting Depth	311'	6500'
Amount of Cement	215sx	338sx + 863sx
Type of Cement	Class "G"	B. J. Lite + 50/50 Poz
Top of Cement	Surface	2500' ✓
Date Set	03/26/83	04/07/83
PBTD		6270'

OFFSET WELL - FEDERAL 22-5G (Section 5, T9S-R16E SE/NW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	J-55
Setting Depth	311'	6259'
Amount of Cement	210sx	160sx + 450sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	1610' ✓
Date Set	05/29/90	06/24/90
PBTD		6184'

OFFSET WELL - FEDERAL 23-5G (Section 5, T9S-R16E NE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	53.5#	17#
Grade	L-80	K-55/N-80
Setting Depth	300'	6000'
Amount of Cement	165sx	195sx + 445sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	1190' ✓
Date Set	07/20/88	08/06/88
PBTD		5911'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 4

OFFSET WELL - FEDERAL 23-33B (Section 33, T8S-R16E NE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	300'	6402'
Amount of Cement	165sx	300sx + 575sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	3300' ✓
Date Set	12/21/89	01/07/90
PBTD		6308'

OFFSET WELL - FEDERAL 23-34B (Section 34, T8S-R16E NE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	J-55	J-55
Setting Depth	301'	6550'
Amount of Cement	165sx	320sx + 585sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	1740' ✓
Date Set	12/03/89	12/22/89
PBTD		6445'

OFFSET WELL - FEDERAL 24-33B (Section 33, T8S-R16E SE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	47# & 53.5#	17#
Grade	L-80/N-80	K-55/N-80
Setting Depth	310'	6410'
Amount of Cement	165sx	125sx + 500sx
Type of Cement	Class "G"	Silica Lite + Class "G"
Top of Cement	Surface	2405' ✓
Date Set	08/18/88	08/31/88
PBTD		6329'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 5

OFFSET WELL - FEDERAL 31-4G (Section 4, T9S-R16E NW/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	J-55
Setting Depth	300'	5603'
Amount of Cement	165sx	260sx + 580sx
Type of Cement	Class "G"	Hi-Lift + Class "G"
Top of Cement	Surface	2300'
Date Set	05/21/89	05/12/89
PBTD		5603'

OFFSET WELL - FEDERAL 31-5G (Section 5, T9S-R16E NW/NE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	332'	6388'
Amount of Cement	225sx	318sx + 535sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	2200'
Date Set	01/20/90	02/03/90
PBTD		6255'

OFFSET WELL - FEDERAL 33-33B (Section 33, T8S-R16E NW/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	301'	6400'
Amount of Cement	225sx	155sx + 520sx
Type of Cement	Class "G"	Howco Lite + 10-0 RFC
Top of Cement	Surface	2050'
Date Set	05/04/90	06/03/90
PBTD		6315'

WELLS DRAW WATERFLOOD UNIT
 INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
 PAGE 6

OFFSET WELL - FEDERAL 42-4 (Section 4, T9S-R16E SE/NE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	N-80
Setting Depth	300'	6483'
Amount of Cement	165sx	720sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	2406'
Date Set	03/22/82	04/04/82
PBTD		6404'

OFFSET WELL - FEDERAL 44-33B (Section 33, T8S-R16E SE/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	K-55
Setting Depth	300'	6385'
Amount of Cement	225sx	240sx + 715sx
Type of Cement	Class "G"	Hi-Lift + 10-0 RFC
Top of Cement	Surface	2650' ✓
Date Set	04/29/90	05/26/90
PBTD		6279'

OFFSET WELL - FEDERAL 43-5 (Section 5, T9S-R16E NE/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade		
Setting Depth	240'	6025'
Amount of Cement	190sx	190sx + 385sx
Type of Cement	Class "G"	Lite + Thixotropic
Top of Cement	Surface	750' ✓
Date Set	01/84	1984
PBTD		5980'

WELLS DRAW WATERFLOOD UNIT
INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
PAGE 7

H. AFFIDAVIT OF NOTIFICATION

To whom it may concern:

Copies of the UIC Form 1 application for the wells listed below have been mailed to the following on November 19, 1993:

Federal 41-5G
Federal 14-33B
Federal 43-33B
Federal 21-4G

Federal 32-5G
Federal 34-33B
Federal 14-34B

OFFSET OPERATORS:

Chevron USA, Inc.
P. O. Box 1635
Houston, TX 77251

Equitable Resources Energy Co.
Balcron Oil Division
P. O. Box 21017
Billings, MT 59104

James Fishgrund
9777 Wilshire Blvd., #818
Beverly Hills, CA 90202

Interline Resources Company
175 West 200 South, Suite 2004
Salt Lake City, UT 84001

Lomax Exploration Company
13405 NW Freeway, #310
Houston, TX 77040

Lee R. Martin
1645 Court Place
Denver, CO 80202

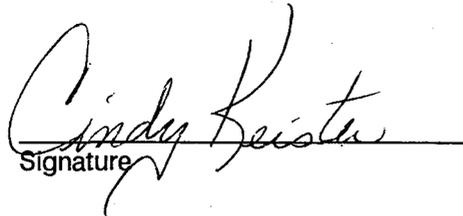
Maybelle, Inc.
P. O. Box 3595
Midland, TX 79702

WELLS DRAW WATERFLOOD UNIT
INFORMATION APPLICABLE TO ALL SEVEN (7) WELLS
PAGE 8

AFFIDAVIT OF NOTIFICATION (Continued)

SURFACE OWNERS:

Bureau of Land Management
170 South 500 East
Vernal, UT 84078


Signature

Cindy Keister

Name

(214) 706-3640

Telephone

Sr. Regulatory Analyst

Title

November 22, 1993

Date

November 24, 1993

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

NOV 29 1993

DEPARTMENT OF
NATURAL RESOURCES
DIVISION OF OIL, GAS & MINING

Attention: Mr. Dan Jarvis

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Jarvis:

In reference to your telephone conversation with Jim LaFevers and myself on November 23, 1993, this letter represents an addendum to the referenced UIC application dated November 22, 1993.

1. Initially the water used for injection will be purchased from Balcron whose source is Johnson Water Company. When the waterflood is in full operation, produced water from PG&E's Wells Draw Unit Wells will be used for injection along with water purchased from Balcron.
2. Water samples will be taken and a water analysis along with a comparability analysis will be furnished.
3. Frac Gradient:
$$\text{ISIP} = 1200 \text{ psi}$$
$$\text{HHD} = 5500' \times .433 \text{ psi/ft.} = 2382 \text{ psi}$$
$$\text{Frac Gradient} = \frac{1200\# + 2382\#}{5500'} = .65 \text{ psi/ft.}$$
4. Electric log section on Federal 41-5G has been faxed to your office from our field office in Vernal, Utah this date.

If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,



Cindy R. Keister
Sr. Regulatory Analyst

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File

November 30, 1993

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. Dan Jarvis

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Jarvis:

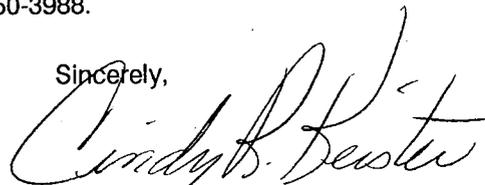
In reference to our telephone conversation on November 29, 1993, this letter represents the second addendum to the referenced UIC application dated November 22, 1993. We have researched our records and have determined that the frac gradient should be .82 psi/ft. in the Green River formation based on the following data:

1. Green River Wells - operated by PG&E Resources
 - a. ISIP 2300 psi
 - b. ISIP 2800 psi
 - c. ISIP 1722 psi
 - d. ISIP 1700 psi
2. Average ISIP 2131 psi
3. Frac Gradient:

$$\begin{aligned} \text{ISIP} &= 2131 \text{ psi} \\ \text{HHD} &= 5500' \times .432 \text{ psi/ft.} = 2382 \text{ psi} \\ \text{Frac Gradient} &= \frac{2131\# + 2382\#}{5500'} = .82 \text{ psi/ft.} \end{aligned}$$

If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,



Cindy R. Keister
Sr. Regulatory Analyst

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File

PG&E Resources Company

6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922
Telephone 214/750-3800
FAX 214/750-3883

November 30, 1993

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Underground Injection Control Section
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203



Attention: Mr. Dan Jarvis

RE: Application for Water Injection
Wells Draw Waterflood Unit
Duchesne County, Utah

Dear Mr. Jarvis:

In reference to our telephone conversation on November 29, 1993, this letter represents the second addendum to the referenced UIC application dated November 22, 1993. We have researched our records and have determined that the frac gradient should be .82 psi/ft. in the Green River formation based on the following data:

- 1. Green River Wells - operated by PG&E Resources
 - a. ISIP 2300 psi
 - b. ISIP 2800 psi
 - c. ISIP 1722 psi
 - d. ISIP 1700 psi
- 2. Average ISIP 2131 psi
- 3. Frac Gradient:

$$\begin{aligned}
 \text{ISIP} &= 2131 \text{ psi} \\
 \text{HHD} &= 5500' \times .432 \text{ psi/ft.} = 2382 \text{ psi} \\
 \text{Frac Gradient} &= \frac{2131\# + 2382\#}{5500'} = .82 \text{ psi/ft.}
 \end{aligned}$$

If you have any questions or need additional information, please contact the undersigned at (214) 706-3640 or Jim LaFevers at (214) 750-3988.

Sincerely,

Cindy R. Keister
Sr. Regulatory Analyst

cc: S. Gilbert
J. LaFevers
Central File
Regulatory File

123

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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF PG & E RESOURCES COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-141
FEDERAL 41-5G, FEDERAL 14-33B,	:	
FEDERAL 34-33B, FEDERAL 14-34B,	:	
FEDERAL 32-5G, FEDERAL 43-33B,	:	
& FEDERAL 21-4G WELLS LOCATED IN	:	
SECTIONS 33 & 34, TOWNSHIP 8 SOUTH,	:	
RANGE 16 EAST, AND SECTIONS 4 & 5,	:	
TOWNSHIP 9 SOUTH, RANGE 16 EAST,	:	
S.L.M., DUCHESNE COUNTY, UTAH, AS	:	
CLASS II INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

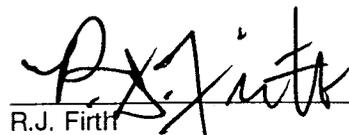
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of PG & E Resources Company for administrative approval of the Federal 41-5G, Federal 14-33B, Federal 34-33B, Federal 14-34B, Federal 32-5G, Federal 43-33B, and Federal 21-4G Wells, located in Sections 33 & 34, Township 8 South, Range 16 East, and Sections 4 & 5, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Approval has been requested to inject water for the purpose of water flooding in the interval from 4352 feet to 6282 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig or less with a maximum requested injection pressure of 2145 psig. The estimated injection volume will be approximately 400 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of December, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



 R.J. Firth
 Associate Director, Oil and Gas

PG & E Resources Company
Federal 41-5G, Federal 14-33B, Federal 34-33B,
Federal 14-34B, Federal 32-5G, Federal 43-33B, & Federal 21-4G Wells
Cause No. UIC-141

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

PG & E Resources Company
6688 N. Central Expressway, #1000
Dallas, Texas 75206-3922

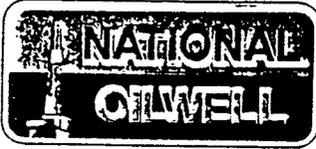
Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466



