

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1941' FNL, 1983' FEL, Section 29, T.9S, R.18E SW $\frac{1}{4}$ NE $\frac{1}{4}$
 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
 1920

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
 7500'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5150' GR

22. APPROX. DATE WORK WILL START*
 May 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24#, K-55	300'	To surface
7-7/8	4-1/2	11.6# N-80	TD	2500' fill NOT ADEQUATE

See attached sheets.

NEED TO COMPLY WITH OIL SHALE STIPS

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 W^m Ryan TITLE Petroleum Engineer DATE January 28, 1982
William A. Ryan
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. J. Martin for E. W. Guynn
 TITLE District Oil & Gas Supervisor DATE MAR 10 1982
 CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Operations; C. T. Clark; E. R. Henry

NOTICE OF APPROVAL

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

State 846

Minerals Management Service
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

MINERALS MANAGEMENT SERVICE
OIL & GAS OPERATIONS
RECEIVED
MAR 9 1982
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California
Project Type Oil Well
Project Location 1941' FNL 1983' FEL Section 29, T.9S., R.18E.
Well No. 32-29 Lease No. V-19267
Date Project Submitted February 4, 1982

FIELD INSPECTION

Date March 3, 1982

Field Inspection Participants

Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Bill Ryan - NGCC
Leonard Heeney - Ross Construction
Earl Cady - Ross Construction

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning Unit, BLM, Vernal

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

March 8, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur
MAR 09 1982
Date

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

Proposed Actions :

Natural Gas Corporation of California plans to drill the # 32-29 well, a 7500' oil test of various formations. About .3 mile of existing jeep trail will require some upgrading. A pad 200' by 350' and a reserve pit 100' by 175' 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.



United States Department of the Interior

IN REPLY REFER TO

T & R
U-801

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

Mar 8 1982

SALT LAKE CITY, UTAH

March 5, 1982

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

Re: Joint Onsite Inspection
T9S, R16E, Sec. 4 Well #42-4
T9S, R18E, Sec. 29 Well #32-29

Dear Mr. Guynn:

On March 3, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Natural Gas Corporation, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

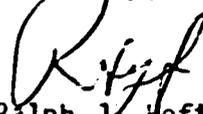
1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development".
2. The maximum width of access roads 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 soil materials 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 (onsite 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 Inspec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barded wire.
9. At location #42-4, the topsoil will be stockpiled between points 1 and 2. The access road will be changed as discussed at the joint onsite and as shown on the attached map.
10. At location #32-29, the 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 surveyed areas.

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

Sincerely,



Ralph J. Heft
Area Manager

Diamond Mountain Resource Area

cc: USGS, Vernal

FIELD NOTES SHEET

Date of Field Inspection: March 3, 1982

Well No.: 32-29 Sheep Dip

Lease No.: V-19267

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Resituate topsoil near #1 stake backside of pad.

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) Good, easy location.

a water use agreement with Clark Roberts of Myton (landowner) has been negotiated a copy of which is attached to this APD 1/28/82

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
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1,2,4,6	March 3 1982	
Unique charac- teristics							1,2,4,6		
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant							1,2,4,6		
National Register historic places							1,6		
Endangered/ threatened species							1,6		
Violate Federal, State, local, tribal law							1,2,4,6	↓	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

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

NATURAL GAS CORPORATION
OF CALIFORNIA

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

January 26, 1982

District Supervisor
Geological Survey-Conservation Comm.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

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

Re: Proposed Pleasant Valley Locations
#32-29 Federal
Section 29, T.9S, R.18E
Uintah County, Utah
Federal Lease no. U-19267
~~#42-4-Federal~~
Section 4, T.9S, R.16E
Duchesne County, Utah
Federal Lease #U-30096

Gentlemen:

Permission is requested to enter upon the public land for the purpose of surveying and staking the subject well locations.

Sincerely,



William A. Ryan
Petroleum Engineer

WAR/kh

cc: Operations

**NATURAL GAS CORPORATION
OF CALIFORNIA**

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

January 28, 1982

RECEIVED

FEB 04 1982

**DIVISION OF
OIL, GAS & MINING**

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

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

Re: NGC #32-29 Federal
SW NE Section 29, T.9S, R.18E
Uintah County, Utah
Sheep Dip Prospect

Gentlemen:

Natural Gas Corporation of California proposes to drill the above captioned well in Uintah County, Utah.

Attached are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) 10 Point Plan
- 4) 13 Point Surface Use Plan
- 5) Rig Layout
- 6) Vicinity Map A, B, and C.

Should you require additional information, please contact this office.

Yours truly,

W^m Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachments

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

10 Point Plan
 Sheep Dip Prospect
 NGC #32-29 Federal
 Section 29, T.9S, R.18E
 Uintah County, Utah

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

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5150' GR
Green River	1050'	4100'
Parachute Creek	2280'	2870'
(H) Garden Gulch	3320'	1830'
(I)	3540'	1610'
(J)	3950'	1200'
(K) Douglas Creek	4125'	1025'
(N)	4885'	265'
Tgr. Datum	5295'	-145'
Wasatch	5513'	-363'
Chapita Wells	6800'	-1650'
T.D.	7500'	-2450'

3. Producing Formation Depth: 5000 - TD.
4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Casing</u>
12-1/4	8-5/8	24#, K-55	300'	To Surface	New
7-7/8	4-1/2	11.6#, N-80	TD	2500' fill	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 8-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 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 cc</u>	<u>Mud Type</u>
0-300	8.5-9.0			Water/Gel
300-5000	8.5-9.0			Water/Gel
5000-TD	9.0-9.5	24-36	5-6	Brine/Polymer

7. Auxiliary Equipment: Upper kelly cock, full opening stabbing valve, 2 1/2" choke manifold, and pit level indicator.
8. Testing, Coring, Sampling, and Logging:
 - a) Testing: None.
 - b) Coring: One core in the Green River Lime, one core in the Wasatch.
 - c) Sampling: Cutting samples will be collected by the drilling contractor at 30' intervals to the Green River, then 10' sample spacing to T.D.

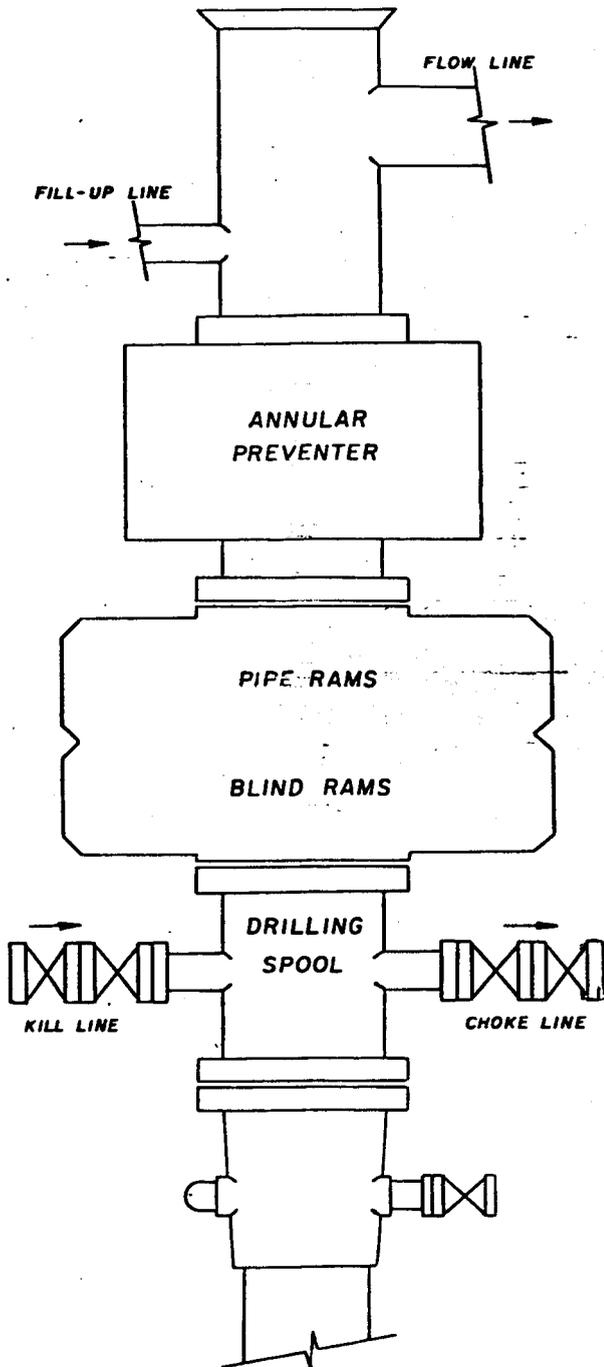
d) Logging:

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

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated. There is a chance that water flows may be encountered in this area.
10. Drilling Schedule: Anticipated starting date is May 1, 1982. Duration of operations: 15 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #32-29 Federal
SW NE Section 29, T.9S, R.18E
Uintah County, Utah



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

**Natural Gas Corporation of California
13 Point Surface Use Plan
for
Well Location
NGC #32-29 Federal
Located In
Section 29, T.9S, R.18E
Uintah County, Utah**

1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #32-29 proceed west from Myton, Utah along U.S. Highway 40 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 southeast approximately 16 miles. At this point the planned access road will begin.

At the present time, no construction is anticipated along any portion of the described road.

2. PLANNED ACCESS ROAD

See attached topographic map B.

The planned access road will proceed south from the existing road. The access road follows an existing road that will require upgrading. This upgrading will be to the standards set forth in Items 1 thru 8.

An off-lease right-of-way will be required through Section 8, 17, and 20. Application for this right-of-way has been made to the BLM office in Vernal, Utah.

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 - 3%.
- 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 - None.
- 7) Shut-in Wells - None.
- 8) Injection Wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A.
 - (1) Tank batteries - none.
 - (2) Production facilities - none.
 - (3) Oil gathering lines - none.
 - (4) Gas gathering lines - none.
- B.
 - (1) In the event production is established, plans for a gas pipeline from this location to the existing gathering lines will be submitted under an amendment to this plan for approval. All petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
 - (2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
 - (3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map C.

See attached letter agreement between Natural Gas Corporation and Mr. Clark Roberts.

6. SOURCE OF CONSTRUCTION METHODS

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

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) 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 1500 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 vegetation 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, three miles to the southwest.
- 4) See the attached staking request.
- 5) No abnormal pressures or temperatures are anticipated on this well.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT. 84078
Attn: William A. Ryan

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.

Feb. 2, 1982

Date

W^m Ryan

William A. Ryan, Petroleum Engineer

NATURAL GAS CORPORATION
OF CALIFORNIA

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

January 28, 1982

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

Re: Natural Gas Corporation of Calif.
Proposed Drilling Locations
NGC #32-29 Federal
Section 29, T.9S, R.18E
NGC #42-4 Federal
Section 4, T.9S, R.16E

Dear Mr. Roberts:

The purpose of this letter is to make an additional agreement with you for a water supply for drilling operations on the above referenced wells. In consideration for you providing this water, Natural Gas Corporation of California will compensate you \$1200 per well, payable two weeks prior to the spudding of each well. If you are in agreement with this, please indicate your approval by signing below.

Very truly yours,

Natural Gas Corporation of California

W^m A Ryan

William A. Ryan
Petroleum Engineer

Owner: *Clark Roberts*

Clark Roberts

Agreed and Accepted this 28th day of January, 1982.

WAR/kh

** FILE NOTATIONS **

DATE: 2-5-82

OPERATOR: Natural Gas Corp. of California

WELL NO: Federal 32-29 I

Location: Sec. 29 T. 9S R. 18E County: Ventura

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-31125

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per Rule C-3

Administrative Aide: OK as per rule C-3

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 Full

Plotted on Map

Approval Letter Written

Hot Line

P.I.

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

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 At proposed prod. zone

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

5. LEASE DESIGNATION AND SERIAL NO.

U-19267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

32-29

10. FIELD AND POOL, OR WILDCAT

Sheep Dip *Wildcat*

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

Section 29, T.9S, R.18E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

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19. PROPOSED DEPTH

7500'

20. ROTARY OR CABLE TOOLS

Rotary

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

5150' GR

Chapita Wells

22. APPROX. DATE WORK WILL START*

May 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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7-7/8	4-1/2	11.6# N-80	TD	2500' fill

See attached sheets.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
 DATE: 2/9/82
 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 W^m Ryan TITLE Petroleum Engineer DATE January 28, 1982
William A. Ryan

(This space for Federal or State office use)

PERMIT NO. 43-047-31175 APPROVAL DATE _____

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

cc: USGS; Div. OG&M; Operations; C. T. Clark; E. R. Henry

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, *N.G.C. # 32 - 29 FED.*
located as shown in the SW 1/4 NE 1/4
Section 29, T9S, R18E, S.L.B. & M.
Uintah County, Utah.

T 9 S, R 18 E, S.L.B. & M.

S 89°56'W

79.88

1941'

N.G.C. # 32 - 29 FED.

Elev. Ungraded Ground - 5158'

1983'

29

N 0°03'W

N 0°03'W

79.98

S 89°58'W



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

X = Section Corners Located

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

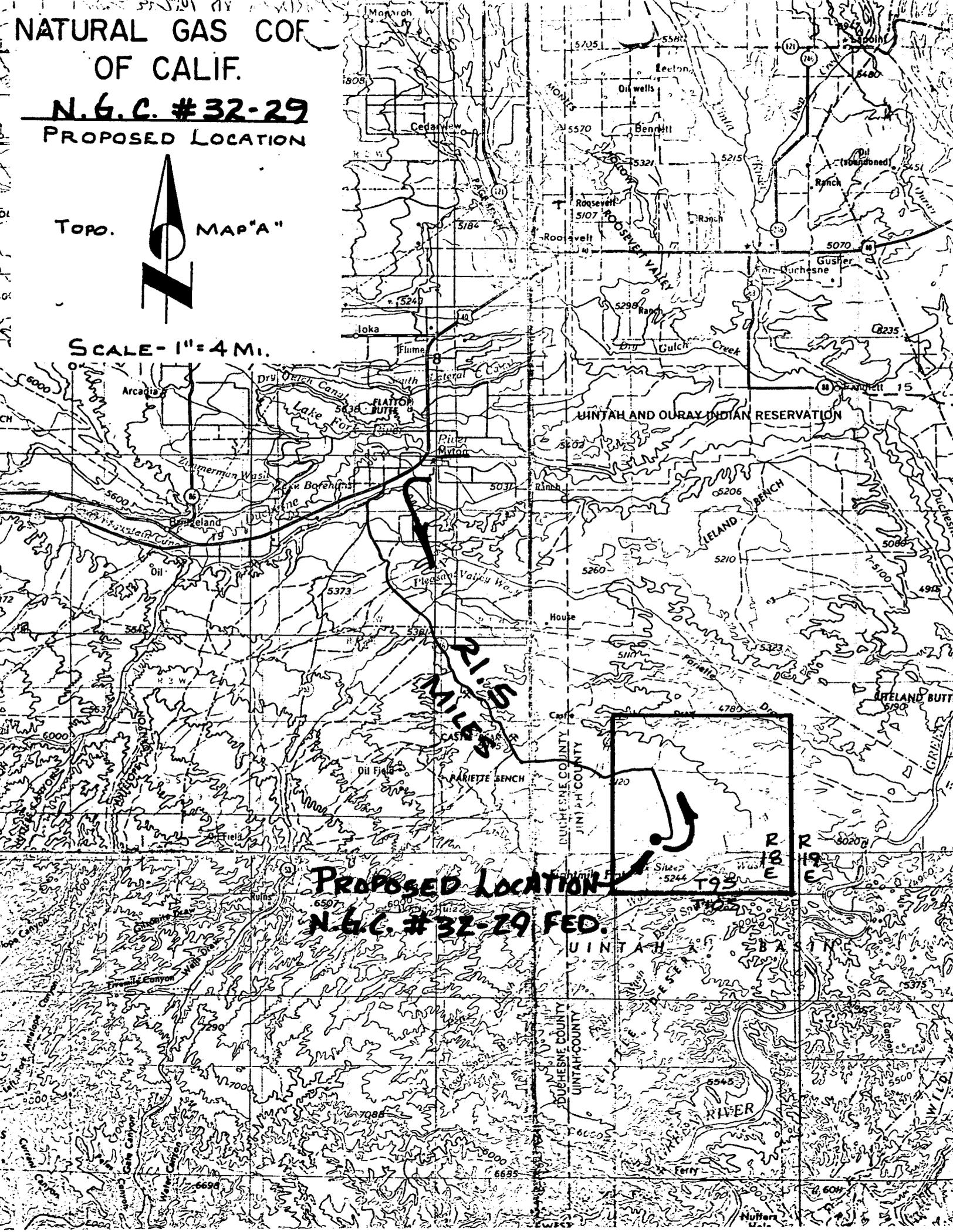
SCALE 1" = 1000'	DATE 1 / 12 / 82
PARTY R.K. B.K. J.F. S.B.	REFERENCES GLO Plat
WEATHER Partly Cloudy & Cold	FILE NATURAL GAS CORP.