Lisa D. Clement
Administrative Secretary
December 2, 1993

RECEIVED

DEC 02 1993



P.O. BOX 1532

ROOSEVELT, UTAH 84066

OFFICE: (801) 722-3693

DIVISION OF OIL, GAS & MINING

WATER ANALYSIS REPORT

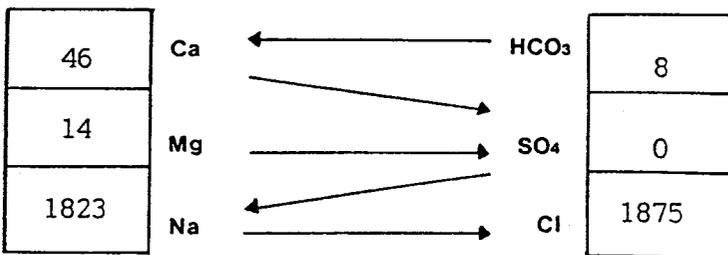
COMPANY P G & E ADDRESS _____ DATE: 12-01-89

SOURCE 14-34B DATE SAMPLED 11-30-89 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH	<u>6.4</u>	
2. H ₂ S (Qualitative)	<u>0</u>	
3. Specific Gravity	<u>1.076</u>	
4. Dissolved Solids	<u>110,035</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>
7. (Methyl Orange) Alkalinity (HCO ₃)	<u>380</u>	
8. Bicarbonate (HCO ₃)	HCO ₃ <u>464</u>	+61 <u>8</u> HCO ₃
9. Chlorides (Cl)	Cl <u>66,552</u>	+35.5 <u>1875</u> Cl
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	+48 <u>0</u> SO ₄
11. Calcium (Ca)	Ca <u>920</u>	+20 <u>46</u> Ca
12. Magnesium (Mg)	Mg <u>170</u>	+12.2 <u>14</u> Mg
13. Total Hardness (CaCO ₃)	<u>3000</u>	
14. Total Iron (Fe)	<u>120</u>	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
Ca (HCO ₃) ₂	81.04		8		648
Ca SO ₄	68.07				
Ca Cl ₂	55.50		38		2109
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62		14		667
Na HCO ₃	84.00				
Na SO ₄	71.03				
Na Cl	58.46		1823		106,573

Saturation Values Distilled Water 20°C

Ca CO ₃	13 Mg/L
Ca SO ₄ · 2H ₂ O	2,090 Mg/L
Mg CO ₃	103 Mg/L

REMARKS Resistivity = .14 Ohms / meter



A Procter & Gamble Co.

RECEIVED

DEC 02 1993

P.O. BOX 1898
CORNICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

DIVISION OF
OIL, GAS & MINING

WATER ANALYSIS REPORT

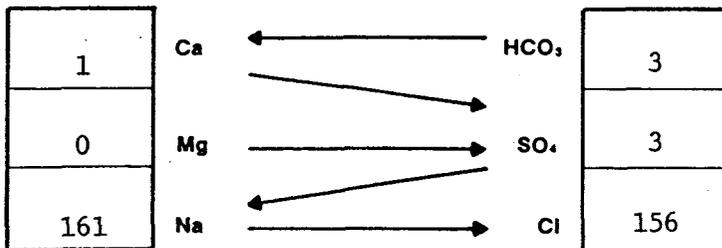
COMPANY P.G. & E. ADDRESS Vernal, UT. DATE: 10-31-90

SOURCE 21-4 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>8.0</u>	
2. H ₂ S (Qualitative)	<u>.5</u>	
3. Specific Gravity	<u>1.014</u>	
4. Dissolved Solids	<u>9,618</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count		<u>_____</u> C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		<u>_____</u>
8. Bicarbonate (HCO ₃)	HCO ₃ <u>207</u>	<u>÷61</u> <u>3</u> HCO ₃
9. Chlorides (Cl)	Cl <u>5,529</u>	<u>÷35.5</u> <u>156</u> Cl
10. Sulfates (SO ₄)	SO ₄ <u>150</u>	<u>÷48</u> <u>3</u> SO ₄
11. Calcium (Ca)	Ca <u>24</u>	<u>÷20</u> <u>1</u> Ca
12. Magnesium (Mg)	Mg <u>5</u>	<u>÷12.2</u> <u>0</u> Mg
13. Total Hardness (CaCO ₃)	<u>80</u>	
14. Total Iron (Fe)	<u>2.6</u>	
15. Barium (Qualitative)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>1</u>		<u>81</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>2</u>		<u>168</u>
Na ₂ SO ₄	71.03		<u>3</u>		<u>243</u>
Na Cl	58.46		<u>156</u>		<u>9,120</u>

REMARKS _____



**Jetco
Chemicals,
Inc.**

DEC 02 1993

DIVISION OF

A Procter & Gamble Co.

P.O. BOX-1898
OFFICE: 214/872-3011

CORSICANA, TEXAS 75110

PLANT: 214/874-3706
(U.S.): 800/527-2510

TWX: 910/860-5100
(TX.) 800/442-6261

WATER ANALYSIS REPORT

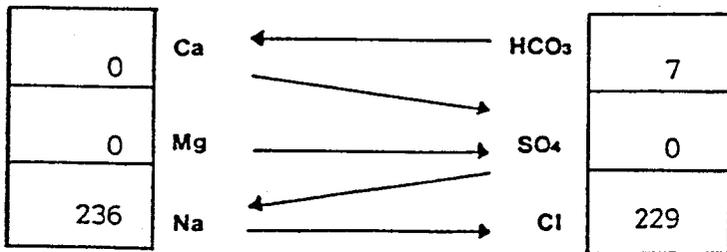
COMPANY N.G.C. Corp. ADDRESS Vernal, UT 84078 DATE: 1-22-88

SOURCE 32-5G DATE SAMPLED 1-20-88 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. pH	8.8	
2. H ₂ S (Qualitative)	0	
3. Specific Gravity	1.007	
4. Dissolved Solids	13,932	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. (Phenolphthalein) Alkalinity (CO ₃)		
8. (Methyl Orange) Alkalinity (HCO ₃)	350	
9. Bicarbonate (HCO ₃)	HCO ₃ 427	+61 7 HCO ₃
10. Sulfates (SO ₄)	SO ₄ 0	+48 0 Cl
11. Chlorides (Cl)	Cl 8,142	+35.5 229 SO ₄
12. Calcium (Ca)	Ca 2	+20 0 Ca
13. Magnesium (Mg)	Mg 71	+12.2 6 Mg
14. Total Hardness (CaCO ₃)	300	
15. Total Iron (Fe)	12	
16. Barium (Ba)		
17. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		6		439
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		1		84
Na SO ₄	71.03		0		
Na Cl	58.46		229		13,387

Saturation Values

Distilled Water 20°C

Ca CO ₃	13Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



A Procter & Gamble Co.

RECEIVED

DEC 02 1993

P.O. BOX 1898
CORNICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

DIVISION OF
OIL, GAS & MINING

WATER ANALYSIS REPORT

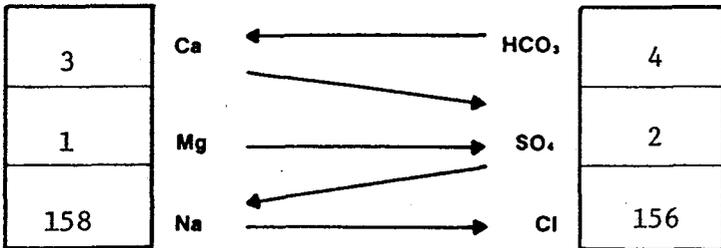
COMPANY P.G. & E. ADDRESS Vernal, UT. DATE: 10-31-90

SOURCE 34-33 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>7.7</u>	
2. H ₂ S (Qualitative)	<u>4.5</u>	
3. Specific Gravity	<u>1.015</u>	
4. Dissolved Solids	<u>9,559</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count		<u>_____</u> C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		<u>_____</u>
8. Bicarbonate (HCO ₃)	HCO ₃ <u>220</u>	<u>÷61</u> <u>4</u> HCO ₃
9. Chlorides (Cl)	Cl <u>5,529</u>	<u>÷35.5</u> <u>156</u> Cl
10. Sulfates (SO ₄)	SO ₄ <u>100</u>	<u>÷48</u> <u>2</u> SO ₄
11. Calcium (Ca)	Ca <u>64</u>	<u>÷20</u> <u>3</u> Ca
12. Magnesium (Mg)	Mg <u>12</u>	<u>÷12.2</u> <u>1</u> Mg
13. Total Hardness (CaCO ₃)	<u>220</u>	
14. Total Iron (Fe)	<u>.4</u>	
15. Barium (Qualitative)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>3</u>		<u>243</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>1</u>		<u>73</u>
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03		<u>2</u>		<u>142</u>
Na Cl	58.46		<u>156</u>		<u>9,120</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



**Jetco
Chemicals,
Inc.**

DEC 02 1993

DIVISION OF

A Procter & Gamble Co.

OIL, GAS & MINERAL

P.O. BOX 1898
CORNICANA, TEXAS 75110

PLANT: 214/874-3706

(U.S.): 800/527-2510

TWX: 910/860-5100

(TX) 800/442-6261

WATER ANALYSIS REPORT

COMPANY NGC ADDRESS Vernal, Utah DATE: 10-21-88

SOURCE 41-5G (Treater) DATE SAMPLED 10-20-88 ANALYSIS NO. _____

Analysis

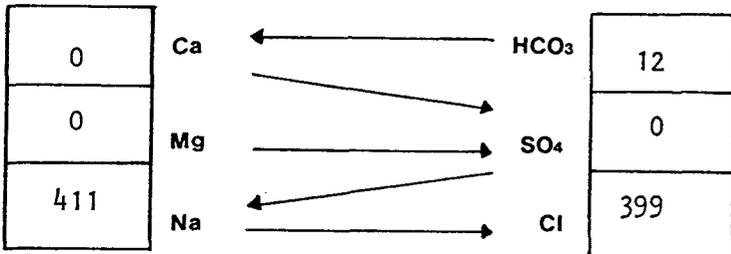
Mg/l (ppm)

*Meq/l

1. pH	<u>8.2</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.016</u>		
4. Dissolved Solids	<u>24,348</u>		
5. Suspended Solids			
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>	
7. (Phenolphthalein) Alkalinity (CO ₃)			
8. (Methyl Orange) Alkalinity (HCO ₃)	<u>600</u>		
9. Bicarbonate (HCO ₃)	HCO ₃ <u>732</u>	+61	<u>12</u> HCO ₃
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	+48	<u>0</u> Cl
11. Chlorides (Cl)	Cl <u>14,160</u>	+35.5	<u>399</u> SO ₄
12. Calcium (Ca)	Ca <u>2</u>	+20	<u>0</u> Ca
13. Magnesium (Mg)	Mg <u>1</u>	+12.2	<u>0</u> Mg
14. Total Hardness (CaCO ₃)	<u>11</u>		
15. Total Iron (Fe)	<u>.7</u>		
16. Barium (Ba)			
17. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

Distilled Water 20°C

Ca CO ₃	13Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>12</u>		<u>1,008</u>
Na SO ₄	71.03		<u>0</u>		<u>0</u>
Na Cl	58.46		<u>399</u>		<u>23,326</u>

REMARKS OIL ANALYSIS: Spec. Gravity = .8867 / API @ 60°F = 22.5 / Pour Point = 87°F



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 2, 1993

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-141

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 2, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-141

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WO1168



AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 14 day of Dec, 1993, and that the last publication of such notice was in the issue of such newspaper dated the 14 day of Dec, 1993.