NATURAL GAS COF OF CALIF.

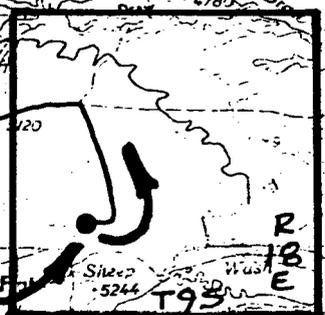
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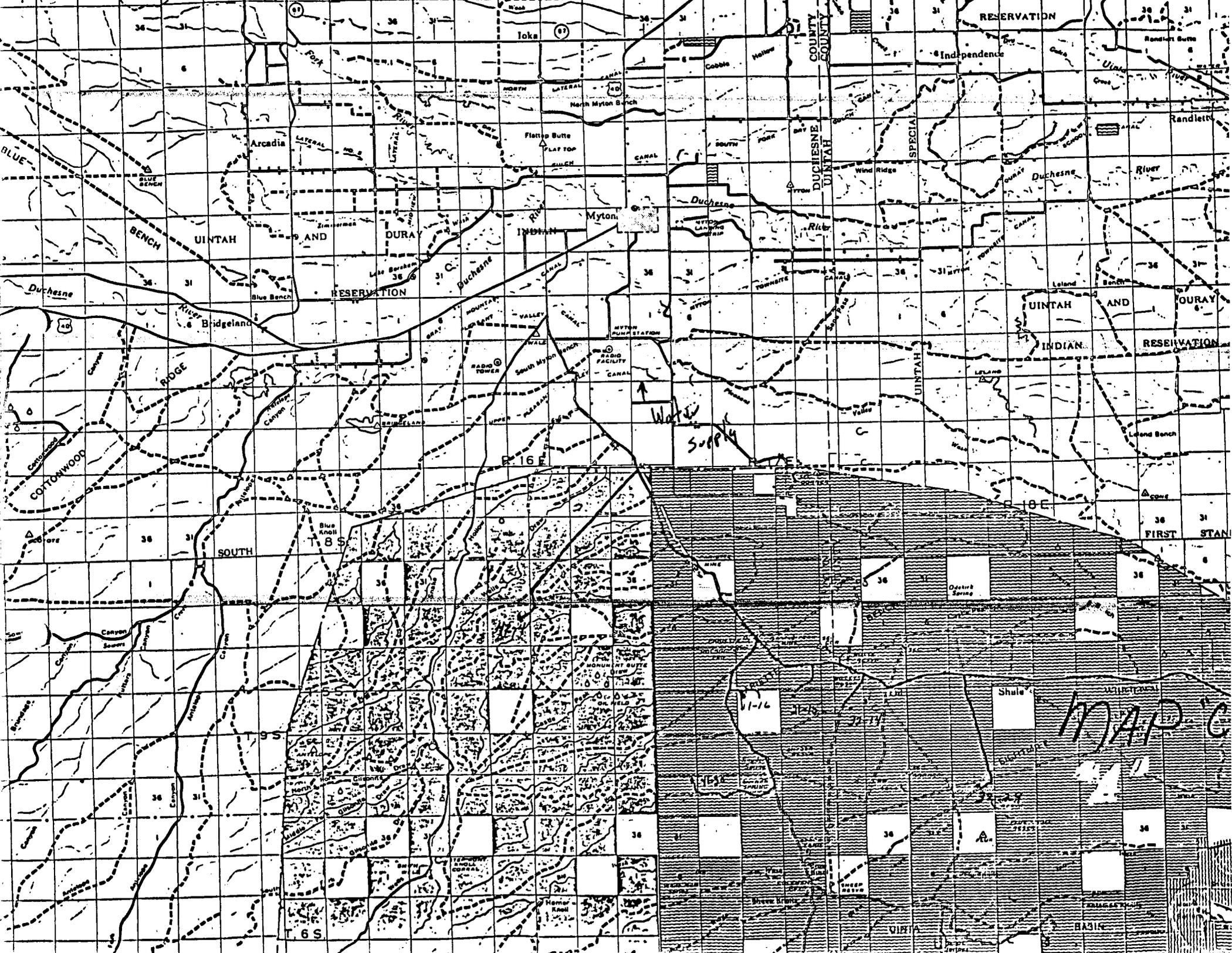


SCALE - 1" = 4 MI.



PROPOSED LOCATION
N.G.C. #32-29 FED.





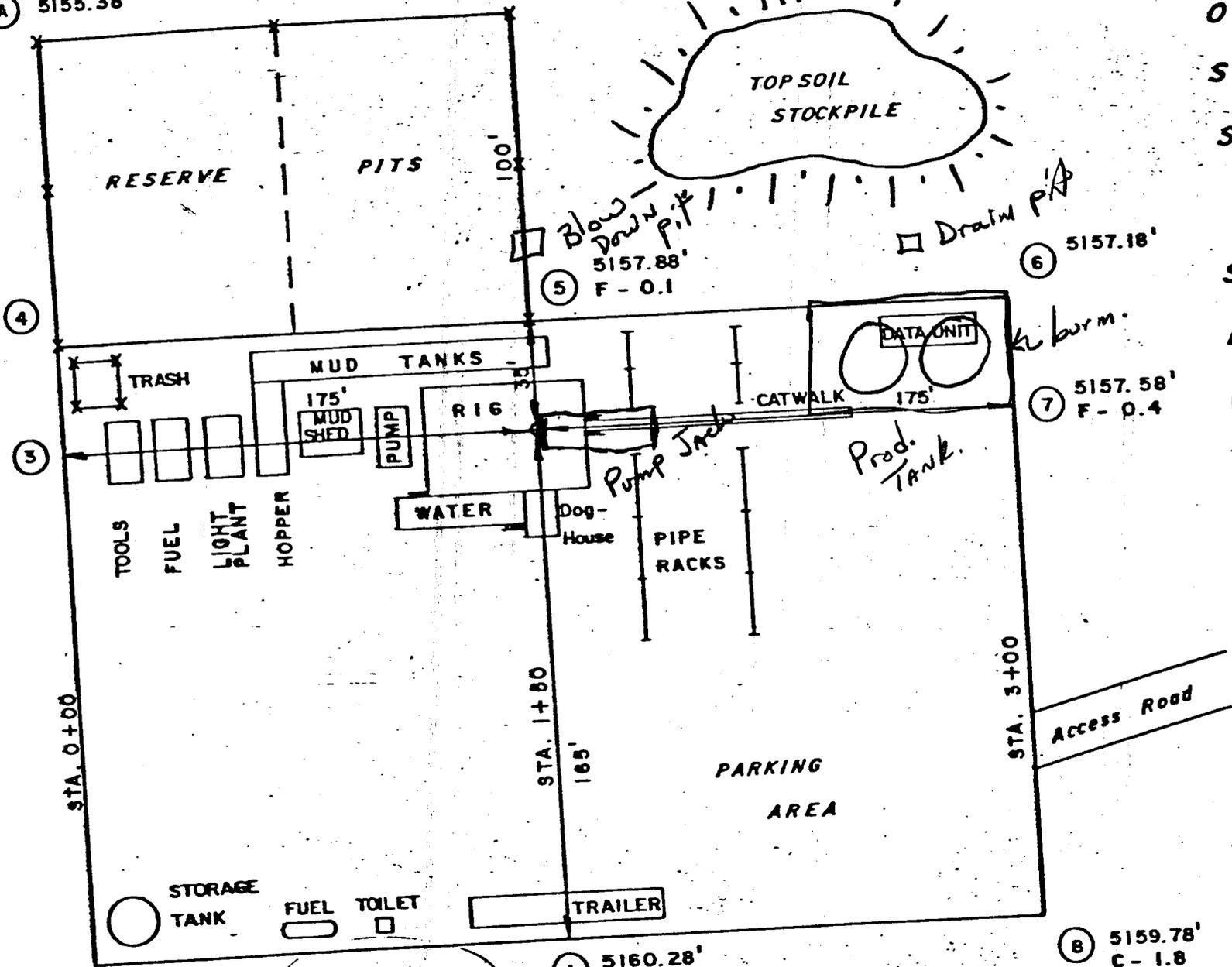
CONFIDENTIAL



Scale: 1" = 50'
Date: 1/12/82

F - 0.6 To Top Of Dike
C - 7.4 To Bottom Of Pit
5155.38'

(B) C - 8.8 To Bottom Of Pit
5156.78'



(2) Top Soil

SOILS LITHOLOGY
- No Scale -



C
R
O
S
S
S
E
C
T
I
O
N

February 9, 1982

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

RE: Well No. Federal 32-29
Sec. 29, T. 9S, R. 18E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

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

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

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

The API number assigned to this well is 43-047-31175.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS

NATURAL GAS CORP. OF CALIF.

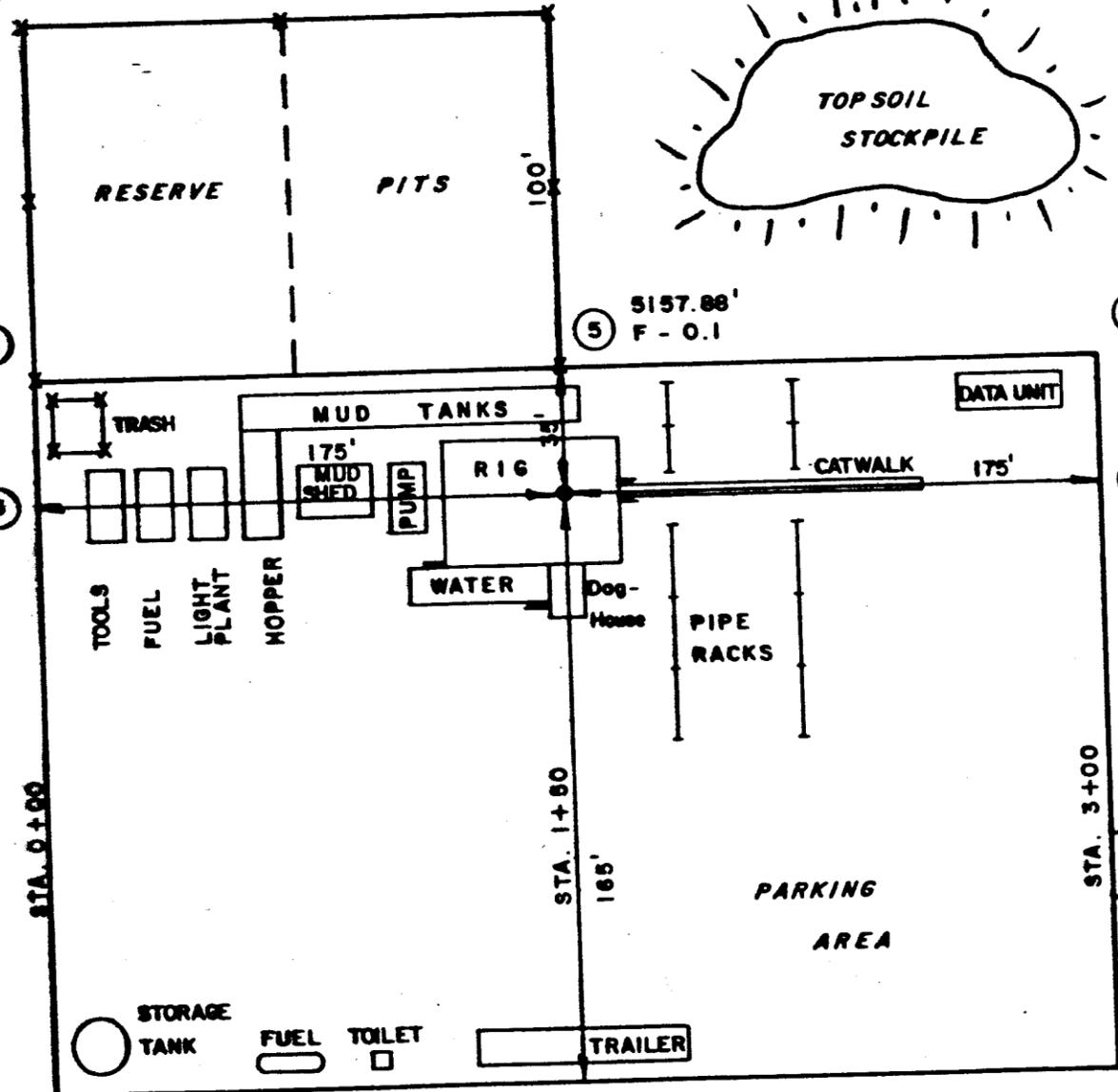
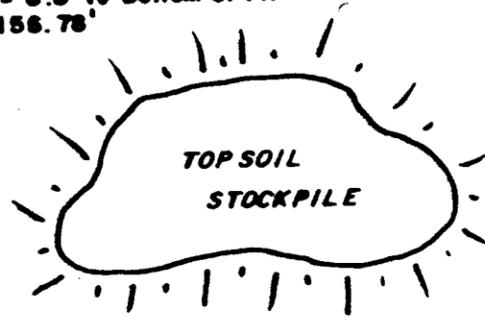
N.G.C. # 32 - 29 FED.

LOCATION LAYOUT & CUT SHEET

Scale: 1" = 50'
Date: 1/12/82

F - 0.6 To Top Of Dike
C - 7.4 To Bottom Of Pit
5155.38'

C - 8.8 To Bottom Of Pit
5156.78'



STA. 0+00

STA. 1+50

STA. 3+00

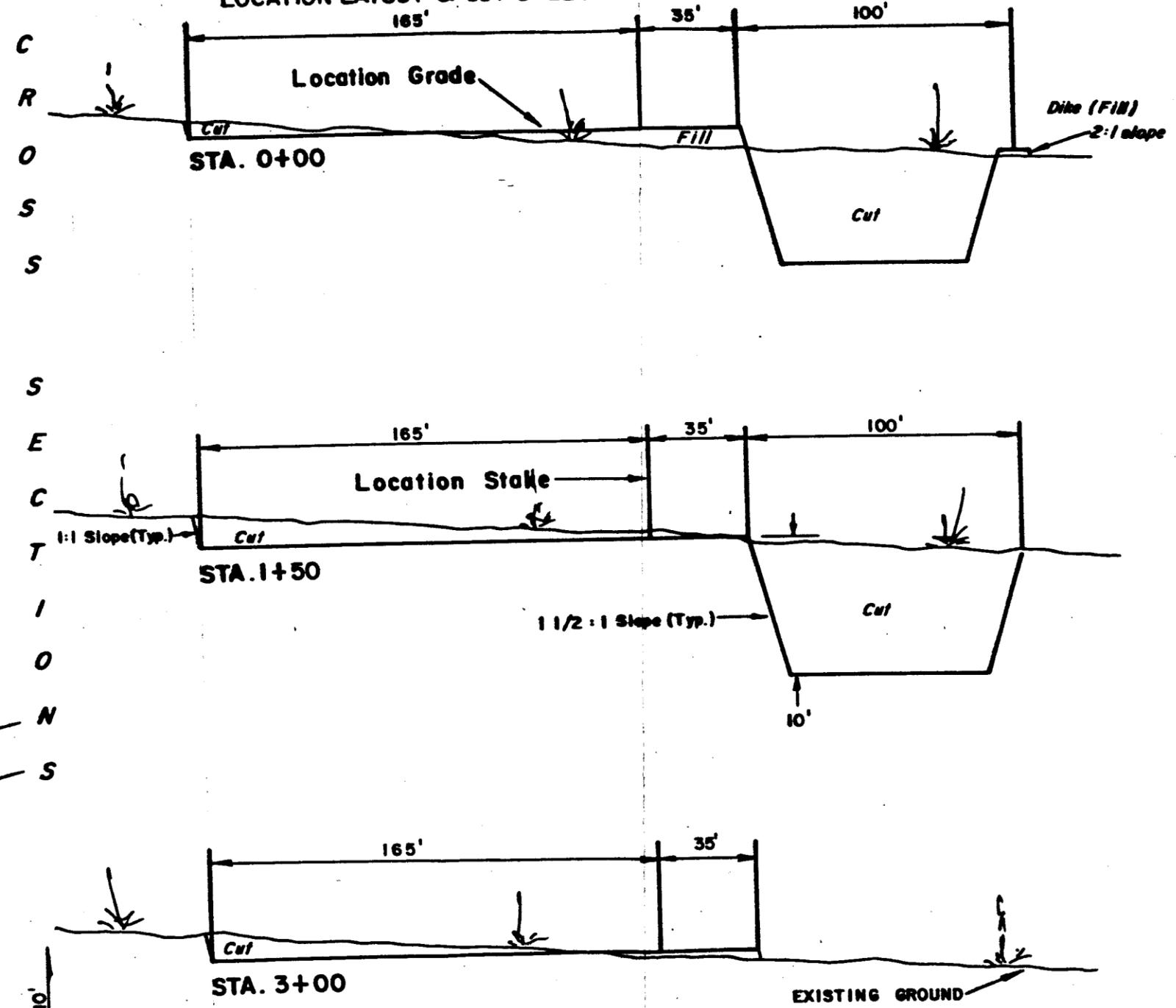
2

1 5160.28'
C - 2.3

8 5159.78'
C - 1.8

SOILS LITHOLOGY

- No Scale -

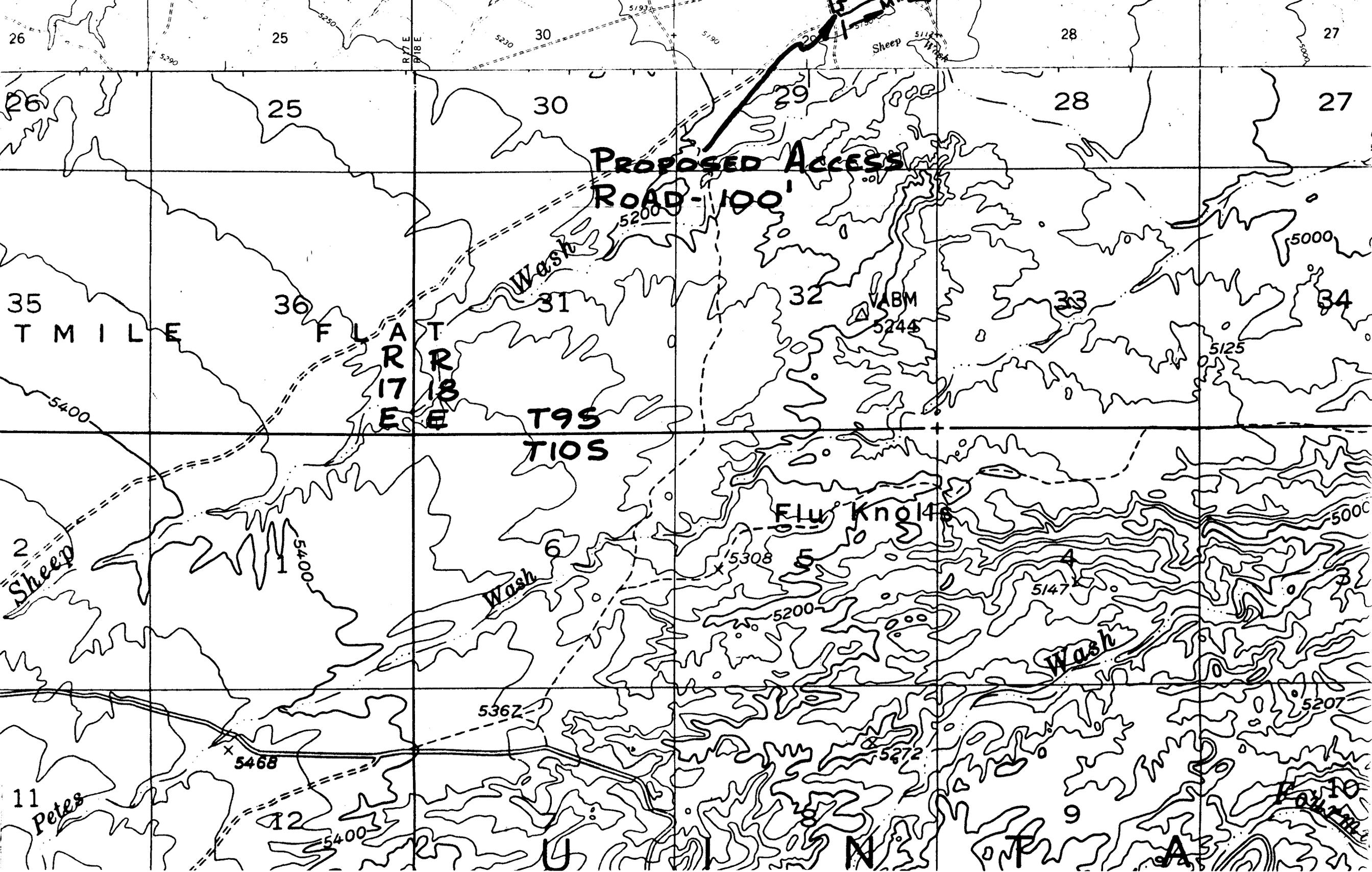


C
R
O
S
S
S
E
C
T
I
O
N
S

1" = 10'

APPROX. YARDAGES

Cubic Yards Cut - 8,076
Cubic Yards Fill - 346



PROPOSED ACCESS ROAD - 100'

T9S T10S

FLY KNIFE

35 T M I L E

36 F L A R T R I S E

2 Sheep

11 Petes

Wash

Wash

U N I O N N O R T H A

10

Sheep

5468

5362

5400

5400

5400

5308

5200

5272

5207

5125

5147

VABM 5244

5000

5190

5172

R7E P78E

5290

5230

5230

30

29

28

27

25

30

28

27

26

26

35

36

31

32

33

34

11

12

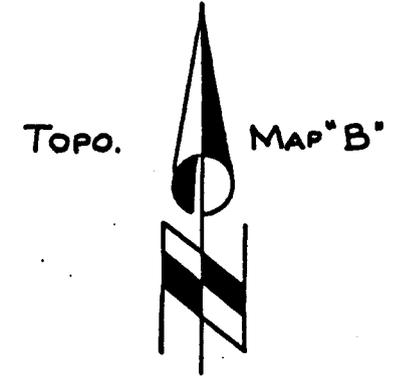
7

8

9

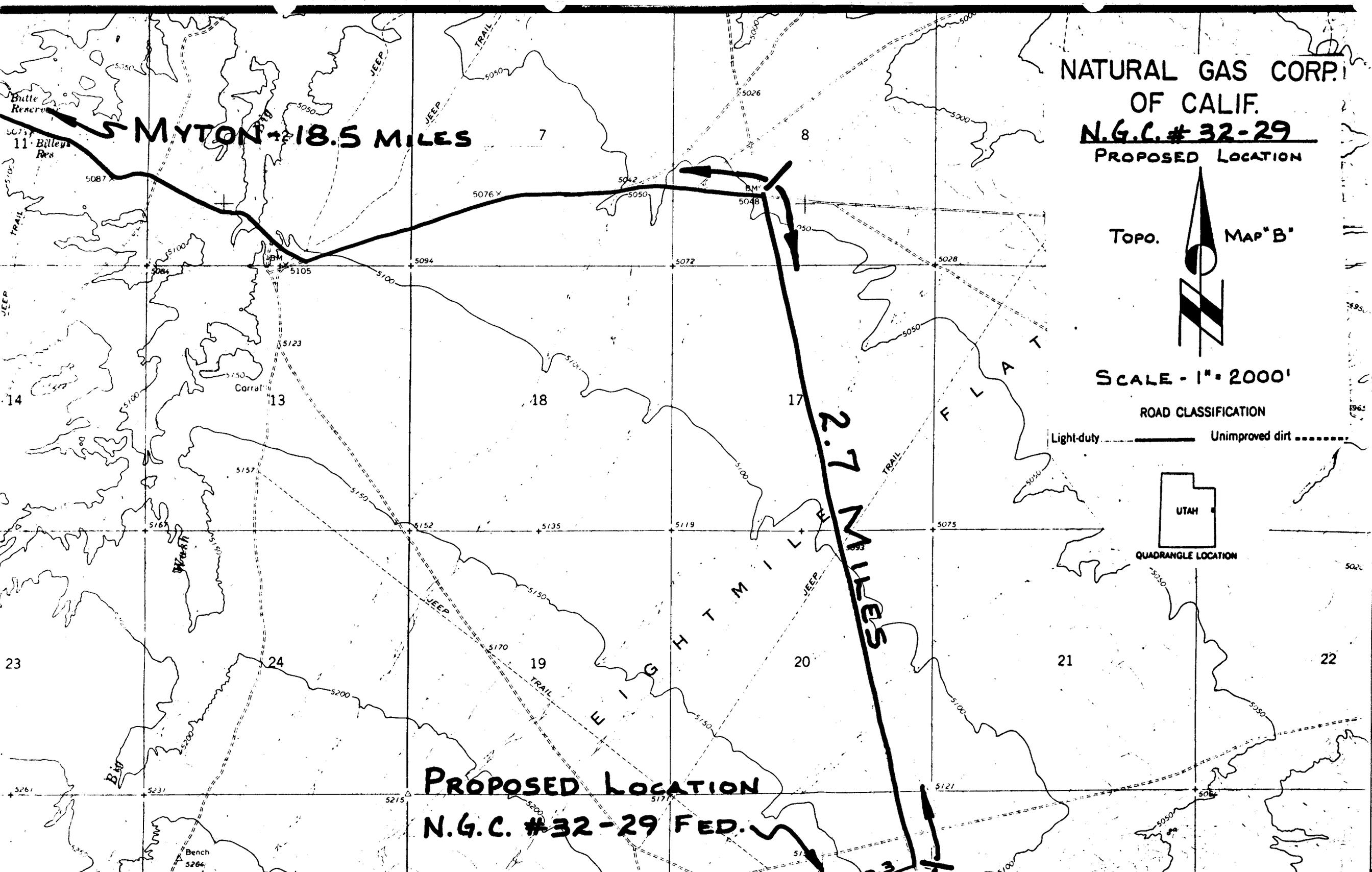
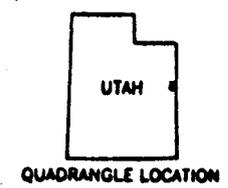
10

NATURAL GAS CORP.
OF CALIF.
N.G.C. # 32-29
PROPOSED LOCATION



SCALE - 1" = 2000'

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - -



18.5 MILES

2.7 MILES

PROPOSED LOCATION
N.G.C. # 32-29 FED.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Natural Gas Corporation of California

WELL NAME: Federal 32-29 I

SECTION SWNE 29 TOWNSHIP 9 S RANGE 18 E COUNTY Uintah

DRILLING CONTRACTOR Olsen

RIG # 5

SPUDDED: DATE 4-6-82

TIME 4:00 P.M.

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Karla

TELEPHONE # 789-4573

DATE 4-7-82 SIGNED AS

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

April 7, 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

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

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

Re: NGC #32-29 Federal
SW NE Section 29, T.9S., R.18E.
Uintah County, Utah
Sheep Dip Prospect

Gentlemen:

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

Sincerely,



Rick Canterbury
Associate Engineer

/kh

Attachment

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1941' FNL, 1983' FEL, Section 29,
AT TOP PROD. INTERVAL: T.9S., R.18E. SW NE
AT TOTAL DEPTH:

5. LEASE
U-19267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
32-29

10. FIELD OR WILDCAT NAME
Sheep Dip

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T.9S., R.18E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5150' GR

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Report of 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 **spudding** of the above captioned well on **April 6, 1982**, at 4 p.m. by Olsen Drilling Rig #5.

Spud date was reported orally to Minerals Management Service, Salt Lake City, April 7, 1982.

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

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

SIGNED Rick Canterbury TITLE Associate Engr. DATE April 7, 1982

Rick Canterbury

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management Service; 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: 32-29

Location: Sec 29-95-18E

County: Montebello State: Ntah

Lease Number: U-19267

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 4-6-82 4:00 PM

Dry Hole Spudded/Rotary: _____

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

Surface casing set up dry hole digger
9 5/8" 289'

Rotary Rig Name & Number: Olcese # 5

Approximate Date Rotary Moves In: 4-6-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: De Lois

Date: 4-7-82

State

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: 194' FNL, 1983' FEL, SW $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL: Section 29, T.9S., R.18E.
AT TOTAL DEPTH:

5. LEASE
U-19267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
32-29

10. FIELD OR WILDCAT NAME
Sheep Dip

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T.9S., R.18E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5150' GR.

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

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

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

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

Operator requests permission to change number of the subject well to 32-29I.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4/15/82
BY: B. Leight

RECEIVED
APR 14 1982

DIVISION OF
OIL, GAS & MINING

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

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

SIGNED Rick Canterbury TITLE Associate Engineer DATE April 12, 1982
Rick Canterbury
(This space for Federal or State office use)

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

cc: E.W. Guynn; Div. Oil, Gas & Mining; Sam Boltz, Jr.; Bob Gilmore; Operations;
C.T. Clark; E.R. Henry; S. Furtado

*See Instructions on Reverse Side

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
April 27, 1982

Mr. E. W. Gynn
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

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

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

Re: NGC #32-29 Federal
SW NE Section 29, T.9S., R.18E.
Uintah County, Utah
Sheep Dip Prospect

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Request for Approval to Plug Back, for the above captioned well.

Sincerely,

Rick Canterbury kh

Rick Canterbury
Associate Engineer

/kh

Attachment

cc: Operations
E. R. Henry
S. Furtado
C. T. Clark (Cover Letter Only)

RECEIVED
APR 30 1982

DIVISION OF
OIL, GAS & MINING

**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: 1941' FNL 1983' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$)
AT TOP PROD. INTERVAL: Section 29, T.9S., R18E.
AT TOTAL DEPTH:

5. LEASE
J-19267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #32-29 Federal

10. FIELD OR WILDCAT NAME
Sheep Dip

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T.9S., R.18E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5150' GR

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

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

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

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

Operator drilled well to TD of 7500'. Set 5,768' of 5-1/2" X 55, 17# casing and set a 200 foot plug at base of casing from 5768' - 5968'. Verbal approval was received by Rick Canterbury from Assad Raffoul over the telephone on April 20, 1982.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 4-30-82
BY: [Signature]

RECEIVED
APR 30 1982

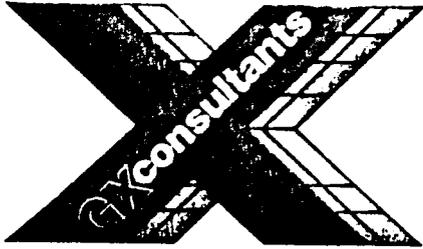
DIVISION OF
OIL, GAS & MINING

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 April 27, 1982
Rick Canterbury
(This space for Federal or State office use)

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

cc: Minerals Management Service; Div. OG&M; Chorney; DeGolyer; Operations; ERHenry; S. Furtado



A GEOSCIENCE EXTENSION OF XCO

910 Sixteenth Street, #522, Denver, Colorado 80202 (303) 893-8138

Natural Gas Corporation
Sheep Dip #32-29
SW NE Section 29-T9S-R18E
Uintah County, Utah

APR 30 1992

DIVISION OF
OIL, GAS & MINING

GEOLOGIST: Jon Mayo
GX Consultants

TABLE OF CONTENTS

	<u>PAGE</u>
Resume.	1
Summary and Conclusions	2
Formation Tops and Correlation.	3
Daily Chronology.	4
Mud Record.	5
Bit Record.	6
Drilling Functions.	7
Directional Surveys	8
Show Report & Log Analysis.	9
Log Strips.	10
Lithology	17

RESUME

OPERATOR: Natural Gas Corporation of California
WELL NAME & NUMBER: Sheep Dip #32-29
LOCATION: SW NE Section 29-T9S-R18E
COUNTY & STATE: Uintah County, Utah
SPUD DATE: Prespudded before April 5, 1982
COMPLETION DATE (TD): April 19, 1982
ELEVATIONS: 5,150' GL 5,162' KB
TOTAL DEPTH: 7,507' LOGS 7,520' DRLR
CONTRACTOR: Olsen
RIG: #5
TYPE RIG: Cardwell L-350
PUMPS: #1 Emsco D-500
#2 Emsco D-175
GEOLOGIST: Jon Mayo, GX Consultants
ENGINEER: Milo Wiseman
TOOL PUSHER: Bill Johnson
TYPE DRILLING MUD: Chemical-Gel
MUD COMPANY: Crown Mud and Chemical, Inc.
MUD ENGINEER: Jack Durbin
HOLE SIZES: 12-1/4" surface to 300'
7-7/8" 300' - 7,500'
CASING: 9-5/8" from surface to 300'
MUD LOGGING BY: Analex; Anne Hartwell, Tom Kabis
CORE INTERVALS: None
DST DEPTHS: None
DST COMPANY: None
ELECTRIC LOGS BY: Schlumberger
TYPE LOGS RUN: DIL-GR-SD (300' to 7,500')
Micro Prox
FDC-CNL-Gr-SP-CAL (300' to 7,500')
BHC-Sonic-GR-CAL-Sonic "F" (300' to 7,500')
Dipmeter/FIL
LOGGING ENGINEER: R. Hill
BOTTOM FORMATION: Chapita Wells
WELL STATUS: To be cased and perforated (completed)

SUMMARY AND CONCLUSIONS

The Sheep Dip #32-29 well was drilled to a total depth of 7,520' into the Chapita Wells section of the Wasatch formation. No conventional drill stem tests or cores were run, though numerous oil and gas shows were logged. Sample shows with accompanied increases in background gas were observed through kerogen rich oil shale sections. Though not commercial, the oil shale, when fractured, could be productive and is definitely the source rock for the interbedded sands. All thin sands above the Delta Facies (+2,357') were, in general, too tight and had too low Rw values to indicate favorable water saturations (60%).