Subscribed and sworn to before me this

17 day of Dec, 1993

Jean Ercanbrack

Notary Public
JEAN ERCANBRACK
NOTARY PUBLIC, STATE OF UTAH
130 NORTH SKYLINE (55-5)
ROOSEVELT, UT 84066
COMM. EXP. 6-2-96

NOTICE OF AGENCY ACTION

CAUSE NO. UIC 141
IN THE MATTER OF THE APPLICATION OF PG & E RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL OF THE FEDERAL 41-5G, FEDERAL 14-33B, FEDERAL 14-34B, FEDERAL 14-33B, FEDERAL 14-34B, FEDERAL 32-5G, FEDERAL 43-33B & FEDERAL 21-4G WELLS LOCATED IN SECTIONS 33 & 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 4 & 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.1.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of PG & E Resources Company for administrative approval of the Federal 41-5G, Federal 14-33B, Federal 14-34B, Federal 14-33B, Federal 14-34B, Federal 32-5G, Federal 43-33B, and Federal 21-4G Wells, located in Sections 33 & 34, Township 8 South, Range 16 East, and Sections 4 & 5, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

611
FYF
RECEIVED
DEC 22 1993
DIVISION OF OIL, GAS & MINING

Approval has been requested to inject water for the purpose of water flooding in the interval from 4352 feet to 6282 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig or less with a maximum requested injection pressure of 2145 psig. The estimated injection volume will be approximately 400 barrels of water per day.
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas, and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.
Dated this 1st day of December, 1993.
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING, R.J. Firth, Associate Director,
Oil and Gas
Published in the Uintah Basin December 14, 1993

100

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: PGE Resources Wells: Fed. 41-5G, 14-33B, 34-33B
14-34B, 32-5G, 43-33B, 21-4G

Location: section 33, 34, 4, 5 township 8&9South range 16&17East

API #: _____ Well Type: disp. ___ enhanced recov. X

If enhanced recovery has project been approved by the Board ? No

Lease Type: Federal Surface Ownership: BLM

Field: Wells Draw Unit: Wells Draw Indian Country: No

UIC Form 1: Yes Plat: Yes Wells in AOR: 15 Producing

Logs Available: Yes Bond Log: Yes

Casing Program: Adequate(see decision document

Integrity Test: To be run at conversion

Injection Fluid: Fresh water from Balcron

Geologic Information: Green River-Douglas Creek injection interval

Analyses of Injection Fluid: No Formation Fluid: Yes Compat. No

Fracture Gradient Information: .82 psig/ft Parting Pressure
2145 psi

Affidavit of Notice to Owners: Yes

Fresh Water Aquifers in Area: no significant aquifers

Depth Base of Moderately Saline Water: 300 ft

Confining Interval: silts, shales and limes of Green River

Reviewer: D. Jarvis Date: 11-23, 30-93

Comments & Recommendation Application is technically complete, an

analysis of the fresh water and a compatibility test are needed and will be submitted. An MIT will be conducted at the time of conversion. A step rate test will be run when project is operational and the wells have stabilized. A maximum pressure of 2145 psi can be permitted until a step rate test is run.

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: PG&E Resources **Location:** Wells Draw Waterflood Project

Wells: Federal 41-5G, 14-33B, 34-33B, 14-34B, 32-5G, 43-33B, 21-4G

Ownership Issues: The proposed project is located in sections 33 and 34, township 8 south, range 16 east, and sections 4 and 5 of township 9 south range 16 east Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. PG&E Resources has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The seven wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 6000 feet - 6500 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4352-6282 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 15 producing wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 200-300 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .82 psi/ft resulting in a maximum allowed surface pressure of 2145 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: PG&E Resources is in the process of forming a federal waterflood unit. All interested parties have been notified. The Division

does have concerns as to some of the intervals that are perforated for injection. In reviewing cross sections submitted by PGE it appears that a number of perforated intervals in the injection wells are not perforated in the offset producing wells. An additional concern is that offset acreage which may be laterally continuous with the flooded zones has been excluded from the project. These concerns need to be addressed when PGE presents information to the board.

Bonding: PG&E Resources is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: A public notice needs to be published in both the Salt Lake Tribune and the Uinta Basin Standard. Board approval of the project needs to be obtained and BLM approval of the unit is needed. The applications for the injection wells are technically complete. A compatibility analysis needs to be submitted. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. A step rate test should be run once the wells have injected and stabilized to verify fracture gradient information.

DJJ
Reviewers

11-30-93
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 31, 1994

PG & E Resources Company
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

Re: Wells Draw Unit 41-5G, 14-33B, 34-33B, 14-34B, 32-5G, 43-33B, and 21-4G
Wells, Sections 33 & 34, Township 8 South, Range 16 East, and Sections 4 &
5, Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the completed applications submitted.

Following completion of all well conversion work, pressure testing operations and submittal of the results to the Division; a final UIC permit will be issued. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,


R.J. Firth
Associate Director

ldc

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management

W602



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-30096

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Wells Draw Unit

8. Well Name and No.
Federal 32-5-G

9. API Well No.
43-013-30670

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PG&E Resources Company

3. Address and Telephone No.
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
1976' FNL & 1366' FEL SW/4 NE/4 Section 5, T9S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PG&E Resources Company requests approval to convert the Federal 32-5-G well to a water injection well as shown on the attached procedure. A wellbore diagram is also attached for your information.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 2-1-94
BY: [Signature]

RECEIVED
JAN 24 1994
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Sr. Regulatory Analyst Date 01/28/1994

(This space for Federal or State office use)
Federal Approval of this Action is Necessary
Approved by _____ Title _____ Date _____

Conditions of approval, if any:
Test backside to 1000# prior to injection.

FEDERAL 32-5-G
WELLS DRAW UNIT
DUCHESNE COUNTY, UTAH

CONVERSION TO WATER INJECTION

1. MIRU WORKOVER RIG.
2. POH W/RODS & 2-3/8" TBG.
3. GIH W/BAKER MODEL "C" RBP ON WIRELINE & SET @3800'. SPOT 2SX SAND ON BP STINGER.
4. GIH W/CMT RETAINER ON 2-3/8" TBG & SET @3700'.
5. SQZ PERFS 3738' - 3752' W/100SX CLASS "G" CMT.
6. STING OUT OF RETAINER & POH.
7. WOC 24 HRS.
8. RIH W/4-3/4" RB & 4 DC'S ON 2-3/8" TBG. DRLG OUT CMT & CIRC HOLE CLEAN.
9. TEST SQZ TO 500 PSI.
10. POH W/2-3/8" TBG.
11. RUN 2-3/8" TBG W/RET HD. LATCH RBP & POH.
12. RUN BAKER TENSION PKR ON 2-3/8" COATED INJ TBG. SET PKR @4300'.
13. LOAD BACKSIDE W/INHIBITED WTR & PKR FLUID.
14. PUMP BACKSIDE TO 500 PSI TO TEST.
15. PUT ON INJECTION.
16. RELEASE RIG.

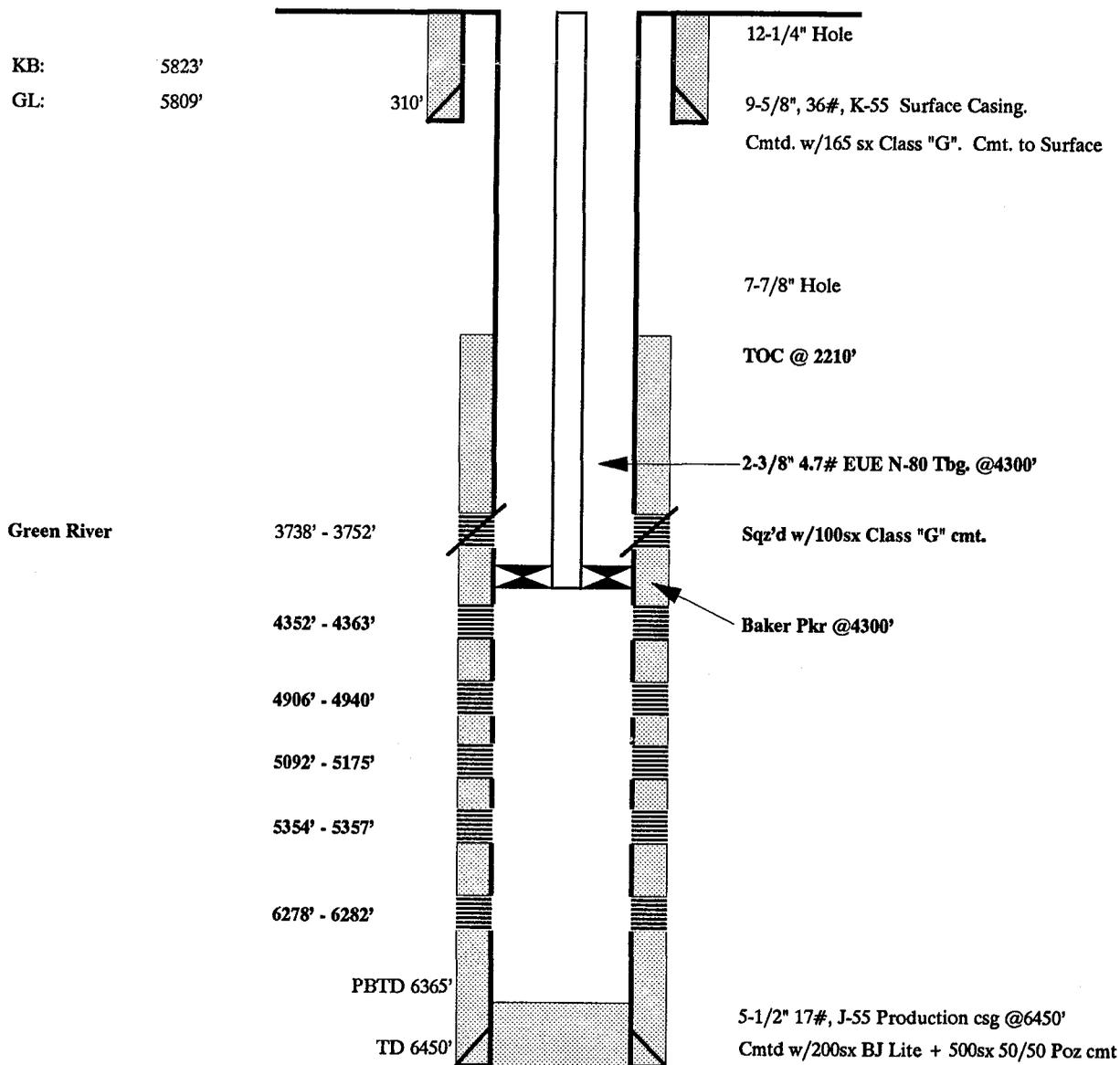
FEDERAL 32-5G

WELLS DRAW UNIT
Duchesne County, Utah
PROPOSED WIW

Spud: 7/19/82
TD Date: 7/30/82
Compl. Date: 11/14/82

Sec 5, T-9S-R16E
SW/4 NE/4

KB: 5823'
GL: 5809'



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
PG&E RESOURCES COMPANY
6688 N CENTRAL EXP #1000
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FRED MORRIS FED 19-1 4301330587	00451	09S 17E 19	GRRV			✓ U13905		
✓ CASTLE PEAK FEDERAL 43-5 4301330858	02043	09S 16E 5	GR-WS			U034217A	(Wells Draw GRRV Unit)	
✓ DEVIL'S PLAYGROUND 32-31W 4304731010	06047	09S 24E 31	MVRD	TA		✓ U9215	(Rec'd 10-21-94)	*PAID 10-24-94
✓ POMCO 14-8 4301330542	06057	09S 17E 8	GRRV			✓ U10760		
✓ FEDERAL 11-9-H 4301330887	06058	09S 17E 9	GRRV			✓ U50750		
✓ FED NGC 31-8H 4301330679	06075	09S 17E 8	GRRV			✓ U10760		
✓ NGC 41-8H 4301330741	06085	09S 17E 8	GRRV			✓ "		
✓ FED 41-30 4301330601	06095	09S 17E 30	GRRV			✓ U11385		
✓ NGC 12-4G 4301330699	06100	09S 16E 4	GRRV			✓ U30076	(Wells Draw GRRV Unit)	
✓ NGC FED 21-5G 4301330698	06105	09S 16E 5	GRRV			✓ "	(Wells Draw GRRV Unit)	
✓ FEDERAL 23-5-G 4301331207	06105	09S 16E 5	GRRV			✓ "	(Wells Draw GRRV Unit)	
✓ NGC FED 32-5G 4301330670	06110	09S 16E 5	GRRV			✓ "	(Wells Draw GRRV Unit)	
✓ FEDERAL 42-4 4301330638	06115	09S 16E 4	GRRV			✓ "	(Wells Draw GRRV Unit)	
TOTALS								

COMMENTS: * Wells Draw GRRV Unit eff. 4/94
* West Willow Creek Unit eff. 10/94
* Ing. Wells (UIC F5)

I hereby certify that this report is true and complete to the best of my knowledge.
Name and Signature: _____ Date: _____
Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 1 1993

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

1976' FNL & 1366' FEL SW/4 NE/4 Section 5, T9S-R16E

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 32-5-G

9. API Well No.

43-013-30670

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Daily Reports</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PG&E Resources Company has commenced operations to convert the Federal 32-5G to a water injection well as shown on the attached daily history.