From the top of the Green Shale Facies, 3,818' (+1,344'), to the top of the Green River Limestone, 5,335' (-173'), at least five sand intervals exhibited good log response and calculations. In general, the sands were clear, white, light gray to light brown, very fine to medium grained, friable to firm, good to well sorted, subangular to subrounded, calcareous cement, occasional brown oil stain with poor to fair white to dull orange fluorescence, generally fair to good moderately fast streaming cut, fair porosity and permeability. The sands encountered had fair drilling breaks and good gas and sample shows. It should be noted that no iso-normal butanes were recorded with the gas shows. This is a common occurrence in the Uintah Basin and is due primarily to the very paraffinitic nature of the hydrocarbons.

Based on the strength of the shows described above and other lesser shows of importance, pipe will be run.

NOTE: See Show Report and Log Analysis.

FORMATION TOPS AND CORRELATION

<u>Formation</u>	<u>NGC Sheep Dip #32-29 Uintah Co., UT</u>	<u>NGC Big Wash Federal 23-23 Uintah Co., UT</u>
Green River	1,070 (+4,092)	1,140 (+4,112)
Oil Shale Facies	1,850 (+3,312)	-- --
Delta Facies	2,805 (+2,357)	-- --
Green Shale Facies	3,818 (+1,344)	3,820 (+1,432)
Black Shale Facies	4,850 (+ 312)	4,930 (+ 322)
Green River Lime	5,335 (- 173)	5,415 (- 163)
Wasatch	5,510 (- 348)	5,610 (- 358)

DAILY CHRONOLOGY

<u>1982</u> <u>DATE</u>	<u>8:00AM</u> <u>DEPTH</u>	<u>24 HOUR</u> <u>FOOTAGE</u>	<u>DAILY RECORD</u>
4/6	0	0	Rig up.
4/7	914	914	Rig up, drlg w/Bit #1.
4/8	1,720	806	Drlg.
4/9	2,610	890	Rig repair, drlg, loss of circ, drlg.
4/10	3,215	605	Drlg.
4/11	3,980	765	Drlg, trip for NB #2, drlg.
4/12	4,480	500	Drlg.
4/13	5,020	540	Drlg.
4/14	5,725	705	Drlg.
4/15	6,235	510	Drlg.
4/16	6,635	400	Drlg, rig repairs, drlg.
4/17	6,995	360	Drlg, trip for hole in pipe.
4/18	7,140	145	Trip for NB #3 and hole in pipe.
4/19	7,500	360	Drlg, TD @ 7,500'.
4/20	7,500	0	Run E-logs.

MUD RECORD

MUDED UP AT 7,370' ON 4-18-82

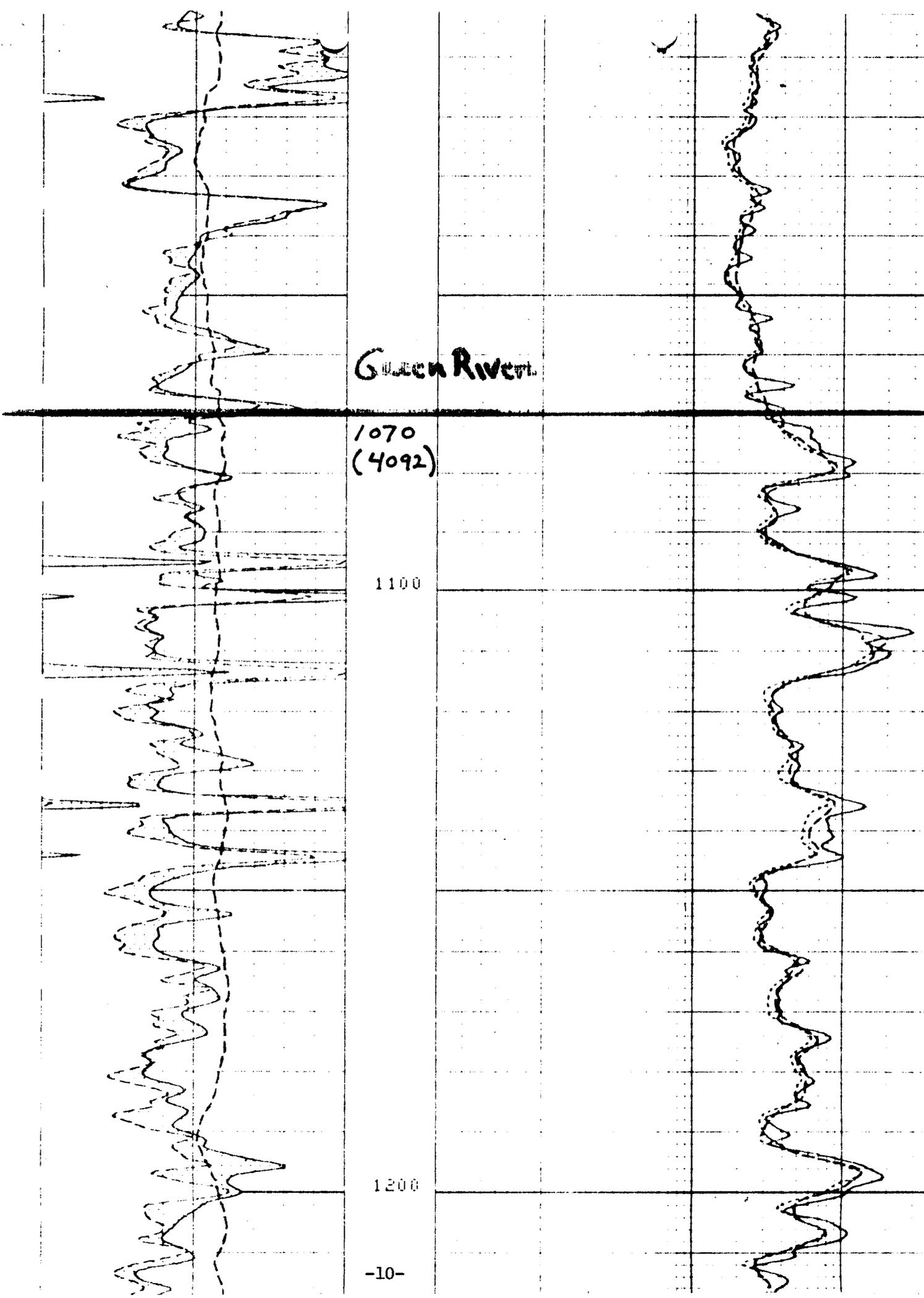
1982 DATE	DEPTH	WT.	F.VIS	P.VIS	YIELD	GEL STRNT	PH	FILTR	CK.	ALKA	SALT	CHLO	CALCIUM	GYP/SAND	SOLID/%WTR.	CUMULATIVE COST
4/6	0	Drilled with Water														
4/7	--	8.3	26				8.0			.1/1.5		1500	400			\$ 339.00
4/8	2,018	8.3	26				8.5			.1/1.0		1500	300			938.00
4/9	2,597	8.3	26				8.5			.1/.9		1500	300			1,690.00
4/10	3,500	8.3	26				8.5			.1/.8		1400	240			1,984.00
4/11	4,155	8.4	26				9.0			.2/.9		1700	160			2,305.00
4/12	4,560	8.4	27				9.0			.25/.7		3000	280			2,473.00
4/13	5,250	8.3	27				8.4			.2/.5		2800	460	/Tr	Tr/	2,823.00
4/14	5,874	8.4	27				8.5			.1/.8		4500	650	/Tr	Tr/	3,392.00
4/15	6,371	8.4	27				8.0			.025/.5		3500	800	/Tr	Tr/	3,839.00
4/16	6,724	8.4	27				8.5			.05/.9		4800	850			4,109.00
4/17	7,062	8.4	27				8.5			.1/1.8		9000	250	/Tr	Tr/	4,700.00
4/18	7,288	8.4	27				9.0			.2/1.4		6000	200	/Tr	Tr/	5,094.00
4/19	7,427	8.7	35	11	5	2/4	10.0	12	2/32	.9/1.6		5500	80	/Tr	3.8/96.2	6,748.00
4/20	7,500	8.9	37	14	7	3/6	9.5	8.8	1/52	1.0/2.3		6000	60	/Tr	Tr/	7,462.00

Green River.

1070
(4092)

1100

1200



OIL Shale
Facies

1800

1850
(3312)

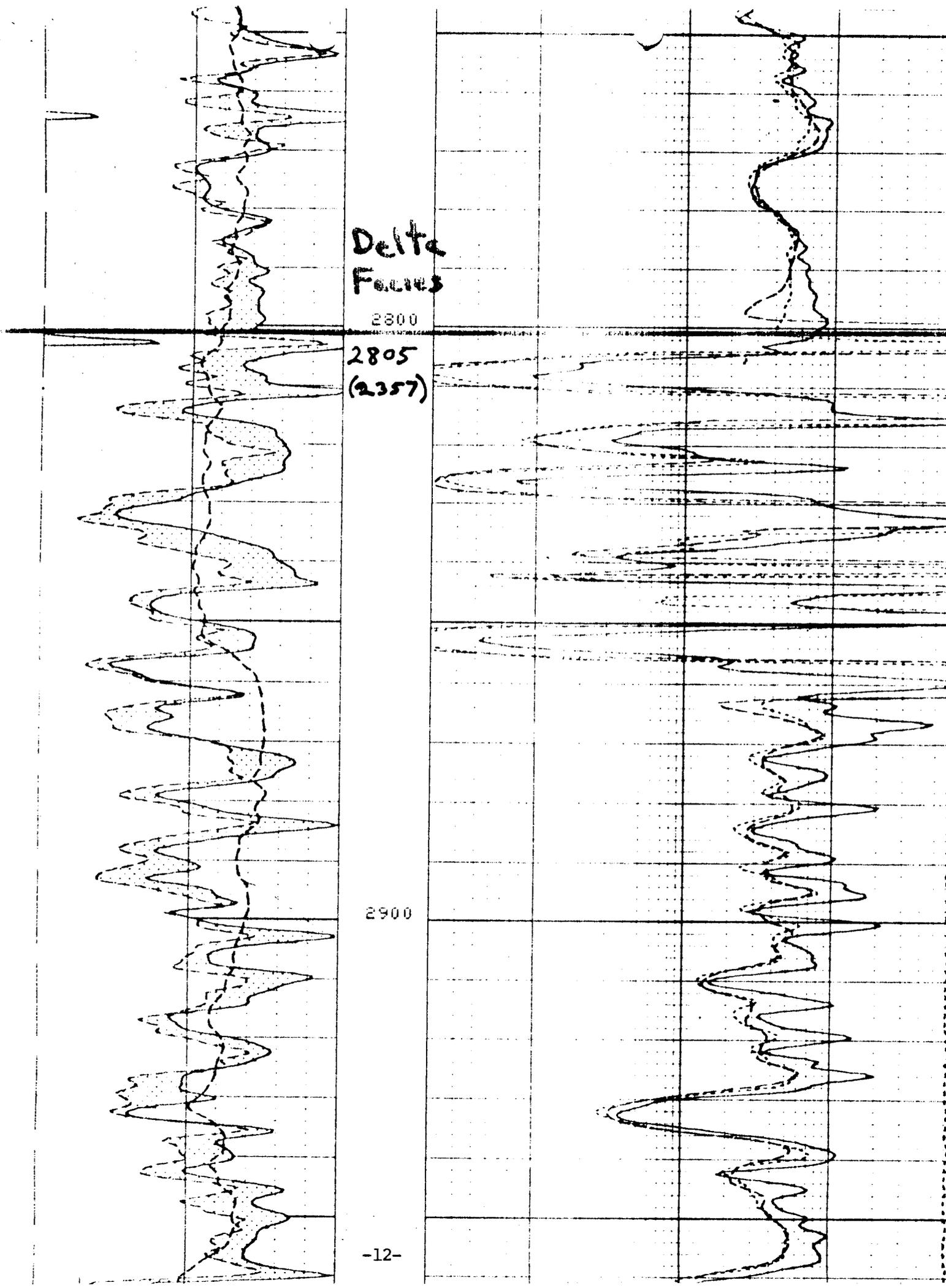
1900

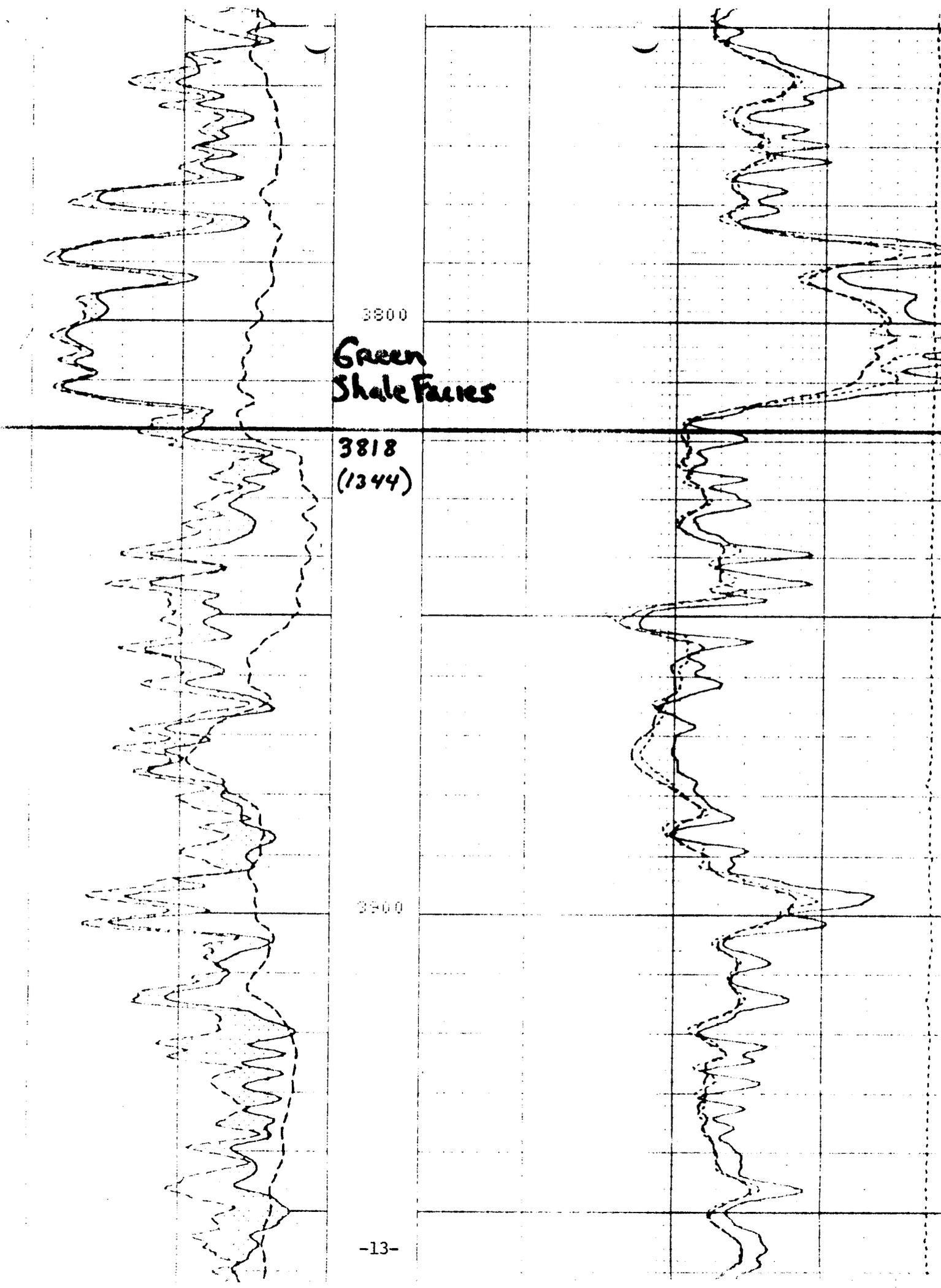
Delta
Focus

2800

2805
(2357)

2900



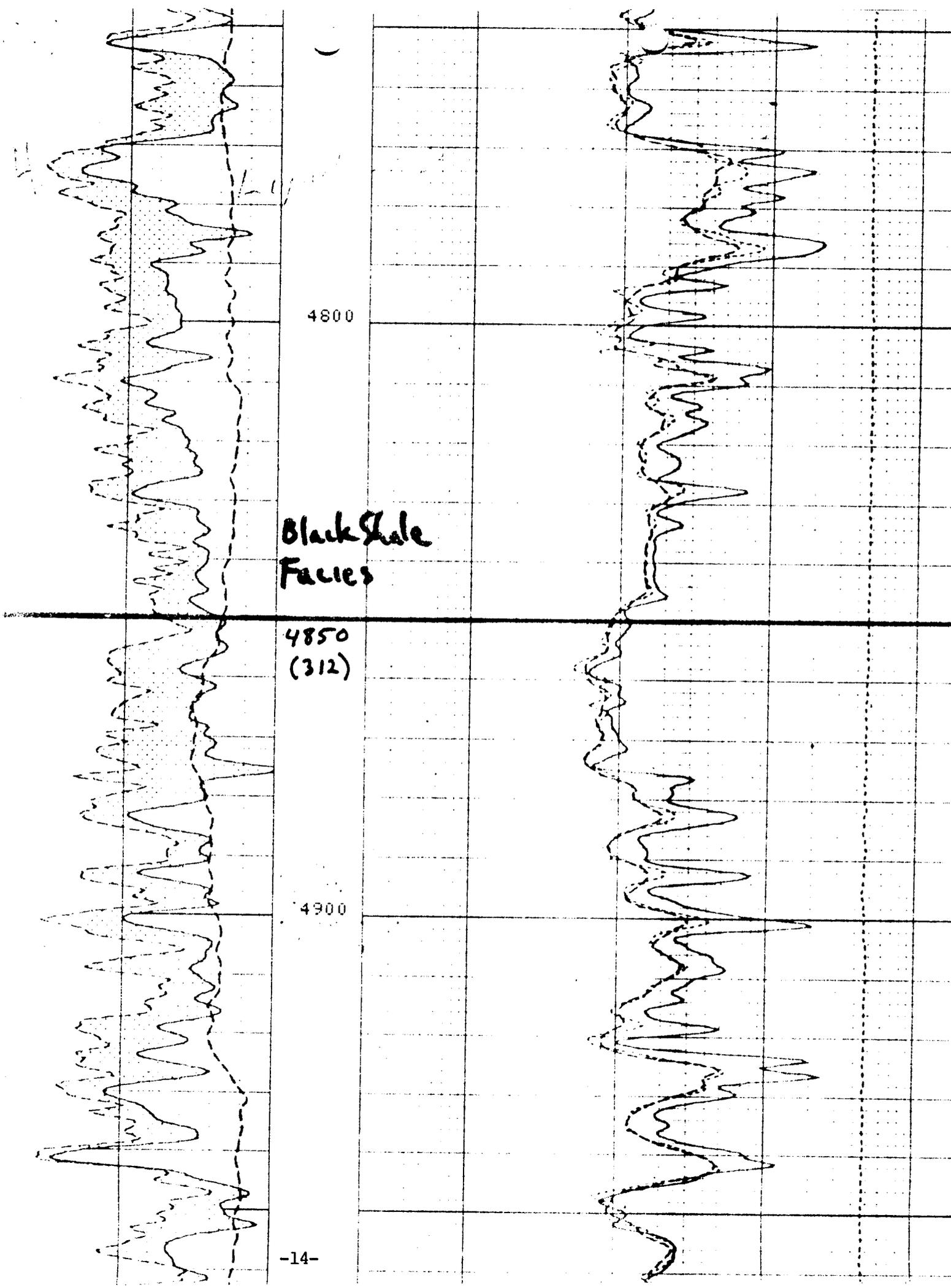


3800

Green
Shale Facies

3818
(1344)

3900

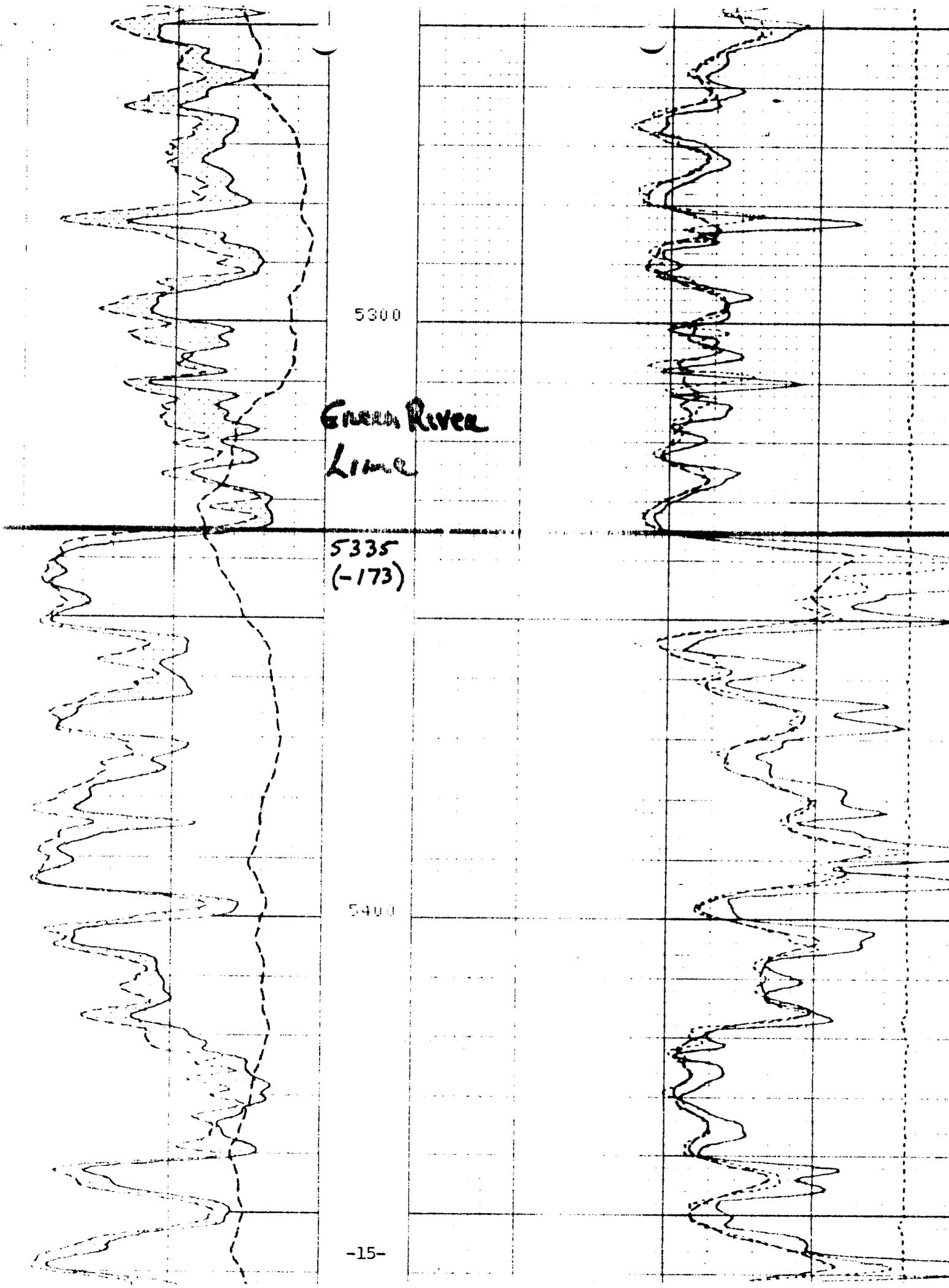


4800

Black Slate
Facies

4850
(312)

4900

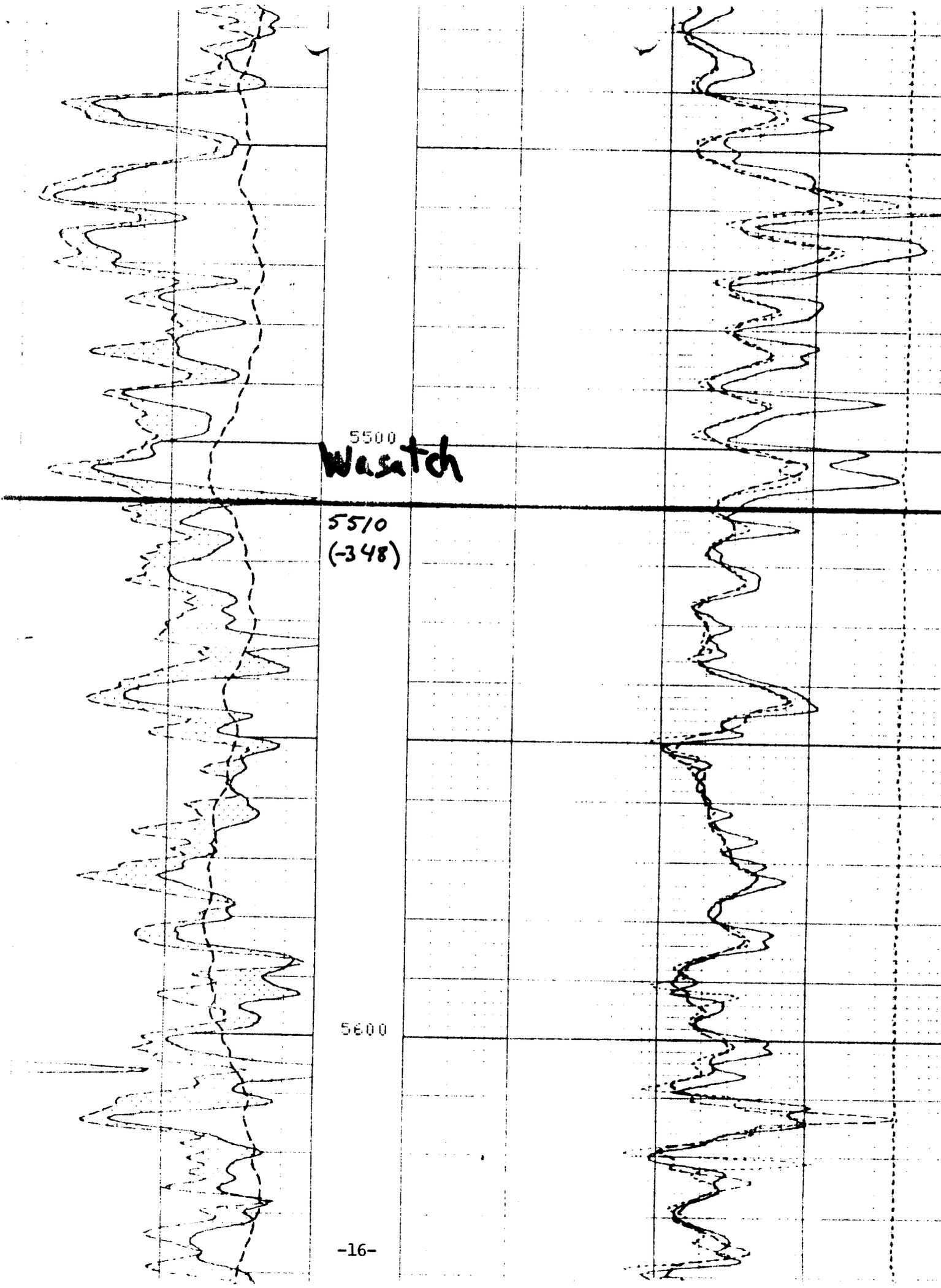


5300

Green River
Lime

5335
(-173)

5400



5500
Wasatch

5510
(-348)

5600

LITHOLOGY

- 300-370 SANDSTONE - lt brn, crm, clr-fros, frm, f-mgr, cons, ang-sbang, occ sbrd, p-m srt, sl glauc, slt, calc cmt, vp intgr \emptyset .
SILTSTONE - lt-m brn, ltgywh, fri-ind, blk, sdy, calc cmt.
- 370-450 SANDSTONE - lt brn, crm, clr-fros, frm, f-mgr, cons, ang-sbang, occ sbrd, p-m srt, sl glauc, slt, calc cmt, vp intgr \emptyset .
SILTSTONE - lt-m brn, lt gy wh, fri-ind, sdy, sl calc.
- 450-520 SANDSTONE - fros wh, gn, clr, hd, fri, f-c gr, sbang-sbrd, p srt, v glauc, sme biot, sl sil cmt, p intgr \emptyset , NSFOC.
Tr SILTSTONE.
- 520-570 SHALE - lt gn, lt brn, frm-hd, plty, blk, ireg, sl arg, sl calc.
Tr SILTSTONE.
- 570-650 SHALE - lt gn, lt-m brn, frm-hd, plty, ireg, m calc.
Occ SANDSTONE - clr, fros, wh, hd, fgr, fri-ind, sbrd, w srt, p intgr \emptyset , calc cmt, NSFOC.
Tr SILTSTONE.
- 650-700 SHALE - lt brn, lt gn, frm-hd, blk, plty, sl arg, occ slty, tr glauc, sl calc grd to SANDSTONE - lt gn, clr, fros, ind, vf-fgr, sbang-sbrd, w srt, tr pyr, p intgr \emptyset , calc cmt, grd to SILTSTONE - lt brn, gybrn, m ind, blk, calc.
- 700-770 SHALE - lt brn, lt gn, frm-hd, blk, plty, sl ang, occ slty, tr glauc, sl calc grd to SANDSTONE - lt gn, clr, fros, ind, vf-fgr, sbang-sbrd, w srt, tr pyr, p intgr \emptyset , calc cmt grd to SILTSTONE - lt brn, gybrn, m ind, blk, calc.
- 770-820 SHALE - lt brn, lt gn, frm-hd, blk, plty, sl ang, occ slty, tr glauc, sl calc grd to SANDSTONE - lt gn, clr, fros, ind, vf-fgr, sbang-sbrd, w srt, tr pyr, p intgr \emptyset , calc cmt grd to SILTSTONE - lt brn, gybrn, m ind, blk, calc.
- 820-870 SILTSTONE - lt gn, gy, lt brn, m ind, blk, sl calc.
- 870-920 SANDSTONE - clr, fros, lt gn, hd, f-c gr, fri-ind, sbrd, m srt, glauc, p-f intgr \emptyset , tr brt yel mnrl flor, tr SILTSTONE.

LITHOLOGY (Cont.)

- 920-970 SANDSTONE - clr, fros, lt-m gn, wh, f-cgr, fri-ind, m-f srt, sbrd-sbang, glauc, p-fr intgr \emptyset , tr mnrl flor.
SILTSTONE - lt gn, gygn, fri, ireg-blky, tr pyr, calc.
- 970-1,050 SHALE - lt-dk brn, lt gygn, frm-hd, blky, ireg, sl slty in pt, sl arg, calc, grdg to SANDSTONE - clr, fros, lt gn, lt gy, hd, f-m gr, cons, ind, rd-sbrd, m srt, glauc, magnibiot, calc cmt, p intgr \emptyset , NSFOC.
- 1,050-1,120 SILTSTONE - lt brn, gn, brn, p-mod ind, ireg-blky, sl calc.
SHALE - lt brn, gy, tan, crm, frm-hd, blky, plty, slty, v calc.
- 1,120-1,200 LIMESTONE - crm, lt brn, tan, hd, crp-micxln, sme suc text, sme lign incl, n-p intxln \emptyset , dull mnrl flor, no cuts.
SANDSTONE - clr, fros, s&p, f-m gr, sbrd, p srt, tr biot, tr magn, p intgr \emptyset , NSFOC, grdg to SHALE - lt brn, orng, tan, crm, frm-hd, sbblky, plty, ireg, v calc.
- 1,200-1,220 SILTSTONE - lt brn, gy, tan, crm, fri, blky, v calc.
- 1,220-1,300 SHALE - lt brn, orng, crm, frm-hd, blky, slty, calc grdg to SILTSTONE - lt brn, yel-orng, tan, wh, fri-ind, blky, grty, calc.
- 1,300-1,350 SILTSTONE - lt brn, yel-orng, tan, crm, ind, blky, ireg, v calc, tr SHALE, tr SANDSTONE.
- 1,350-1,400 SHALE - lt gy, lt brn, crm, frm-hd, sbblky, plty, ireg, dol in pt, sl arg, sl slty in pt, calc.
SILTSTONE - brn, orng-yel, mod ind, blky, tr pyr, sl calc, tr SANDSTONE.
- 1,400-1,450 SHALE - brn, gy, crm, purp, frm-hd, sl arg, sl dol, tr slty, v calc.
- 1,450-1,520 SHALE - lt-m brn, crm, sme gy, frm-hd, sl arg, dol, sl slty, sl calc, tr qtz grs.
- 1,520-1,570 SHALE - lt-m brn, crm, tan, frm-hd, blky, ireg, sl arg, slty, sl dol, v calc.
- 1,570-1,620 SHALE - lt-m brn, lt gy, tan, crm, frm-hd, blky-ireg, tr mica, sl dol in pt, v calc, tr qtz gr.
- 1,620-1,670 SHALE - lt brn, lt gy, crm, frm-hd, blky-ireg, sl arg, sl dol in pt, v calc.
Tr SANDSTONE.
- 1,670-1,720 SHALE - lt brn-m brn, crm, tan, blky, ireg, tr mica, sl slty, v calc, tr DOL.