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

Signed Candy B. Feister Title Supervisor Regulatory Compliance Date 10/06/1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 32-5G
Wells Draw Field
(DALEN Resources Operated)

- 10-05-94 MIRU Pennant WO rig. Prep to unseat D/H, pump hot oil down tbg.
- 10-06-94 No press on well. LD rods & pump, NU BOPE. LD 2-7/8", 6.5# prod tbg (167 jts total). RU to run internally coated tbg.

1994

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF OIL, GAS & MINING

Well name and number: Federal #32-5G
Field or Unit name: Monument Butte Field API no. 43-013-30670
Well location: QQ SW NE section 5 township 9S range 16E county Duchense
Effective Date of Transfer: 10/1/94

CURRENT OPERATOR

Transfer approved by:

Name Jim Johnson Company PG&E Resources Company
Signature *Jim Johnson* Address 6688 N. Central Expwy, Suite 1000
Title Regulatory Analyst Dallas, Texas 75206-3922
Date November 30, 1994 Phone (214) 706-3678

Comments: PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. effective 10/1/94.

NEW OPERATOR

Transfer approved by:

Name Jim Johnson Company DALEN Resources Oil & Gas Co.
Signature *Jim Johnson* Address 6688 N. Central Expwy, Suite 1000
Title Regulatory Analyst Dallas, Texas 75206-3922
Date November 30, 1994 Phone (214) 706-3678

Comments:

(State use only)

Transfer approved by *[Signature]* Title *Environ. Manager*

Approval Date *12-6-94* *Conversion letter 1/31/94*

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION: 7242629

DATE: 09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

UTAH WELLS

OCT 1 1994

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
✓ Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43013-30587
✓ Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
✓ Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
✓ State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
✓ Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
✓ Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
✓ Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
✓ Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
✓ Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
✓ Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
✓ Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
✓ Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
✓ Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
✓ NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
✓ Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
✓ NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
✓ Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
✓ Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
✓ Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
✓ Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
✓ Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
✓ Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
✓ Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
✓ Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
✓ Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
✓ Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
✓ Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
✓ Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250

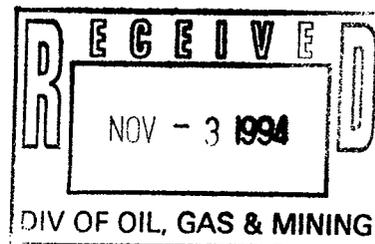
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN Resources Oil & Gas Co.** As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN Resources Oil & Gas Co.** No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN Resources Oil & Gas Co.**

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :
6688 N. Central Expwy., #1000 : Oil and Gas
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

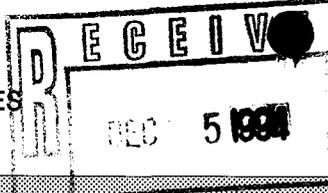
Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2	
To	LISHA CARDOVA	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68109	U-50488 ROW
U-013820	U-39221	UTU-68316	U-50497 ROW
U-013821A	U-39713	UTU-68328	U-50806 ROW
U-017713	U-39714	UTU-68330	U-50809 ROW
U-035316	U-40026	UTU-68338	U-50825 ROW
U-037164	U-46825	UTU-68346	U-50833 ROW
U-0141644	U-47171	UTU-68347	U-53910 ROW
U-0143519	U-49092	UTU-68348	U-54803 ROW
U-0143520A	U-50750	UTU-68388	U-61946 ROW
U-0143521A	U-52765	UTU-68402	U-63969 ROW
U-0147541	U-55626	UTU-68544	UTU-69111 ROW
U-0147541A	U-58546	UTU-68548	
U-2838	U-61052	UTU-68619	
U-6610	U-61189	UTU-68624	
U-6612	U-62657	UTU-68625	
U-6615	UTU-65218	UTU-68626	
		UTU-68627	

U-034217A x confirmed BLM/SL
11-29-94. Jc

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



6. Lease Designation and Serial Number U-30096
7. Indian Allottee or Tribe Name
8. Unit or Communication Agreement
Wells Draw Unit
9. Well Name and Number Federal 32-5-G
10. API Well Number 43-013-30670
11. Field and Pool, or Wildcat Monument Butte
County : Duchesne State : UTAH

SUNDRY NOTICES AND REPORTS ON WELLS, GAS & MINING
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT—for such proposals.

1. Type of Well
 Oil Well Gas Well Other (Specify) WIW

2. Name of Operator
 DALEN Resources Oil & Gas Co.

3. Address of Operator
 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Telephone Number
 (214) 750-3800

5. Location of Well
 Footage : 1976' FNL & 1366' FEL SW/4 NE/4
 County : Duchesne
 QQ. Sec, T., R., M. : Section 5, T9S-R16E
 State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit in Duplicate)

Abandonment * New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Test Water Shut-Off
 Other Test casing

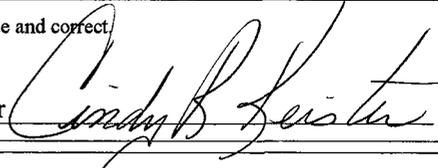
Date of Work Completion 10/07/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DALEN Resources tested the casing to 1000 psi on 10/07/94 as shown on the attached report.

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

Name & Signature Cindy R. Keister  Title Supervisor Regulatory Compliance Date 11/30/1994

(State Use Only) CC: BLM - Vernal

WELL HISTORY

Federal 32-5G
Wells Draw Field
(DALEN Resources Operated)

- 10-05-94 MIRU Pennant WO rig. Prep to unseat D/H, pump hot oil down tbg..
- 10-06-94 No press on well. LD rods & pump, NU BOPE. LD 2-7/8", 6.5# prod tbg (167 jts total). RU to run internally coated tbg.
- 10-07-94 Ran Miller AD-1 Tension Pkr (coated int.) on 2-7/8", 6.5#, J-55 , 8R tbg (int. coated w/ceramkote 54) w/SN. Drop SV & pressure test tbg to 2000 psi then test casing to 1000 psi, OK. ND. RR.
- 10-08-94 No report. DROP UNTIL FURTHER ACTIVITY.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Surety W1870145/80,000 "Rider to Daken" rec'd 10-3-94.
*Trust Land/Ed "Rider" Appr. 10-5-94 # W2164274/80,000.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new ^{Upon compl. of routing.} and former operators' bond files.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) N/A. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DD 2. Copies of documents have been sent to State Lands for changes involving State leases. 2/8/94 to Ed Bonn

FILMING

- 1. All attachments to this form have been microfilmed. Date: December 15 1994.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 B.m/s.g. Not appr. yet!
941125 " Appr.'d.

RECEIVE

JAN - 3 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

BUREAU OF LAND MANAGEMENT
DIV OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Wells Draw Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

32-5-G

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Section 5, T9S, R16E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other WIW
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR Other _____

2. NAME OF OPERATOR
DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)*
At surface 1976' FNL & 1366' FEL SW/4 NE/4 Sec. 5
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. 43-013-30670 DATE ISSUED _____
12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 07/19/82 16. DATE T.D. REACHED 07/30/82 17. DATE COMPL. (Ready to prod.) 10/13/94 18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 5823' RKB 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 6450' 21. PLUG, BACK T.D., MD & TVD 6365' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS XX CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 4352' - 6282' (Injection Interval) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/CNL-FDC/Proximity-Micro Log 27. WAS WELL CORDED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	310'	12-1/4"	165sx Class "G" w/additives	0
5-1/2"	17#	6450'	7-7/8"	200sx BJ Lite w/additives + 700sx 50/50 Poz	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4314'	4314'

31. PERFORATION RECORD (Interval, size and number)

Interval	SPF	Holes
6278' - 6282'	3	13
5092' - 5357'	1	14
4906' - 4940'	1	26
4352' - 4363'	2	23

32. ACID, SHOT, FRACTURE, CEMENT

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)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	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.) TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

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

SIGNED Cindy B. Keister TITLE Supervisor Regulatory Compliance DATE 12/28/1994

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

37. SUMMARY OF POROUS ZONES: (show all important zones of porosity and contents thereof; cored intervals; and all drill-stems, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River		1774'
				Oil Shale Facies		2387'
				Delta Facies		3452'
				Green Shale Marker		4498'
				Black Shale Facies		5729'
				Green River Lime		6210'
				Wasatch		6406'

FEDERAL 32-5-G WIW

WELLS DRAW UNIT
Duchesne County, Utah

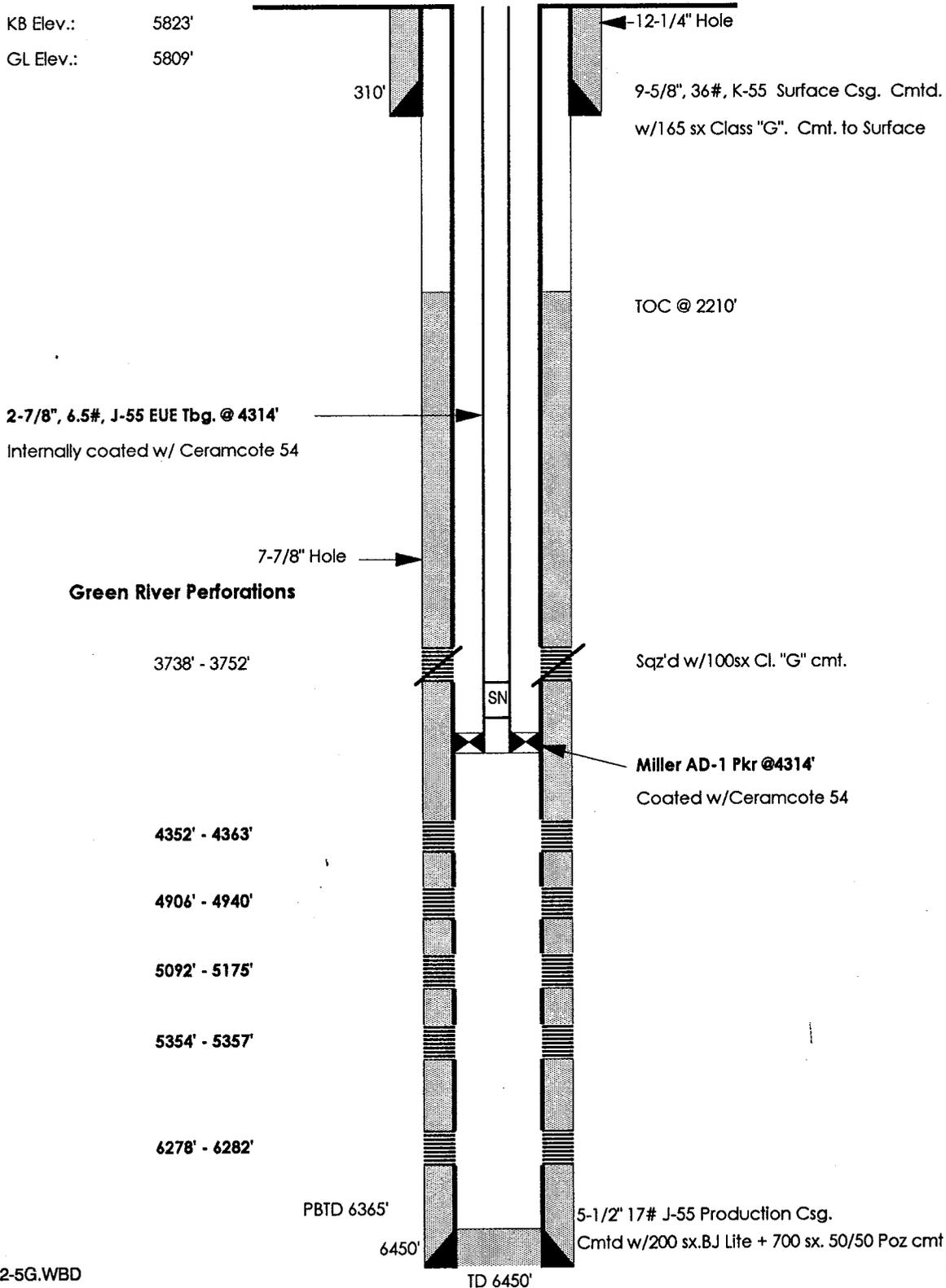
Sec. 5, T9S-R16E

614' FSL & 1885' FEL

SW/4 E/4

Spud date: 7/19/82
TD Date: 7/30/82
Compl. Date: 11/14/82
Conversion Dt: 10/13/94

KB Elev.: 5823'
GL Elev.: 5809'



2-7/8", 6.5#, J-55 EUE Tbg. @ 4314'
Internally coated w/ Ceramcote 54

Green River Perforations

3738' - 3752'

4352' - 4363'

4906' - 4940'

5092' - 5175'

5354' - 5357'

6278' - 6282'

PBDT 6365'

6450'

TD 6450'

9-5/8", 36#, K-55 Surface Csg. Cmt.
w/165 sx Class "G". Cmt. to Surface

TOC @ 2210'

7-7/8" Hole

SN

Miller AD-1 Pkr @ 4314'
Coated w/Ceramcote 54

Sqz'd w/100sx Cl. "G" cmt.

5-1/2" 17# J-55 Production Csg.
Cmt. w/200 sx.BJ Life + 700 sx. 50/50 Poz cmt

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other WIW

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

1976' FNL & 1366' FEL SW/4 NE/4 Section 5, T9S-R16E

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 32-5-G

9. API Well No.

43-013-30670

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment

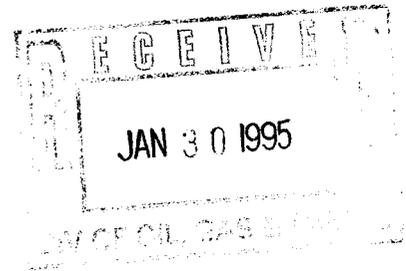
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other First water injection
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DALEN Resources began injecting water on January 11, 1985 at a rate of approximately 145 BWPD. We plan to increase the injection rate to approximately 425 BWPD.



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

Signed

Cindy R. DeLoach

Title

Supervisor Regulatory Compliance

Date

01/24/1995

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

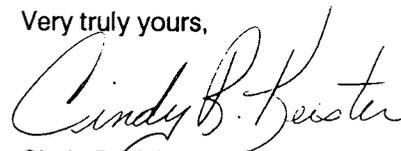
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

**ENSERCH
EXPLORATION** INC.

4849 Greenville Avenue, Suite 1200
Dallas, Texas 75206-4186

January 18, 1996

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Mr. Dan Jarvis

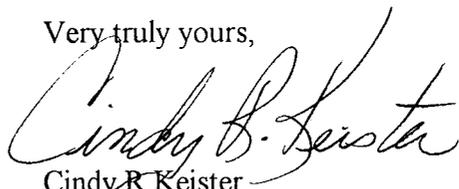
RE: Operator Changes - UIC Wells
Pleasant Valley Unit
Wells Draw Unit
West Willow Creek Unit
Duchesne & Uintah Counties, Utah

Gentlemen:

Attached is an original and one (1) copy of UIC Form 5 "Transfer of Authority to Inject" changing the operator from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. for the water and gas injection wells in the referenced units. Also attached is a copy of the Certificate of Merger from the Secretary of the State of Texas certifying the Articles of Merger.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Central File
Regulatory File

United States Department of the Interior
BUREAU OF LAND MANAGEMENT

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

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM





Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF**DALEN Corporation****INTO****Enserch Exploration, Inc.**

FILED
In the Office of the
Secretary of State of Texas
DEC 19 1995
Corporations Section

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ("DALEN"), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
 Name: J. W. Pinkerton
 Title: Vice President and Controller,
 Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE (No Permit)** corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

Ant

Antonio O. Garza, Jr.
Secretary of State

MAC

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Federal 32-5G
Field or Unit name: Wells Draw Unit API no. 43-013-30670
Well location: QQ NE section 5 township 9S range 16E county Duchesne
Effective Date of Transfer: 01/01/96

CURRENT OPERATOR

Transfer approved by:

Name Cindy R. Keister Company DALEN Resources Oil & Gas Co.
Signature *Cindy R. Keister* Address 6688 N. Central Expwy., Suite
Title Regulatory Compliance Specialist Dallas, TX 75206
Date 01/18/96 Phone (214) 987-6353

Comments: DALEN Resources was merged into Enserch Exploration, Inc.

NEW OPERATOR

Transfer approved by:

Name Cindy R. Keister Company Enserch Exploration, Inc.
Signature *Cindy R. Keister* Address 4849 Greenville Ave., Suite 1200
Title Regulatory Compliance Specialist Dallas, TX 75206
Date 01/18/96 Phone (214) 987-6353

Comments:

(State use only)

Transfer approved by *M. J. D.* Title *Environmental Manager*
Approval Date 2-13-96

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:

1-LEC / <i>LEC</i>
2-DTS/ST-FILE <i>ST</i>
3-VLD-8-FILE
4-RJF <i>RJF</i>
5-LEC <i>LEC</i>
6-SJ <i>SJ</i>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator) <u>ENSERCH EXPLORATION INC</u>	FROM (former operator) <u>DALEN RESOURCES OIL & GAS</u>
(address) <u>4849 GREENVILLE AVE STE 1200</u>	(address) <u>6688 N CENTRAL EXP #1000</u>
<u>DALLAS TX 75206</u>	<u>DALLAS TX 75206-3922</u>
<u>CINDY KEISTER</u>	<u>CINDY KEISTER</u>
phone (214) <u>987-6353</u>	phone (214) <u>987-6353</u>
account no. <u>N4940 (1-29-96)</u>	account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
- lec* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) If yes, show company file number: #171513. *(ref. 1-4-95)*
- lec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- lec* 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- lec* 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust lands / Bond & lease update in progress!*

- Y* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- VDP* 1. All attachments to this form have been microfilmed. Date: March 14 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Appr. eH. 12-31-95.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

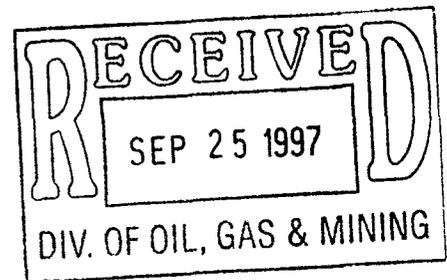
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-30096
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. 475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900	7. If Unit or CA, Agreement Designation Wells Draw Unit
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) Section 5, SW/4 NE/4 T9S-R16E	8. Well Name and No. Federal 32-5G
	9. API Well No. 43-013-30670
	10. Field and Pool, or Exploratory Area Wells Draw (GR)
	11. County or Parish, State Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-30096

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Wells Draw Unit

8. Well Name and No.
Federal 32-5G

9. API Well No.
43-013-30670

10. Field and Pool, or Exploratory Area
Wells Draw (GR)

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
ENSERCH EXPLORATION INC.

3. Address and Telephone No.
4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

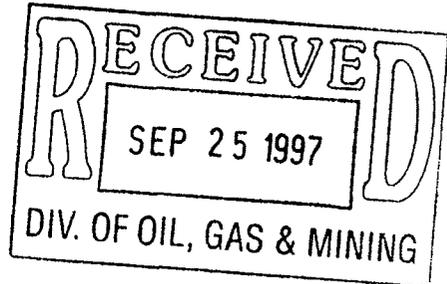
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
Section 5, SW/4 NE/4 T9S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Change of Operator</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the WDU #32-5G Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.

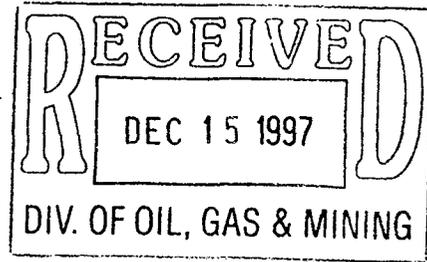


14. I hereby certify that the foregoing is true and correct
 Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

CC: UTAH DOGM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached WELLS DRAW (GRRV) UNIT
Field or Unit name: See Attached API no. See Attached
Well location: QQ section township range county
Effective Date of Transfer: See Attached

CURRENT OPERATOR

Transfer approved by:

Name DAVID R. HENDERSON Company Enserch Exploration, Inc.
Signature *David R. Henderson* Address 4849 Greenville Ave., 1200
Title Executive Vice President and Dallas, Texas 75206-4186
Chief Operating Officer
Date 11/13/97 off. 3/31/97 Phone (214) 369-7893

Comments:

NEW OPERATOR

Transfer approved by:

Name CHRIS A. POTTER Company Inland Production Company
Signature *Chris A. Potter* Address 475 17th Street, Suite 1500
Title Attorney-in-Fact Denver, Colorado 80202
Date 11/24/97 Phone (303) 292-0900

Comments:

(State use only)
Transfer approved by *C. Hunt* Title *Field Manager*
Approval Date 1/6/98 CAUSE No. 231-1

* Copies mailed to operators on 1-6-98. JHC

Injection Wells Formerly Operated by EEX

<u>LEASE</u>	<u>TWP</u>	<u>RGE</u>	<u>SEC</u>	<u>QTR</u>	<u>QTR</u>	<u>COUNTY</u>	<u>STATE</u>	<u>FIELD</u>	<u>API</u>	<u>LEASENUM</u>
ALLEN FED #44-5	09S	17E	5	SE/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330913	U-020252
FED #11-9H	09S	17E	9	NW/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330887	U-50750
FED #22-8H	09S	17E	8	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331457	U-10760
FED #33-9H	09S	17E	9	NW/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331108	U-61052
FED NGC #22-9H	09S	17E	9	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331049	U-50750
PLSNT VLY #31-8H	09S	17E	8	NW/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330679	U-10760
PLSNT VLY #42-8H	09S	17E	8	SE/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330678	U-10760
PLSNT VLY FD #13-9H	09S	17E	9	NW/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330656	U-37810
PLSNT VLY FD #24-9H	09S	17E	9	SE/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330682	U-50750
NGC FED 32-5G	09S	16E	5	SW/NE		DUCHESNE	UT	WELLS DRAW UT	4301330670	U-30096
WD FED 14-33-B	08S	16E	33	SW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331229	U-49092
WD FED 14-34-B	08S	16E	34	NW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331225	U-47171
WD FED 21-4-G	09S	16E	4	NE/NW		DUCHESNE	UT	WELLS DRAW UT	4301331272	U-30096
WD FED 34-33-B	08S	16E	33	SW/SE		DUCHESNE	UT	WELLS DRAW UT	4301331269	U-49092
WD FED 41-5-G	09S	16E	5	NE/NE		DUCHESNE	UT	WELLS DRAW UT	4301331205	U-30096
WD FED 43-33-B	08S	16E	33	NE/SE		DUCHESNE	UT	WELLS DRAW UT	4301331240	U-49092