LITHOLOGY (Cont.)

- 1,720-1,770 SHALE - lt-m brn, crm, tan, wh, frm-hd, blkly, plty, ireg, sl arg in pt, tr mica, sl dol, v calc.
- 1,770-1,820 SHALE - lt-m brn, crm, tan, wh, frm-hd, blkly, plty, ireg, sl arg in pt, tr mica, sl dol, v calc.
- 1,820-1,870 SHALE - lt-dk brn, crm, tan, frm-hd, blkly, ireg, sl arg in pt, slty, dol, v calc.
- 1,870-1,920 SHALE - m-dk brn, gybrn, mod hd, sbblkly, plty, sl arg in pt, sl slty, calc grdg to LIMESTONE - lt-m brn, lt gy, mod hd, crp-micxln, sme suc text, v arg, n-p intxln \emptyset , NSFOC.
- 1,920-1,970 SHALE - m-dk brn, tan, frm-hd, blkly, ireg, sl carb, calc grdg to LIMESTONE - lt-m brn, lt gy, hd, crp-micxln, sl suc, p intxln \emptyset , NSFOC.
- 1,970-2,020 LIMESTONE - lt-m brn, tan, hd, crp-micxln, sl arg, dol, p intxln \emptyset , tr SHALE.
- 2,020-2,070 LIMESTONE - lt brn, lt gy, frm-hd, crp-micxln, sme suc text, arg in pt, sl dol, occ chalky, NSFOC.
Tr SHALE.
- 2,070-2,120 LIMESTONE - lt-m brn, lt gy, mod hd, crp-micxln, sme suc text, v arg, n-p intxln \emptyset , tr dd o stn, f strmg mlky wh flor cut, tr SHALE.
- 2,120-2,200 LIMESTONE - lt gy brn, mod hd, crp-micxln, sme suc text, mod arg, n-p intxln \emptyset , brt yel mnrl flor, tr dd o stn, gd mlky wh strmg cut.
- 2,200-2,250 SHALE - m-dk brn, frm-hd, blkly, ireg, plty, sl arg, carb, tn dd o stn, tan gd mlky wh strmg cut grdg to LIMESTONE - lt-m brn, orng brn, hd, crp-micxln, arg, dns, occ suc, p intxln \emptyset , NSFOC.
- 2,250-2,300 LIMESTONE - lt brn, orng brn, hd, crp-micxln, sl suc, arg, sme carb mat, p intxln \emptyset .
SHALE - lt-dk brn, frm-hd, blkly-sbbkly, ireg, occ slty, carb, sl-v calc.
- 2,300-2,350 SHALE - lt-dk brn, frm-hd, blkly-sbbkly, carb, occ bnd, occ dd o stn, sl-mod calc, f strmg yel wh cut.
LIMESTONE - lt brn, hd, micxln-vfxln, v arg ip, intxln \emptyset , NSFOC.
- 2,350-2,400 SHALE - lt-dk brn, frm-hd, blkly, sbblkly, ireg, sl arg, carb, occ bnd, occ dd o stn, f strmg yel wh cut.
LIMESTONE - lt brn, frm, micxln-vfxln, v arg, p intxln \emptyset , NSFOC.
Tr SANDSTONE.

LITHOLOGY (Cont.)

- 2,400-2,450 SHALE - m-dk brn, occ blk, hd, sbblky, blk, occ brn o stn, f strmg yel wh cut.
LIMESTONE - lt-m brn, crm, frm-hd, crp-micxln, v arg, p intxln \emptyset .
Tr SANDSTONE.
- 2,450-2,500 SILTSTONE - gy, lt brn, mod ind, blk, ireg, sndy, sl calc, tr pyr.
- 2,500-2,550 SHALE - m-dk brn, blk, frm-hd, sbblky-blky, slty, v calc, gd mlky wh strmg cut.
- 2,550-2,570 SANDSTONE - lt brn, lt gy, clr, hd, fri-ind, v f gr, fr w srt, tr pyr, calc cmt.
- 2,570-2,620 SHALE - lt-m brn, gy, frm-hd, plty, ireg, pyr, sl arg, slty in pt, calc.
- 2,620-2,670 SANDSTONE - fros, lt gn, ind, f-m gr, sbrd, w srt, abnt qtz gr, p intgr \emptyset , NSFOC.
LIMESTONE - m-dk brn, hd, dns, fxl-n-vfxln, v arg, p intxln \emptyset , NSFOC.
Tr SHALE.
- 2,670-2,710 SHALE - dk brn, frm-hd, splty, ireg, slty, calc.
- 2,710-2,760 SANDSTONE - clr, fros, wh, ind, f-m gr, sbrd, w srt, tr glauc, sil cmt, fr intgr \emptyset , NSFOC.
LIMESTONE - lt gy-lt brn, hd, dns, sl arg, vfxln-micxln, suc, p intxln \emptyset , NSFOC.
- 2,760-2,820 SANDSTONE - clr, fros, f-m gr, ind, p-fr srt, tr glauc, sil cmt, fr intgr \emptyset , dd o stn, f strmg blwh flor cut.
LIMESTONE - lt gy, lt brn, hd, vfxln, suc, occ bndg, p intxln \emptyset , NSFOC.
Tr SHALE.
- 2,820-2,900 LIMESTONE - lt gn, gygn, lt brn, frm-hd, vfxln-suc, sl arg, p intxln \emptyset , NSFOC w/intbd SHALE - lt-dk gy, frm-hd, blk, plty, n calc.
- 2,900-2,960 LIMESTONE - lt-m brn, lt gy, crm, wh, frm-hd, vf-micxln, arg in pt, sl pyr, n-p intxln \emptyset , bri yel mnrl flor, fr yelwh strmg cut w/intbd SHALE - lt-dk gy, lt brn, frm-hd, blk, plty, ireg, n calc, fr yel strmg cut.
- 2,960-3,020 SANDSTONE - clr, fros, s&p, vf-fgr, ind, occ fri, sbang-sbrd, mod w srt, sl calc cmt, p intgr \emptyset , NSFOC, occ SHALE - lt-m brn, gy, hd, blk, ireg, sl calc, grdg to LIMESTONE - lt-m brn, crm, tan, hd, dns, chky, sl arg, p-fr intxln \emptyset , yel mnrl flor, tr pyr.
- 3,020-3,050 SHALE - lt-m brn, gy, frm-hd, blk, ireg, sl calc, grdg to SILTSTONE - lt gy, lt gn, fri-ind, tr pyr, tr glauc, sl sdy, v calc.

LITHOLOGY (Cont.)

- 3,050-3,120 LIMESTONE - crm, lt brn, tan, frm-hd, arg, chky, p intxln \emptyset , yel mnrl flor, grdg to SHALE - lt-dk brn, tan, frm-hd, blk, ireg, sl slty, calc.
- 3,120-3,160 SHALE - lt-dk brn, tan, frm-hd, blk, ireg, sl slty, sl calc, tr SILTSTONE.
- 3,160-3,220 SANDSTONE - clr, fros, lt brn, hd, ind, vf-m gr, sbrd-sbang, mod w srt, vp intgr \emptyset , dd o stn, gd strmg mlky wh flor cut, intbd SHALE - lt-m brn, tan, gy, frm-hd, blk, ireg, sl arg, v calc.
- 3,220-3,300 SANDSTONE - s&p, clr, fros, f-c gr, sbrd, p-m srt, occ slt, sme magn, calc cmt, dd o stn, gd mlky wh strmg cut.
Occ SHALE - lt-m brn, tan, crm, frm, blk-ireg, slty, calc, grdg to LIMESTONE - lt gy, sme brn, frm-hd, vfxln, arg, p intxln \emptyset , NSFOC.
- 3,300-3,350 SILTSTONE - lt gy, gybrn, w ind, blk-ireg, sdy, sme mica, calc.
- 3,350-3,400 SILTSTONE - lt gy, gybrn, w ind, blk-ireg, sdy, calc.
SHALE - lt-dk brn, frm, blk, plty, slty, calc.
- 3,400-3,450 SHALE - lt gy, gygn, frm-hd, blk, splty-ireg, slty, glauc, rthy, calc, tr SANDSTONE.
- 3,450-3,500 SHALE - lt gy, gygn, frm-hd, blk, plty, splty, slty, glauc, rthy.
SANDSTONE - clr, fros, ind, m gr, w srt, pyr, calc cmt, fr intgr \emptyset , tr dd o stn, wk blwh cut.
- 3,500-3,550 SILTSTONE - m-dk brn, ind, blk, tr pyr, calc.
SHALE - lt gy, gygn, frm-hd, sbblk, blk splty, slty, glauc, rthy, calc, tr SANDSTONE.
- 3,550-3,620 SHALE - lt-m gy, blwh, lt brn, gybrn, frm-hd, plty, sbblk, dol in pt, tr pyr, gd strmg yelgn cut.
SANDSTONE - lt gy, fros, lt gn, s&p, f-vfgr, fri-ind, cons, sbang, fr w srt, glauc, calc cmt, p intgr \emptyset , brn o stn, tr mlky wh cut.
- 3,620-3,670 SHALE - lt gy, blgy, lt brn, gy, frm-hd, plty-sbbk, v dol, sme pyr, carb mat, gd strmg yel gn cut.
- 3,670-3,720 SHALE - lt gy, blgy, lt brn, frm-hd, plty, sbblk, dol, sdy, gd strmg yelgn cut.
- 3,720-3,770 SHALE - lt gy, blgy, lt brn, gygn, frm-hd, plty, sbblk, dol in pt, sdy, tr pyr, fr calc, gd strmg yelgn cut.
LIMESTONE - crm, tan, wh, lt gy, hd, micxln, chky, sl arg, p-fr intxln \emptyset , NSFOC.

LITHOLOGY (Cont.)

- 3,770-3,800 SANDSTONE - clr, fros, wh, fri-ind, f-m gr, sbang, w srt, tr pyr, tr biot, calc cmt, fr intgr \emptyset , brn dd o stn, gd strmg yelgn cut.
- 3,800-3,860 LIMESTONE - lt-dk brn, crm, tan, hd, crp-micxln, sl dol in pt, n-p intxln \emptyset , NSFOC.
- 3,860-3,900 SHALE - lt-m brn, gy, gygn, frm-hd, blk-ireg, sl slty, calc.
- 3,900-3,950 SHALE - lt-dk brn, gy, tan, frm-hd, blk-ireg, slty, sl-mod calc.
Tr SILTSTONE.
- 3,950-3,990 SHALE - lt-m-dkbrn, gy, tan, frm-hd, blk, plty, ireg, slty, sl-mod calc.
Tr LIMESTONE.
- 3,990-4,050 SANDSTONE - s&p, clr, fros, vf-fgr, sbang-sbrd, p-m srt, tr magn, p intgr \emptyset , occ brn dd o stn, fr mlky wh strmg cut.
SILTSTONE - lt gn, lt brn, ind, blk-ireg, calc.
- 4,050-4,100 SILTSTONE - lt gn, lt-m brn, ind, blk-ireg, tr SHALE.
- 4,100-4,150 SILTSTONE - lt gn, lt brn, fri-ind, blk, calc, grdg to SHALE - lt gy, lt gn, lt brn, gy, dk brn, dk gn, frm-hd, blk, plty, ireg, sl calc, tr mlky yel cut.
LIMESTONE - lt-dk gy, gygn, wh, hd, micxln-vfxln, arg, chk, p intxln \emptyset , tr dd o stn, tr mlky wh cut.
- 4,150-4,200 SHALE - lt gy, lt gn, lt brn-dk brn, dk gn, plty, ireg, sl calc, tr mlky wh strmg cut, tr SILTSTONE.
- 4,200-4,230 SILTSTONE - lt gy, lt brn, frm-hd, plty, sbblk, dol in pt, sl calc, tr SANDSTONE.
- 4,230-4,260 SILTSTONE - lt gy, lt brn, lt gn, ind, blk, ireg, tr pyr, v calc, tr SANDSTONE.
- 4,260-4,320 SHALE - lt-dk brn, lt gy, frm, plty, sbblk, glauc, dol in pt, sme yelorn g flor, NSFOC.
SILTSTONE - lt gy, lt gn, ind, sl glauc, v calc.
- 4,320-4,370 SHALE - lt-m gy, brn, gygn, sft-frm, plty, blk, ireg, sl arg, dol in pt, slty, calc, tr SILTSTONE.
- 4,370-4,420 SHALE - lt-m gy, lt-m brn, gygn, frm, plty, blk, dol in pt, slty, sme brn o stn, fr blwh cut.
- 4,420-4,460 SHALE - lt-m gy, lt-m brn, sft-frm, plty, blk, v dol, slty, sme brn o stn, calc, fr blwh strmg cut.

LITHOLOGY (Cont.)

- 4,460-4,520 SHALE - m-dk brn, sft, lignitic, flky-plty, v carb, n calc.
SILTSTONE - lt brn, tan, ind, sbblky, calc.
- 4,520-4,590 SHALE - lt-dk brn, sft-frm-hd, plty, sbblky, carb, calc, tr SILTSTONE.
- 4,590-4,620 DOLOMITE - wh, lt gy, gybl, vf-fxln, hd, sft, occ chky, p intxln \emptyset , fr mlky wh cut.
SHALE - lt-m gy, gygn, gybrn, frm-hd, plty, ireg, sl calc, tr SANDSTONE.
- 4,620-4,670 SHALE - lt-m gy, gygn, sft-frm-hd, plty, splty, sme pyr, calc, slty, tr SILTSTONE.
- 4,670-4,720 SHALE - gyblk, lt-dk brn, frm-hd, blk, plty, ireg, slty, grdg to SILTSTONE - lt-m brn, lt gy, fri-ind, calc, sme brn o stn, fr mlky wh cut, tr SANDSTONE.
- 4,720-4,770 SHALE - gyblk, lt-dk brn, sft-frm-hd-blky, plty, sme pyr, carb, n-sl calc.
Occ SILTSTONE - lt brn, fri-ind, blk, calc, sme brn o stn, tr mlky wh cut, tr SANDSTONE.
- 4,770-4,850 SHALE - lt-dk brn, sft-frm-hd, blk, plty, ireg, v lignitic, v carb, n calc, gd strmg wh flor.
- 4,850-4,920 SHALE - gy blk, lt-dk brn, frm-hd, sl dol in pt, tr carb mat, brn o stn, fr mlky wh strmg cut.
SANDSTONE - clr, fros, lt gy, lt brn, ind, occ fri, vf-f gr, w srt, sbrd, glauc, calc cmt, p intgr \emptyset , tr yel wh mlky cut.
- 4,920-4,970 SHALE - lt gn, lt gy, occ dk brn, sft-frm-hd, plty, plty ireg, dol in pt, slty, carb, sme brn o stn, mlky wh cut, tr LIMESTONE.
- 4,970-5,020 SHALE - lt gn, lt gy, m-dk brn, lignitic, sft-frm-hd, blk, plty, flky, ireg, slty, v carb, sme brn o stn, wk mlky wh cut.
SANDSTONE - clr, fros, lt gy, vf-fgr, fri-ind, fr-w srt, sbrd-sbang, p intgr \emptyset , gd mlky wh strmg cut.
- 5,020-5,070 SHALE - lt gy, gygn, lt-m brn, sft-frm, blk, plty, carb in pt, slty, sme brn o stn, gd strmg yel wh cut.
Tr SILTSTONE.
- 5,070-5,120 SHALE - lt-m gy, gygn, lt-m brn, sft-frm, blk, plty, slty, tr dd o stn, intbd SILTSTONE - gygn, wh, fri-ind, blk, plty, ireg, sdy, calc.
- 5,120-5,170 SILTSTONE - lt gy, wh, lt gn, fri-ind, blk, ireg, sdy, calc, tr SANDSTONE.