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
U-30096

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
NGC FED 32-5G

9. API Well No.
43-013-30670

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other Injection

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1976 FNL 1366 FEL SW/NE Section 5, T09S R16E

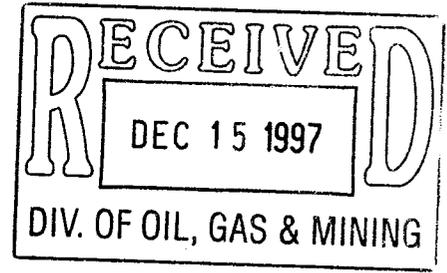
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Csg Integrity Test</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU Pennant #18. TOH w/pipe. TIH w/139 jts tbg, SN, arrow set 1 pkr. RDMOL. The NGC Fed #32-5G location was placed back on injection on 11/11/97. Please refer to the attached csg integrity tests, and copies of the charts.



14. I hereby certify that the foregoing is true and correct
Signed Shaunen Smith Title Engineering Secretary Date 12/10/97

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: UTAH DOGM

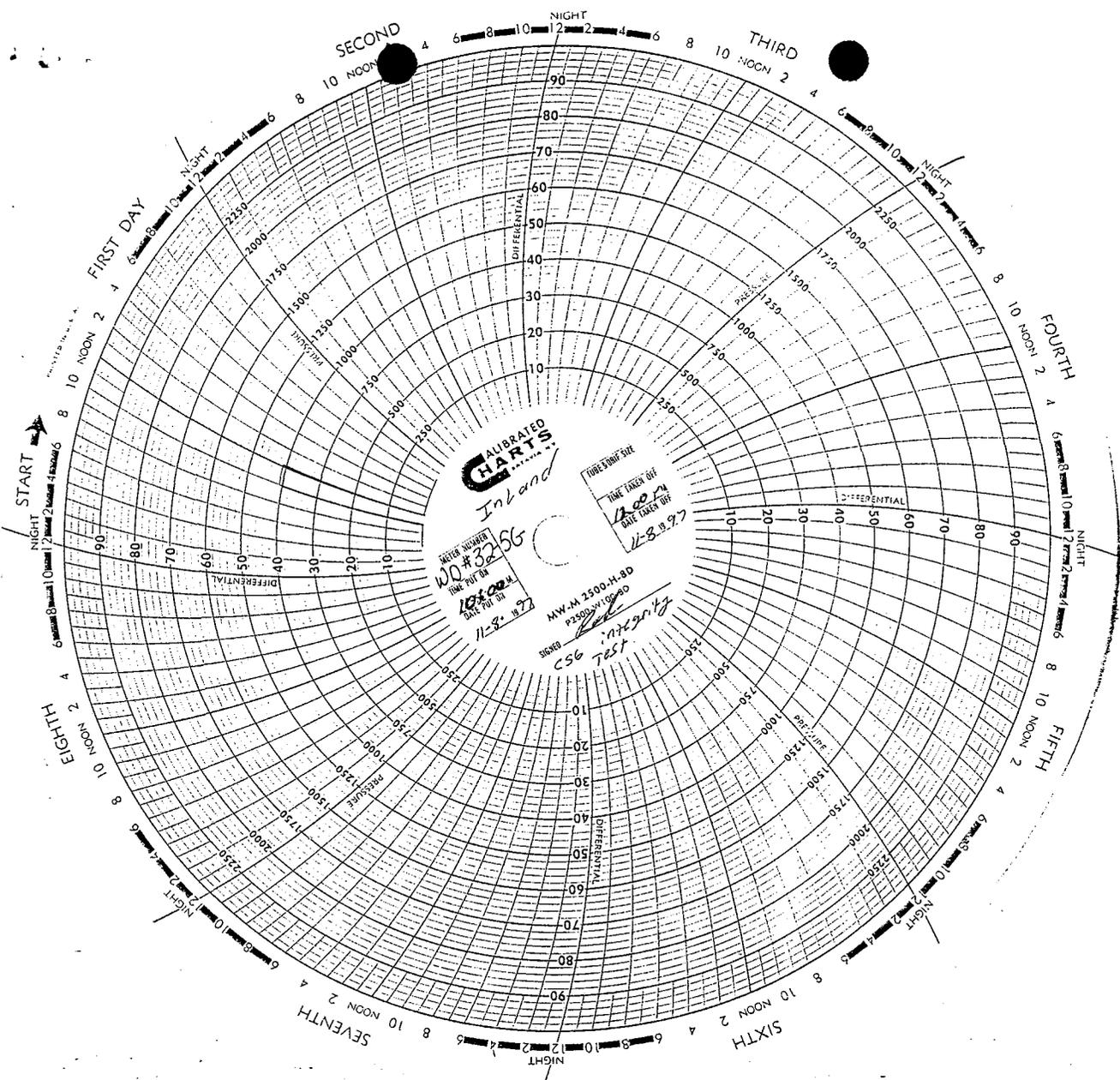
CASING INTEGRITY TEST

NGC FED #32-5G
SW/NE SEC. 5, T9S, R16E
DUCHESNE COUNTY, UTAH

0 MIN	1025 PSIG
10 MIN	1025 PSIG
20 MIN	1025 PSIG
30 MIN	1025 PSIG
40 MIN	1025 PSIG
50 MIN	1025 PSIG
60 MIN	1025 PSIG
70 MIN	1025 PSIG
80 MIN	1025 PSIG
90 MIN	1025 PSIG
100 MIN	1025 PSIG
120 MIN	1025 PSIG

TUBING PRESSURE 0 PSI

TEST CONDUCTED BY RODDIE BIRD/INLAND PRODUCTION COMPANY ON 11/8/97
CONTACTED DOGM AND BLM PRIOR TO TEST
NO REPRESENTATIVE PRESENT PER THEIR REQUEST





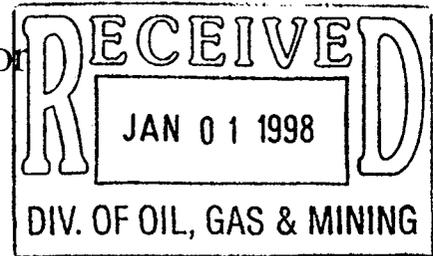
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155



December 31, 1997

Inland Production Company
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (Green River) Unit.

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

Sincerely,

/s/ George Diwachak

for Robert A. Henricks
Chief, Branch of Fluid Minerals

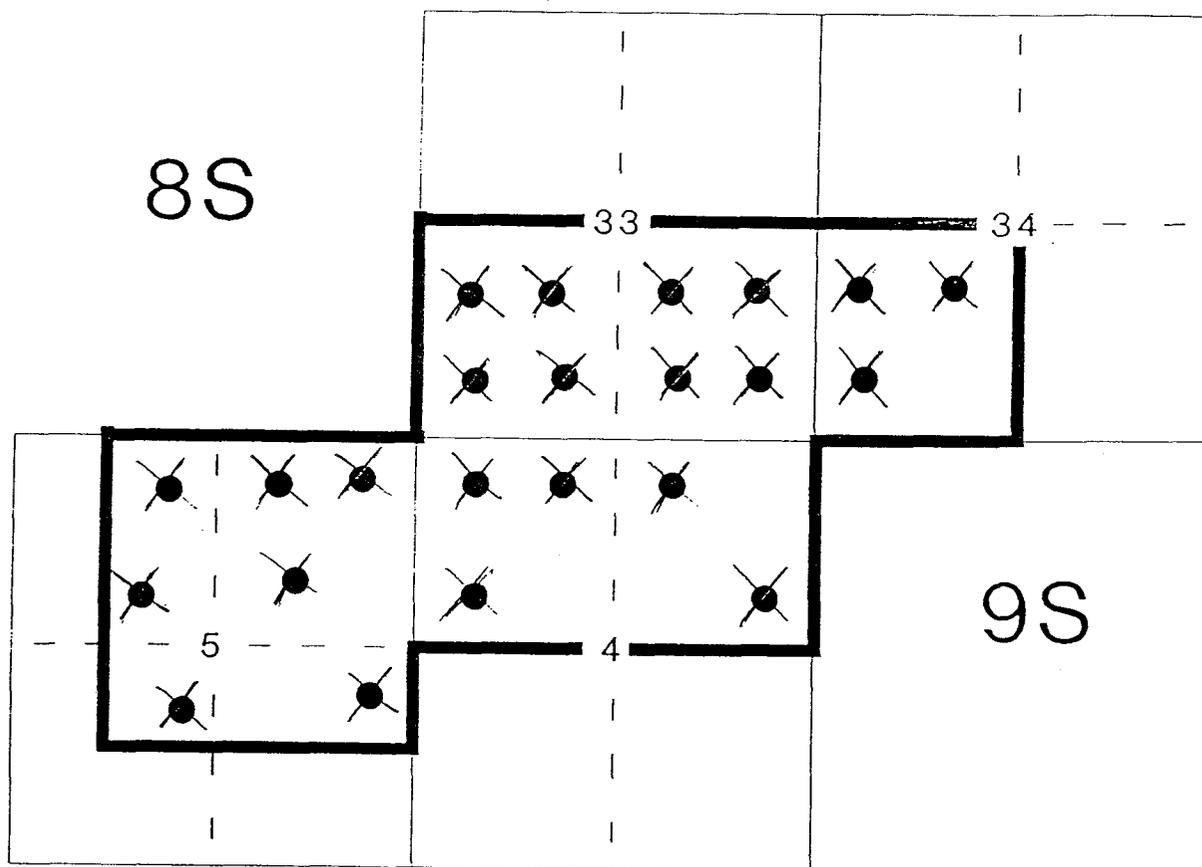
Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Wells Draw (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:12/31/97

WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



— UNIT OUTLINE (UTU72613A)

SECONDARY
ALLOCATION
FEDERAL 100%

OPERATOR INLAND PRODUCTION CO

OPERATOR ACCT. NO. N 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12276							DUCHESNE		8-16-97
WELL 1 COMMENTS: *SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT) OPERATOR REQ CHG FOR TAX & ROYALTY; & DISPOSITION REPORTING.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)
Signature
ADMIN. ANALYST 1-2-98
Title Date
Phone No. ()

INLAND PRODUCTION COMPANY
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

OPERATOR CHANGE WORKSHEET

Routing	
1-DEC ✓	6-DEC ✓
2-DEC ✓	7-KAS ✓
3-DPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
- Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION CO</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>4849 GREENVILLE AVE #1200</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-4145</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed: ***WELLS DRAW (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30670</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-2-98) X UIC DBase & QuaHro Pro.*
6. **Cardex** file has been updated for each well listed above. *(1-2-98)*
7. **Well file labels** have been updated for each well listed above. *(1-2-98)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-2-98)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Yes 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A **copy of this form** has been placed in the new and former operator's bond files.
- ____ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated ^{1/7/98} _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98

FILING

- ____ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ____ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980102 BLM/SL Oprv. Wells Draw (GRV) Unit eff. 12-31-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WELLS DRAW

8. Well Name and No.

NGC FED 32-5G

9. API Well No.

43-013-30670

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

WIW

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

1976 FNL 1366 FEL SW/NE Section 5, T09S R16E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **MIT**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

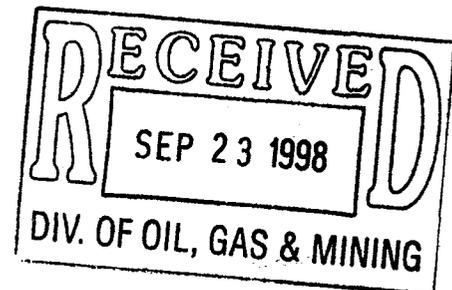
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A mechanical integrity test was performed on 11-8-97. The casing was tested to 1000 psi.