LITHOLOGY (Cont.)

- 5,170-5,220 SHALE - lt-dk gy, orng brn, sft-frm, blk, plty, ireg, sl calc, occ dd o stn, NSFOC, tr SILTSTONE.
- 5,220-5,260 SHALE - lt gy, gybrn, orng brn, sft-frm, occ hd, plty, ireg, sl calc, occ dd o stn, tr blk carb SH.
- 5,260-5,320 SANDSTONE - clr, fros, f-m gr, ind, m srt, sbrd, slty, calc cmt, p intxln \emptyset , fr yelgn strmg cut.
LIMESTONE - lt-dk gy, gybrn, frm-hd, vf-fxln, suc, sl arg, p intxln \emptyset , wk blwh cut, grdg to SHALE - lt-dk gy, lt-dk brn, plty, blk, sft-frm, sme brn o stn, fr blwh strmg cut.
- 5,320-5,370 LIMESTONE - lt-dk gy, gybrn, frm-hd, vf-fxln, sl arg, p intxln \emptyset , sme brn o stn, fr blwh mlky cut, occ SHALE - lt-dk gy, lt-dkbrn, sft-frm, blk, plty, n calc.
- 5,370-5,410 LIMESTONE - lt-dk brn, blk, dk gy, hd, micxln, occ crpxln, suc, v arg, o stn, sme chky, p intxln \emptyset , bri yelwh flor, gd blwh mlky strmg cut, tr SHALE.
- 5,410-5,450 SHALE - lt gy, lt brn, sft-frm, plty, splty, n calc, tr pyr.
LIMESTONE - wh, crm, lt gy, frm-hd, micxln-crpxln, sme suc, sl arg, tr o stn, occ chky, p intxln \emptyset , fr blwh mlky strmg flor cut.
- 5,450-5,480 LIMESTONE - lt-m-dk brn, sme blk, dk gy, frm-hd, crp-micxln, v arg, tr pyr, p intxln \emptyset , occ bri yel mnrl flor, wk blwh mlky cut, tr SHALE.
- 5,480-5,550 SANDSTONE - wh, lt brn, f-m gr, ind, occ fri, sbrd-rd, w srt, tr glauc, fr intgr \emptyset , calc cmt, dd o stn, fr blwh strmg cut.
SHALE - lt gy, lt gn, sme brn, sft-frm, plty, splty, ireg, rthy, tr pyr, calc, grdg to SILTSTONE - lt gy, brn, wh, fri-ind, blk, calc.
- 5,550-5,600 SHALE - rdbrn, lt-m gy, sme brn, frm, occ sft, splty, plty, ireg, slty in pt, calc, tr LIMESTONE.
- 5,600-5,650 SHALE - rdbrn, lt-m gy, sme brn, frm, occ sft, splty-plty, ireg, slty in pt, calc, tr LIMESTONE.
- 5,650-5,700 SILTSTONE - lt gy, lt brn, rdbrn, fri, blk-ireg, calc, grdg to SHALE - rdbrn, lt-m gy, gygn, lt-dk brn, sft-frm, blk, plty, ireg, arg in pt, slty, sl carb, sl-mod calc.
- 5,700-5,750 SHALE - lt-m gy, rdbrn, gygn, sft-frm, blk, plty, fis, splty, sl arg, sl carb in pt, sl-mod calc, tr SILTSTONE.
- 5,750-5,800 SHALE - lt-m gy, rdbrn, gybrn, gygn, sft-frm, blk, fis, splty, flky, sl arg, slty, sl-mod calc.

LITHOLOGY (Cont.)

- 5,800-5,820 SHALE - rdbrn, lt-m gy, gygn, sft frm, blk, fis, splty, v slty, calc.
- 5,820-5,850 SILTSTONE - rdbrn, blk, fri, calc.
- 5,850-5,900 SHALE - m gy, blk, rdbrn, sft frm, sbblk, ireg, slty, calc.
- 5,900-5,950 SHALE - lt-dk gy, gybrn, rdbrn, occ gn, sft frm, blk, plty, splty, slty in pt, sl-mod calc.
- 5,950-5,970 SANDSTONE - fros, clr, lt gy, vf-m gr, fri, sbrd, mod w srt, calc cmt, fr intgr \emptyset , NSFOC, tr SILTSTONE.
- 5,970-6,000 SILTSTONE - lt gn, rdbrn, fri-ind, blk, ireg, v calc, tr glauc.
- 6,000-6,050 SHALE - lt gygn, gn, gy, lt brn, frm-hd, sbblk, ireg, n-sl calc.
LIMESTONE - lt gywh, frm-hd, micxln, chky, sme vug \emptyset , p-fr intxln \emptyset .
- 6,050-6,100 SHALE - lt-dk gy, rdbrn, sme dk brn, frm-hd, splty, plty, slty in pt, calc.
- 6,100-6,150 SHALE - lt-m gy, rdbrn, gygn, sft frm-hd, blk, splty, ireg, slty, v calc.
- 6,150-6,200 SHALE - lt gy, rdbrn, gygn, sft frm-hd, blk, ireg, sme slt, tr glauc, mod calc.
- 6,200-6,250 SHALE - rdbrn, gygn, sme brn, sft frm, plty, splty, occ slty, sl-mod calc.
- 6,250-6,300 SHALE - rdbrn, gygn, sme brn, sft frm, splty, plty, slty, tr pyr, sl-mod calc.
- 6,300-6,350 SHALE - rdbrn, gngy, sme brn, sft frm-hd, plty, splty, occ slty, tr pyr, n-sl calc.
- 6,350-6,400 SHALE - rdbrn, gygn, tan, frm-hd, plty, sbblk, splty, calc.
SILTSTONE - rdbrn, brn, fri-ind, ireg, v calc.
- 6,400-6,450 SHALE - rdbrn, orng, tan, frm-hd, plty, sbblk, slty in pt, mod calc, tr SILTSTONE.
- 6,450-6,500 SHALE - rdbrn, brn, gygn, frm, sbblk, ireg, calc, tr SILTSTONE.
- 6,500-6,550 SILTSTONE - gybrn, rdbrn, fri, occ ind, ireg, v calc, Tr SANDSTONE - clr, fros, m-cgr, fri, ang-sbang, mod srt, sme glauc, magn, calc cmt, p intgr \emptyset , NSFOC.
SHALE - lt-dk gy, frm-hd, plty, sbblk, n-sl calc.

LITHOLOGY (Cont.)

- 6,550-6,600 SHALE - gygn, dk gy, rdbrn, frm-hd, blk, ired, slty, calc.
- 6,600-6,650 SHALE - rdbrn, brn, gygn, frm, blk, splty, ired, tr slt, v calc.
Tr LIMESTONE.
- 6,650-6,700 SHALE - rdbrn, lt-m gy, tr gn, sft-frm, blk, plty, sbfis, slty, n-sl calc.
- 6,700-6,750 SHALE - lt gngy, gy, rdbrn, frm-hd, sbblk, ired, n-sl calc, grdg to SILTSTONE - rdbrn, brn, lt gy, fri-ind, ired, mod calc.
- 6,750-6,800 SHALE - lt-dk gy, gygn, rdbrn, frm-hd, sbblk, plty, slty, tr pyr, mod calc, tr SILTSTONE.
- 6,800-6,850 SHALE - gygn, rdbrn, sme blk, frm-hd, blk, plty, ired, occ pyr, v calc.
- 6,850-6,900 SHALE - lt-m gy, gygn, rdbrn, brn, tr blk, sft-frm-hd, plty, fis, occ ired, sl carb, sl sdy, v calc.
- 6,900-6,950 SHALE - lt-m gybrn, occ ylgn, frm-hd, plty, ired, v slty, sme pyr, calc.
- 6,950-7,000 SHALE - rdbrn, lt-m gy, sme b4n, yel, tan, sft-frm, blk, plty, fis, slty, abnt pyr, calc, tr SILTSTONE.
- 7,000-7,050 SHALE - lt-m gy, rdbrn, tan, gygn, sft-frm-hd, splty, fis, blk, plty, slty in pt, abnt pyr, n-mod calc.
- 7,050-7,100 SHALE - rdbrn, lt-m gy, brn, gygn, sft-frm, splty, fis, blk, plty, slty in pt, n-mod calc.
- 7,100-7,150 SHALE - rdbrn, lt-m gy, brn, gygn, sft-frm-hd, splty, fis, blk, slty in pt, sl carb, pyr, n-sl calc.
- 7,150-7,200 SHALE - rdbrn, lt-m gy, gygn, sft-frm, sbblk, plty, splty, sl slty in pt, sl tr carb mat, n-mod calc.
- 7,200-7,270 SHALE - rdbrn, lt gy, gygn, sft-frm-hd, blk, plty, splty, slty, sl carb, calc.
- 7,270-7,350 SILTSTONE - rdorng, gy, gygn, mod ind, sbblk, pyr, sl-mod calc.
SANDSTONE - s&p, lt gy, fros, vf-fgr, sbang-sbrd, mod srt, fri, pyr, calc cmt, p intgr \emptyset , NSFOC.
SHALE - orngbrn, dk brn, gygn, yelgn, tan, sft-frm-hd, plty, sbblk, slty, pyr, sl tr carb mat, sl calc.
- 7,350-7,400 SHALE - rdbrn, yelbrn, lt gy, gygn, sft-occ hd, splty, blk, slty, tr pyr, n-sl calc.

LITHOLOGY (Cont.)

- 7,400-7,450 SHALE - lt gygn, brn, sft frm-hd, splty, ireg,
slty in pt, pyr, sdy, calc.
- 7,450-7,500 SHALE - rdbrn, lt-m brn, lt gy, gygn, sft frm, plty,
ireg, slty, n-sl calc.

NATURAL GAS CORPORATION OF CALIFORNIA

DENVER CORPORATE CENTER - TOWER II
7800 EAST UNION AVE. • SUITE 800
DENVER, COLORADO 80237
(303) 694-6076

May 3, 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 82116

RE: Federal 32-29
Section 29, T.9S R.18E
Uintah County, Utah

Gentlemen:

Attached is the completed OGC -8 - X form which you requested.
This well did not encounter any water sands while drilling.

Production casing was run on the well and will be attempted as
a Green River Oil Producer.

If you have any questions, Please call

Sincerely,



Frank W. Baumgartner

RECEIVED

MAY 07 1982

FWB/wl

DIVISION OF
OIL, GAS & MINING

NATURAL GAS CORPORATION OF CALIFORNIA

DENVER CORPORATE CENTER - TOWER II
7800 EAST UNION AVE. • SUITE 800
DENVER, COLORADO 80237
(303) 694-6076

May 4, 1982

Mr. Cleon B. Feight
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: 32-29 Federal Sheep Dip
SW NE Sec.29 T.9S R.18E
Uintah County, Utah

Dear Mr. Feight:

Natural Gas Corporation of California would like to hold the well logs that you received from our 32-29 Sheep Dip Federal well in a "TIGHT HOLE" status as outlined by the rules and regulations of the state of Utah, the normal suite of logs, DIL - GR - SP, FDC - CNL - GR, BHC Sonic - CAL - GR - "F" log, would be available for release.

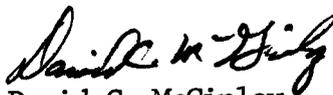
All other logs which include Prox-Micro log - CAL - GR, RFT log, Litho Density - CAL - GR, NGT - SPECT - CGR - SGR, Dipmeter - GR - DEV - AZIM - RB, and Computer Processed log, are not to be released before April 20 1984.

These logs are considered highly confidential and proprietary in nature.

Any company making inquires as to the release of this data other than the normal suite of logs should be referred to me.

Your corporation in this matter is sincerely appreciated.

Sincerely,



David C. McGinley
Chief Development Geologist

DCMG/w1

RECEIVED
MAY 07 1982
DIVISION OF
OIL, GAS & MINING

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, Utah 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1941' FNL, 1983' FEL (SW $\frac{1}{4}$, NE $\frac{1}{4}$)
AT TOP PROD. INTERVAL: Sec. 29, T.9S., R.18E.
AT TOTAL DEPTH:

5. LEASE
U-1267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
N.G.C.#32-29 Federal

10. FIELD OR WILDCAT NAME
Sheep Dip

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T.9S., R.18E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5750

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 checked="" type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" 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) <input 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 proposes to complete and install production equipment on the above captioned well. One zone will be perforated and fracture treated. The zone is between 4625-4524. The fracture treatment will be approximately 60,000 gal of gelled Diesel and 150,000# sand.

See attached sheet for Location Layout.

Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED Wm Ryan TITLE Petroleum Engr. DATE July 2, 1982
W. A. Ryan

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY
cc: MMS; Div. OG&M; Chorney; DeGolyer; Operations; ERHenry; SFurtado

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

July 13, 1982

CONFIDENTIAL

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 #32-29 Federal
SW NE Sec. 29, T.9S., R.18E.
Uintah County, UT
Sheep Dip Prospect

Gentlemen:

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

Yours truly,

W^m Ryan

W. A. Ryan
Petroleum Engineer

/kh

Attachment

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

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

July 13, 1982

CONFIDENTIAL

Mr. E. W. Guynn
Minerals Management Service
1745 W. 1700 S., 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 #32-29 Federal
SW NE Sec. 29, T.9S., R.18E.
Uintah County, UT
Sheep Dip Prospect

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Request for Approval to Fracture Treat and Shoot or Acidize the above
referenced well.

Yours truly,

W^m Ryan

W. A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark (Cover Letter Only)
E. R. Henry
S. Furtado

For Intra-Company Uses

Department RMR Production

File No.

Re Letter of

Subject Economic and Engineering Information, NGC 32-29I

June 15, 1984

TO: Bill Ryan

The following is the economic and engineering information you requested concerning the NGC 32-29I. The cost of hooking this well up to our P.V. II Gas Gathering System would be about \$70,000. At the current gas flow rate, expected decline and gas price, the pipeline would never pay for itself. The vented gas volume will fall below the 25 MCF/D limit in early 1987.

The assumptions used in the economic calculations are these:

1. 50 MCF/D average 1984 production, as measured on recent tests.
2. 20% year gas decline, a good approximation of other Pleasant Valley wells.
3. 10% interest rate.
4. \$700/mo. operating cost. The average monthly operating cost per well for the P.V. II system is \$800/mo.
5. \$2.50/MMBTU gas price. Established price with PG&E.
6. 1150 BTU/ft³ gas quality.
7. 25% burden on gas sales. This includes overrides, all taxes, etc.

The estimated hook up cost is broken down below:

1. Line pipe: 26,000 ft of 2", .154" wall	\$32,000
F.O.B. Vernal w/tax	23,400
2. Pipeline Labor \$.90/mile	500
3. Valves & Fittings	2,100
4. Scrubber Pot	2,400
5. 2" Meter Run	1,200
6. Wellsite and Tap Labor	6,160
7. Contingencies (10%)	<u>67,760</u>
Total	\$67,760

Using the information and assumptions stated above, the net present value (NPV) of the project was calculated for the next 6 years, where it becomes very obvious the line will not be profitable or even pay for itself.

Year	Produced Volume MCF/D	Vented Volume MCF/D	Vented Volume MCF/yr	Net Income (\$)	NPV (\$)
1984	65	50 ✓	18,000	30,413	-40,112
1985	52	37	13,320	20,321	-23,318
1986	42	27	9,576	12,248	-14,116
1987	33	18	6,581	5,790	-10,161
1988	27	12	4,185	623	-9,774
1989	21	6	2,268	-3,510	-11,756



Memorandum

TO: Bill Ryan
DATE: June 15, 1984
RE: Economic and Engineering Information, NGC 32-29I

Page 2.

From an economic standpoint, attaching 32-29I to the P.V. II system will be a disaster.

If you require more information, a more in-depth explanation of the economic techniques used, or think the assumptions I have made are incorrect, feel free to call and discuss it.



Eric F. Hadsell
Petroleum Engineer

EFH/pbmc

*Natural Gas
Corporation of
California*

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

July 6, 1984

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

Re: Rule C-27, Well #32-29-I
Section 29, T.9S., R.18E.
Uintah County, Utah
Lease no. U-19267

RECEIVED

JUL 9 1984

DIVISION OF OIL
GAS & MINING

Gentlemen:

Natural Gas Corporation of California respectfully requests permission to continue venting gas from the subject well per Rule C-27.

The attached letter shows it is not economical to gather the gas from this well. If Natural Gas Corporation of California is required to conserve this gas, it will lead to the premature abandonment of this well and will curtail lease development in this area and others where gathering systems have not been installed.