Attachments:

- 1. Daily Workover Report"
- 2. Copy of Chart



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

9/18/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



Daily Workover Report

WELLS DRAW FEDERAL 32-5G
SW/NE Sec. 5, 9S, 16E
Duchesne Co., Utah
API # 43-013-30670

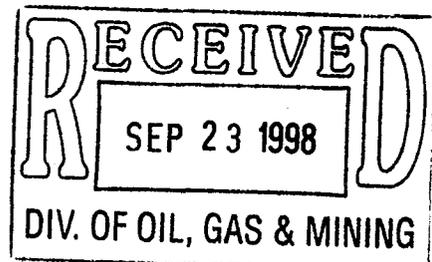
Spud Date: 7/19/82
TD: 6450'
Workover Rig: Pennant #18

11/7/97 PO: TOH w/pipe. (Day 1)

Summary: 11/6/97 - MIRU Pennant #18. ND wellhead. Release AD pkr. NU BOP.
TOH w/100 jts 2-7/8" tbg, breaking & doping connections w/Liquid-O-Ring. SIFN.
DC: \$4,861 TWC: \$4,861

11/8/97 PO: Csg integrity test. (Day 2)

Summary: 11/7/97 - TOH w/tbg & AD pkr, doping every pin end w/Liquid-O-Ring. TIH
w/139 jts tbg, SN, arrow set 1 pkr. RU hot oil trk to csg. Pump 60 bbls fresh wtr w/5
gals pkr fluid. Set packer @ 4317' in 16,000# tension. Test pkr & csg to 1000 psi.
RDMO.
DC: \$4,384 TWC: \$9,245



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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. U-30096	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME WELLS DRAW	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME NGC FED 32-5G	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. NGC FED 32-5G	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE Section 5, T9S R16E 1976 FNL 1366 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Section 5, T9S R16E	
14. API NUMBER 43-013-30670	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5809 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

A 5 year MIT was conducted on the subject well. On 9/24/02 Mr. Dennis Ingram w/ State DOGM was contacted and set up a time to conduct the MIT on the casing. On 9/24/02 the casing was pressured to 1200 psi w/ no pressure loss charted in the 1/2 hour test. No Governmental agencies were able to witness the test.

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

Date: 10-01-02
By: [Signature]

10-2-02
640

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 9/26/2002
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 9 / 24 / 02 Time 1:00 am pm

Test Conducted by: BRET HENRIE

Others Present: _____

Well: <u>WELLS DRAW 32-54-9-16</u>	Field: <u>WELLS DRAW</u>
Well Location: <u>SW/NE SEC. 5, T4S, R16E</u>	API No: _____

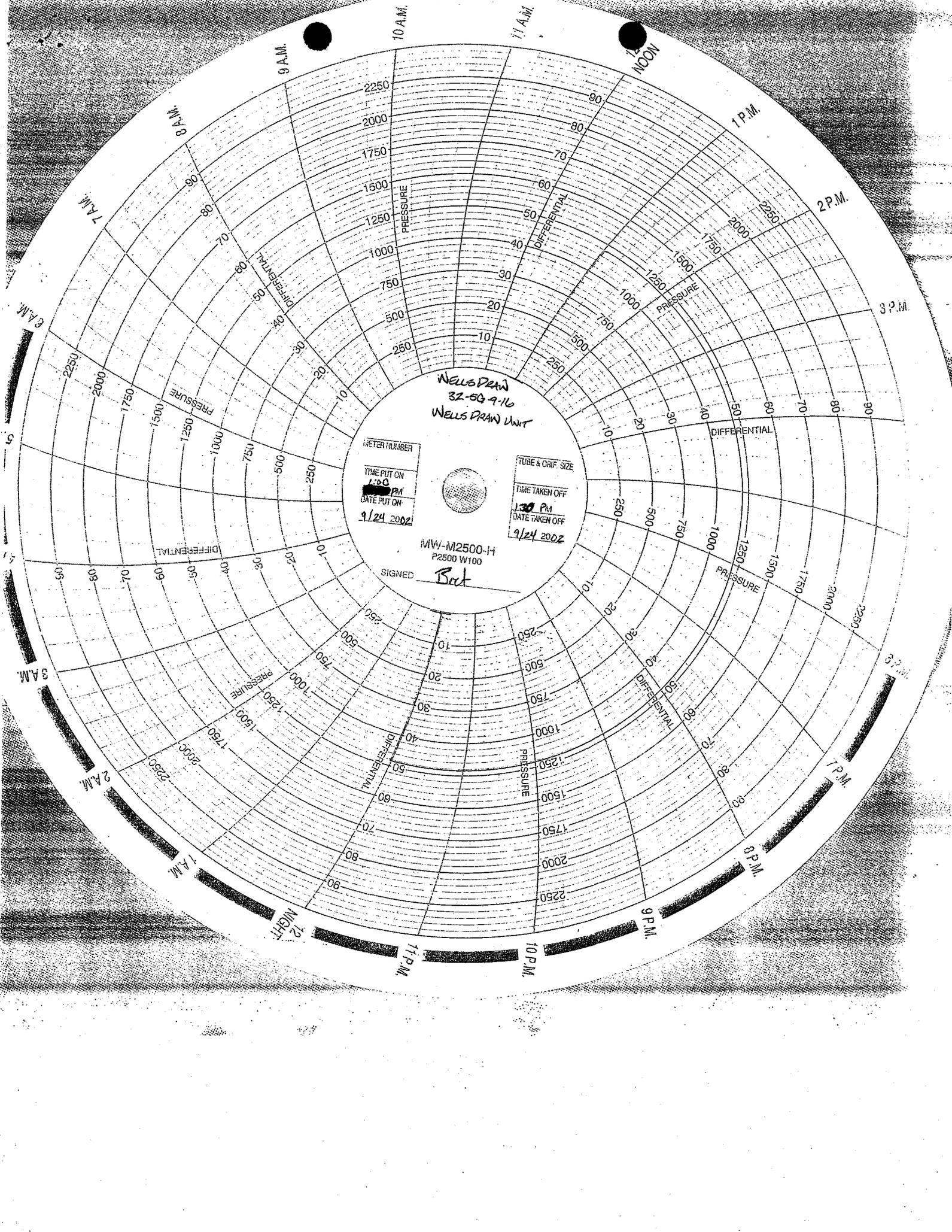
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1200</u>	psig
5	<u>1200</u>	psig
10	<u>1200</u>	psig
15	<u>1200</u>	psig
20	<u>1205</u>	psig
25	<u>1205</u>	psig
30 min	<u>1205</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1800 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Bret Henrie



Wells Draw
32-54 9-16
WELLS DRAW UNIT

METER NUMBER
TIME PUT ON
1:00 PM
DATE PUT ON
9/24 2002

TUBE & ORIF. SIZE
TIME TAKEN OFF
3:30 PM
DATE TAKEN OFF
9/24 2002

MW-M2500-H
P2500 W100

SIGNED
Bret



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Deant* Approval Date: 9-20-04
Title: *Tech. Services Manager*

Comments: Note: Indian Country wells will require EPA approval.

(5/2003)

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

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

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

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

INJECTION WELL - PRESSURE TEST

Well Name: <u>Wells Pgw 32-5G</u>	API Number: <u>43-013-30670</u>
Qtr/Qtr: <u>S/N/E</u> Section: <u>S</u>	Township: <u>9S</u> Range: <u>16E</u>
Company Name: <u>NEWFIELD</u>	
Lease: State <u>D</u> Fee _____	Federal <u>UT 47243A</u> Indian _____
Inspector: <u>Dennis J. [Signature]</u>	Date: <u>8-31-07</u>

Initial Conditions:

Tubing - Rate: Not injecting Pressure: 1860 psi
 Casing/Tubing Annulus - Pressure: 1230 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1230</u>	<u>1860</u>
5	<u>1230</u>	<u>1860</u>
10	<u>1230</u>	<u>1860</u>
15	<u>1230</u>	<u>1860</u>
20	<u>1230</u>	<u>1860</u>
25	<u>1230</u>	<u>1860</u>
30	<u>1230</u>	<u>1860</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1860 psiCasing/Tubing Annulus Pressure: 1230 psiCOMMENTS: Test of 5 year rule @ 11:00 am

[Signature]
 Operator Representative

RECEIVED

SEP 13 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-30096

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER WI

8. WELL NAME and NUMBER:
NGC FED 32-5G

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330670

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1976 FNL 1366 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 5, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>08/31/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 8/30/07 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 8/31/07. On 8/31/07 the csg was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1860 psig during the test. There was not a State representative available to witness the test.
API # 43-013-30670

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

Date: 10-01-07
By: [Signature]

10-507
Rm

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk

SIGNATURE [Signature] DATE 09/20/2007

(This space for State use only)

RECEIVED
SEP 26 2007
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: DENNIS Ingram Date 8/31/07 Time 11:00 am pm

Test Conducted by: Gregory W. Mark

Others Present: _____

Well: <u>WD-32-56-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SW/NE SEC 5 T9S-R16E</u>	API No: <u>43-013-30670</u>

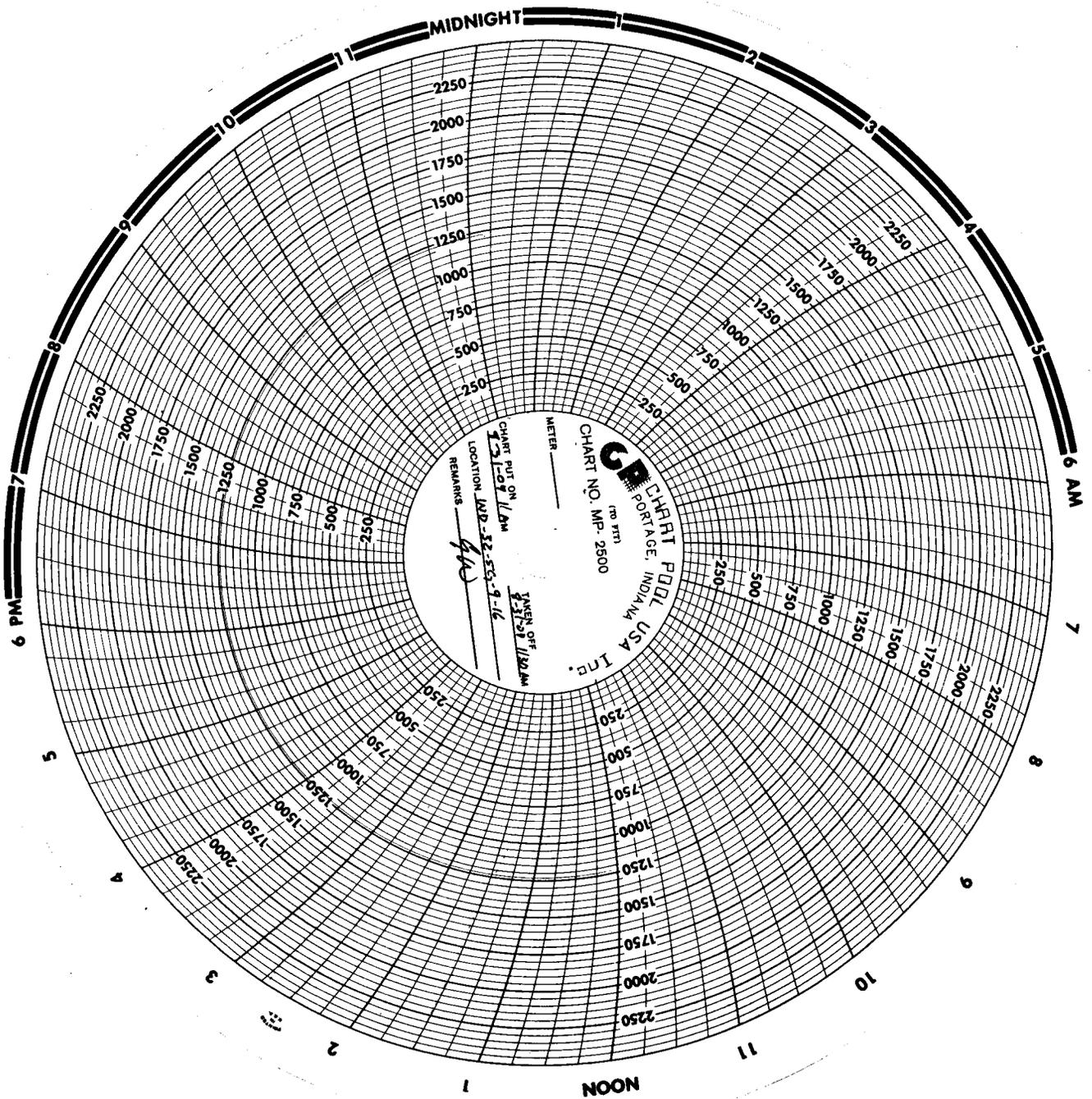
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1230</u>	psig
5	<u>1230</u>	psig
10	<u>1230</u>	psig
15	<u>1230</u>	psig
20	<u>1230</u>	psig
25	<u>1230</u>	psig
30 min	<u>1230</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1860 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Gregory W. Mark



CSP
CHART PUBL. PORTAGE, INDIANA
CHART NO. MP-2500
(70 YRS)
USA INC.

CHART PUT ON 11 AM
TAKEN OFF 8:31 PM 11/20 AM
LOCATION MD-32-53-9-16
REMARKS 40

METER _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-30096
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: NGC FED 32-5G
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013306700000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1976 FNL 1366 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 05 Township: 09.0S Range: 16.0E Meridian: S
	COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/25/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>

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

On 7/16/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/25/2012 the casing was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1920 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 31, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/31/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 7/25/12 Time 11:10 am pm
Test Conducted by: Kody Olson
Others Present: _____

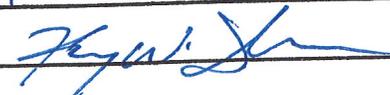
Well: <u>32-56-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SW/NE Sec. 5, T9S, R16E</u> <u>Duchesne County, UT UTU 87538 X</u>	API No: <u>43-013-30670</u>

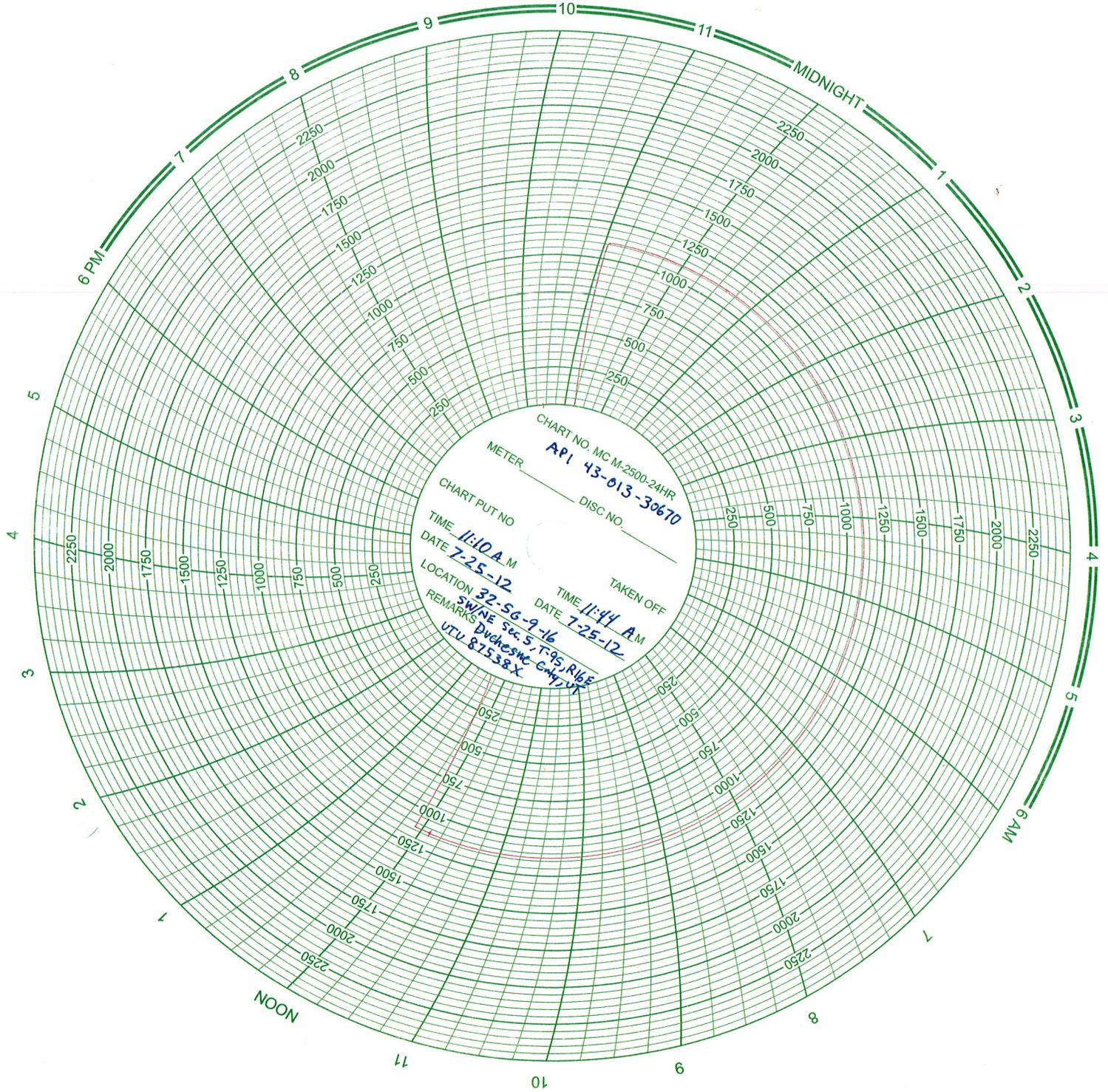
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1110</u>	psig
5	<u>1110</u>	psig
10	<u>1110</u>	psig
15	<u>1110</u>	psig
20	<u>1110</u>	psig
25	<u>1110</u>	psig
30 min	<u>1110</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1920 psig

Result: **Pass** **Fail**

Signature of Witness: 

Signature of Person Conducting Test: 



Spud Date: 7/19/82
 Completion: 11/14/82
 Put on Injection: 1/11/95
 GL: 5809' KB: 5823'

NGC Federal 32-5G-9-16

Initial Production: 290 BOPD,
 115 MCFPD, 9 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: ?
 DEPTH LANDED: 310'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 sxs Class "G" cmt

PRODUCTION CASING

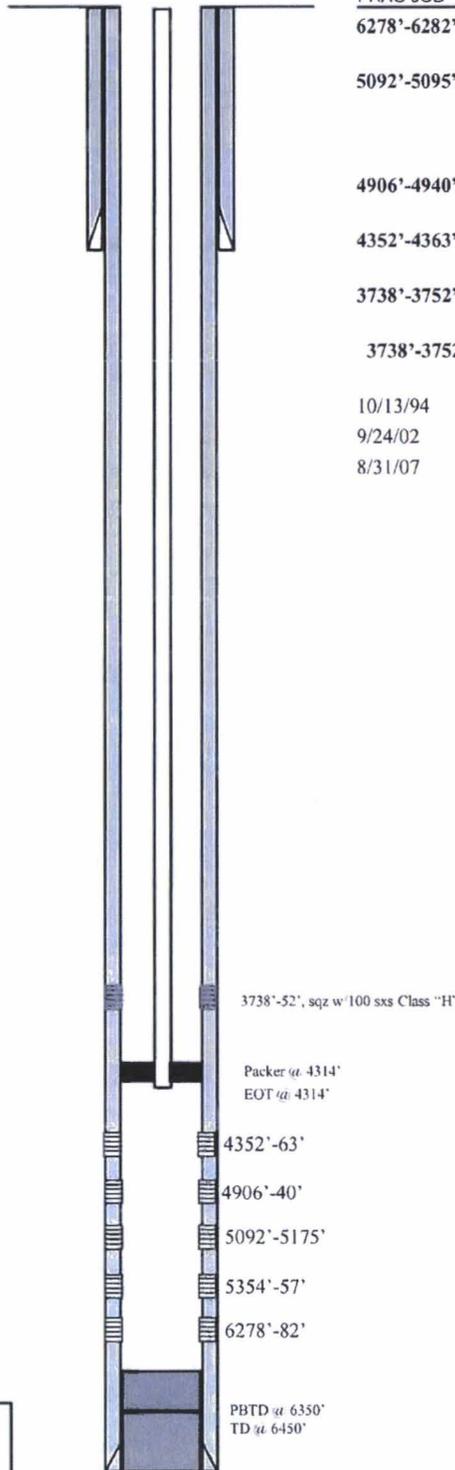
CSG SIZE: 5-1/2"
 GRADE: N-80
 WEIGHT: 17#
 LENGTH: ?
 DEPTH LANDED: 6450'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 200 sxs BJ Lite & 700 sxs 50-50 Poz.cmt
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 139 jts
 PACKER: 4314'
 TOTAL STRING LENGTH: 4314'

FRAC JOB

6278'-6282' Acidize w/36 bbls. 15% MCA, ISIP 2100#.
5092'-5095' Acidize w/25 bbls. KCL, 100 gal 15% frac w/45,100 gal fluid and 115,000 lbs. sand. ISIP 2310#.
4906'-4940' Frac w/37,190 gal fluid and 75,740 lbs. sand. ISIP 3800#.
4352'-4363' Frac w/34,910 gal fluid and 95,200 lbs. sand. ISIP 2350#.
3738'-3752' Frac w/30,670 gal fluid and 62,000 lbs. sand. ISIP 1900#.
3738'-3752' Sqz off w/100 sx. Class H cmt - held 3000 psi.
 10/13/94 Convert to injection well
 9/24/02 5 yr MIT
 8/31/07 5 Year MIT completed and submitted.



PERFORATION RECORD

6278'-6282'	3 JSPF	13 holes
5092'-5357'	1 JSPF	14 holes
4906'-4940'	1 JSPF	26 holes
4352'-4363'	2 JSPF	23 holes

NEWFIELD

NGC Federal 32-5G
 1976 FNL 1366 FEL
 SWNE Section 5-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30670; Lease #U-30096