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

Yours truly,

William A. Ryan

William A. Ryan
Petroleum Engineer

WAR/kh

Attachment

cc: E. Hadsell
S. Pritza

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal #32-29 Sheep Dip
Operator Natural Gas Corporation of CA Address 7800 East Union Ave., Suite 800
Denver, CO 80237
Contractor Olsen Drilling Co. Address 410 17th Street, Suite 1650
Denver, CO 80202
Location SW 1/4 NE 1/4 Sec. 29 T: 9S R. 18E County Uintah

Water Sands

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

(Continue of reverse side if necessary)

Formation Tops

Tgr 1070' Tw 5510'

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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 Salt Water Disposal well

2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface 1980' FEL and 660' FSL (SW/SE)

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4758' GL

RECEIVED
SEP 6 1984
DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL
U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Pariette Bench

9. WELL NO.
#4

10. FIELD AND POOL, OR WILDCAT
Pariette Bench Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T9S, R19E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:

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) Dispose of water for Other Operators

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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.)*

DIAMOND SHAMROCK EXPLORATION COMPANY has reached an agreement with Natural Gas Corporation of California concerning the disposal of produced water from wells in the Eight Mile Flat/Pariette Bench area. NGC now has our approval to dispose of water from the following wells into the Pariette Bench #4.

WELL	WATER VOLUME	LOCATION	FEDERAL LEASE #
NGC Federal #14-35D	6.2 BWPD	SW/SE Sec. 35, T8S, R18E	U-49430
NGC Federal #32-29I	17.2 BWPD	SW/NE Sec. 29, T8S, R18E	U-19267
NGC Federal #42-34D	39.9 BWPD	SE/NE Sec. 34, T8S, R18E	U-51081

Other operators have approached DIAMOND SHAMROCK EXPLORATION CO., seeking permission to dispose of water from their wells in this area. We are now evaluating these requests and making legal arrangements. The State of Utah and the BLM will be notified if other water will be injected.

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

SIGNED [Signature] TITLE Production Engineer DATE August 4, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

October 11, 1984

Mr. William A. Ryan
Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. 32-29-I, Sec. 29, T. 9S, R. 18E, Uintah County, Utah.

The Board of Oil, Gas and Mining, having received and reviewed the justification statement dated July 6, 1984 for venting gas from the above referenced well, has granted Natural Gas Corporation of California (NGC) permission to continue venting gas from the well on a conditional basis. The decision to allow continued venting was made at the September 27, 1984 meeting of the Board.

The following conditions must be met in order for NGC to continue venting gas from this well:

1. The well may be fully produced and associated gas vented or flared as long as the gas-oil ratio (GOR) remains 2000:1 or less.
2. If the GOR exceeds 2000:1, the well may be produced on a restricted basis, the restricted rate being equivalent to what a well having a GOR of 2000:1 would produce at 100 % deliverability or to flare or vent up to 100 MCF/D, whichever is greater.

Please note that if future development occurs in the area of the well or if gas production significantly increases, the Board may choose to reevaluate NGC's request to vent gas and additional justification for continued gas venting may be required.

Page 2
Natural Gas Corporation of California
October 11, 1984

Feel free to contact this office if you have any questions.
Thank you for your consideration in this matter.

Best Regards,



Dianne R. Nielson
Director

JRB/sb
cc: R.J. Firth
J.R. Baza
96840-47-48

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.

U-19267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

32-29-I

10. FIELD AND POOL, OR WILDCAT

Sheep Dip

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

Section 29, T.9S., R.18E.

14. PERMIT NO.

43-047-31175

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

5150' GR

12. COUNTY OR PARISH

Uintah

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

November 15, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

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

DATE: 12/20/84

BY: *William A. Ryan*

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

RECEIVED

MAR 13 1985

March 11, 1985

**DIVISION OF OIL
GAS & MINING**

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

Attn: Mr. John Baza

SUBJECT: Pleasant Valley 32-29I
Section 29, T9S, R18E

Dear Sir,

Gas is being vented at the subject wellsite at the rate of approximately 75 mcf per day. This well has been tested twice in the past six to nine months with results reading at 76.63 mcf and 73.6 mcf.

Very truly yours,

Kathy Knutson
Kathy Knutson
Technical Assistant

/kk
cc: Files



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 2, 1985

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

Gentlemen:

RE: Review of Submitted Production and Disposition Information.

The Division staff has recently reviewed production and disposition reports submitted on several wells within Uintah County under your operatorship. The subject wells are listed on the enclosed tables, a comparison of submitted production and disposition reports on the subject wells indicate that the wells produced exactly the amount of gas used on lease each month through the year 1984. The Division staff has reasonable concern that the submitted production information is inaccurate and that proper measurements of gas production are not currently being performed.

It is requested that Natural Gas Corporation perform production tests of all the wells listed on the attached reports and that information be supplied which validates the production reported for the year 1984. The General Rules and Regulations of the Board of Oil, Gas and Mining require that measurement of all oil and gas produced from a well be performed and that such measurements be submitted in writing to the Division. Any additional information you could provide which would confirm your compliance with these Rules and Regulations would be greatly appreciated.

Your prompt consideration of this matter is appreciated. Please contact this office if you have additional questions.

Well No. Federal # 32-29
 Sec. 29, T. 9S R. 18E
 Uintah County, Utah

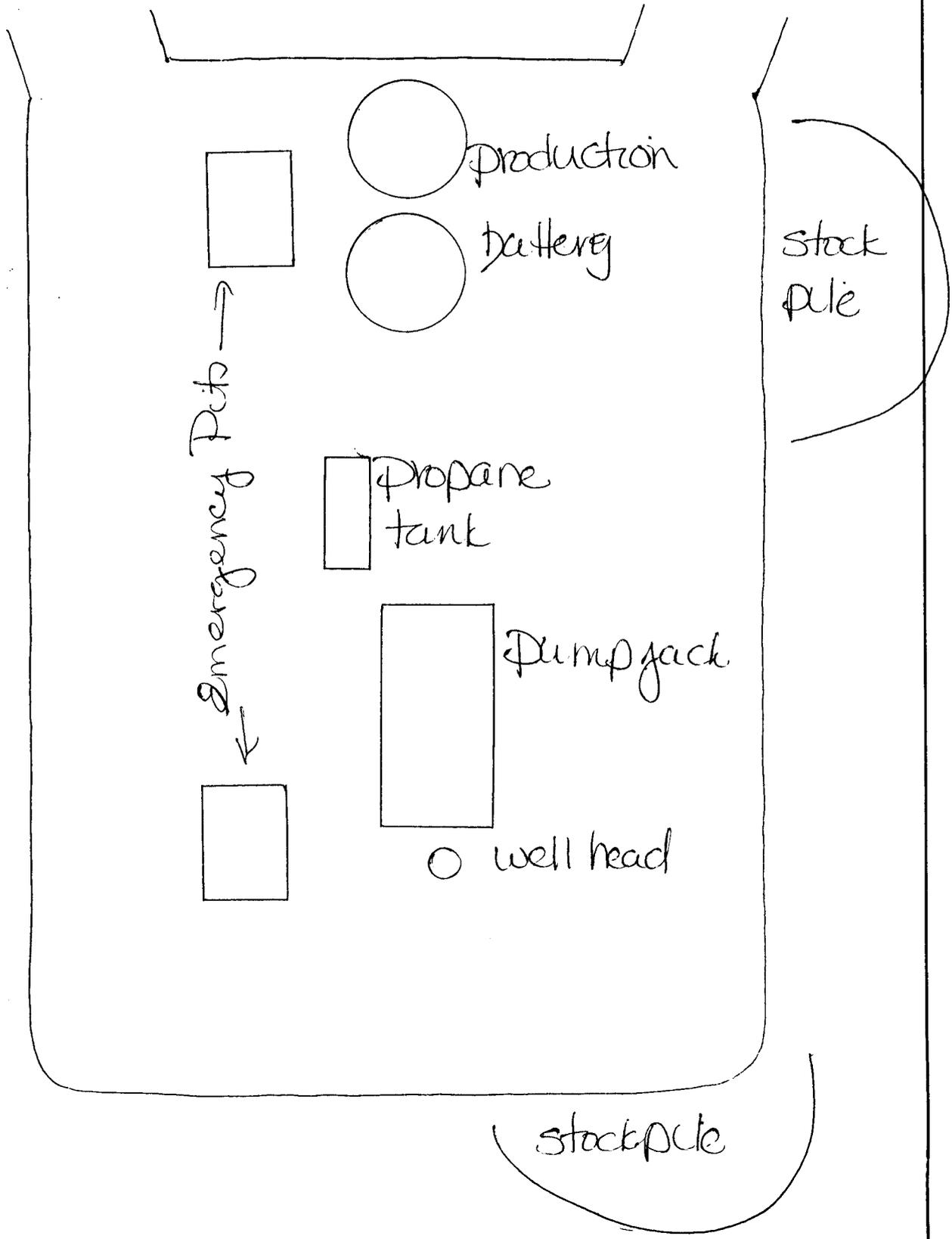
Sincerely,

John R. Baza
 John R. Baza
 Petroleum Engineer

Enclosures
 cc: R.J. Firth
 Well File
 0090T-65

#1 31175

Sec 29, T9 S0 R18E Study 5/17/89



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CONFIDENTIAL

SUBJECT TO DUPLICATION

Approved
Budget Bureau No. 42-R355.5
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1941' FNL, 1983' FEL, Sec. 29, T.9S., R.18E. SW 1/4 NE 1/4
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
U-19267

6. IF INDIAN; ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
32-29

10. FIELD AND POOL, OR WILDCAT
~~SHUT-IN~~ WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 29, T.9S., R.18E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUDDED 4/6/82 16. DATE T.D. REACHED 4/18/82 17. DATE COMPL. (Ready to prod.) 6/28/82 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 5150' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7500 21. PLUG, BACK T.D., MD & TVD 5768 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0-TD 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4524 - 4625

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, GR, SP, FDC-CNL, Cal, BHC-Sonic - Sonic F-Log

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
8-5/8"	24#	300	12-1/4	To surface	
5-1/2"	17#, K-55	5768	7-7/8	500 sx	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	4686.79	

31. PERFORATION RECORD (Interval, size and number)

5180 - 4 shots	} Squeeze
3929 - 4 shots	
4524-28, 4588, 4592, 4594-98,	
4616, 4625 (13 shots)	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4524-4625	59 bbls. diesel, 54,500 gal. gelled diesel, 135,000# sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
6-28-82	Pumping - Axelson 1 1/2"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-4-82	24		→	50.0	10	53.3	36.5

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-AP1 (CORR.)
0	10#	→	50.0	10	53.3	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel

35. LIST OF ATTACHMENTS
Geological report to follow.

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

SIGNED W^M Ryan TITLE Petroleum Engineer DATE July 7, 1982
W. A. Ryan

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



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

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. N0700

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)
NGC 23-23 FEDERAL 4304731169 06160 09S 17E 23	GRRV				
FEDERAL 32-29 4304731175 06170 09S 18E 29	GRRV				
NGC 24-9H FEDERAL 4301330682 06175 09S 17E 9	GRRV				
FEDERAL 13-9H 4301330656 06185 09S 17E 9	GRRV				
PTS 33-36 STATE 4301330486 06190 11S 14E 36	WSTC				
FEDERAL 31-20 4304731433 06196 08S 22E 20	GRRV				
FEDERAL 12-9-H 4301330983 09830 09S 17E 9	GRRV				
FEDERAL NGC #22-9-H 4301331049 10065 09S 17E 9	GRRV				
FEDERAL #41-5-G 4301331205 10859 09S 16E 5	GRRV	<i>Cont.</i>			
FEDERAL 23-9-H 4301331206 10868 09S 17E 9	GRRV				
FEDERAL 24-33-B 4301331214 10913 08S 16E 33	GRRV	<i>Cont.</i>			
TOTAL					

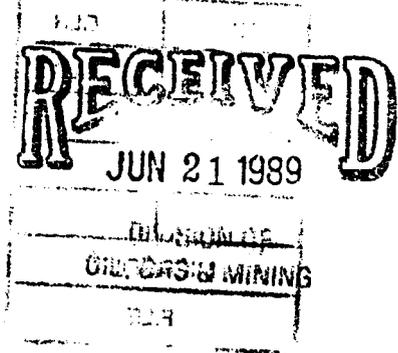
Comments (attach separate sheet if necessary) _____

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

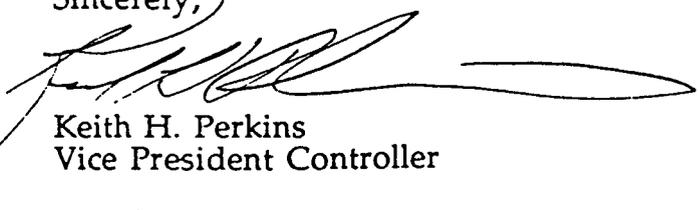
All remittances should be mailed to:

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

6-06-89
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 opp from
Natural Gas Corp to NGC.
JAS

NGC
Energy
Company

OIL AND GAS	
DRN	RJF
JRB ✓	GLH
DTS	SLS
2-TAS	
3-	MICROFILM ✓
4-	FILE

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

July 19, 1989

Mr. John R. Baza
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
JUL 21 1989

DIVISION OF
OIL, GAS & MINING

Re: Gas Venting in the Glen Bench and Pleasant Valley Areas

Dear Mr. Baza:

Due to the small and declining gas volumes from the following wells, we request approval to discontinue our testing schedule:

<u>Well Number</u>	<u>Date Tested</u>	<u>Volume MCFD</u>
Glen Bench 31-20	07/02/89	6.6 ✓
Glen Bench 13-20	07/03/89	21.6 ✓
Pleasant Valley 21-15-H	06/29/89	16.6 ✓
Pleasant Valley 24-15-H	06/26/89	6.6 ✓
Pleasant Valley 41-30	06/25/89	0 ✓
Pleasant Valley 32-29-I	06/24/89	18.3 ✓
Pleasant Valley 33-18-J	06/23/89	0 ✓
Pleasant Valley 11-16	06/22/89	6.6 ✓
Pleasant Valley 13-9-H	06/29/89	6.6 ✓
Pleasant Valley 24-9-H	06/28/89	0 ✓
Pleasant Valley 33-2-H	06/30/89	0 ✓

Attached are copies of the letter and Sundry Notice filed in July, 1988. Approval was never received from the State of Utah. I went to the BLM July 18, 1989 and talked with Jerry Kenzka, Petroleum Engineer, who approved the request for the BLM. He stated that the BLM does not require testing because of the low volumes of vented gas. He also restated the BLM's approval to vent these wells and that any testing should be regulated by the Utah Oil and Gas Commission. He also said the reason the venting of these wells was not addressed in the "Conditions of Approval", was because of the low volumes vented.

We would appreciate your attention to this matter. If I can be of further assistance, please contact me in the Vernal office at 789-4573.

Sincerely,

Clemott M. Heddleson

Clemott M. Heddleson
Production Supt.
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions 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"/>		5. LEASE DESIGNATION AND SERIAL NO U-19267
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 194' FNL 1983' FEL SW/NE		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31175		9. WELL NO. 32-29-I
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5150' GR		10. FIELD AND POOL, OR WILDCAT Sheep Dip
12. COUNTY OR PARISH Uintah		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T9S, R18E
13. STATE Utah		

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"/>	

(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 the small and declining gas volume of 18.3 MCFD from this well, we request approval to discontinue our testing schedule. If this is not acceptable, we request changing the testing schedule from monthly to yearly.

cc: Div. Oil, Gas & Mining; Stan Goodrich; Central Files-Dallas

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

SIGNED Clemett M. Heddleson TITLE Production Supt. DATE 7/18/89
Clemett M. Heddleson
(This space for Federal or State office use)

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

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

*See Instructions on Reverse Side

DATE 7-28-89
John R. Dora

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR GAS VENTING OR FLARING

Natural Gas Corporation of California
Various wells listed below
Duchesne and Uintah Counties, Utah
July 28, 1989

Reference document: Letter and sundry notices dated July 19, 1989,

<u>Well Name and Number</u>	<u>Well Location</u>
Glen Bench 13-20	Sec. 20, T. 8S, R. 22E
Glen Bench 31-20	Sec. 20, T. 8S, R. 22E
State 33-2-H	Sec. 2, T. 9S, R. 17E
Federal 13-9-H	Sec. 9, T. 9S, R. 17E
Federal 24-9-H	Sec. 9, T. 9S, R. 17E
Federal 21-15-H	Sec. 15, T. 9S, R. 17E
Federal 24-15-H	Sec. 15, T. 9S, R. 17E
State 11-16	Sec. 16, T. 9S, R. 17E
Federal 41-30	Sec. 30, T. 9S, R. 17E
Federal 32-29-I	Sec. 29, T. 9S, R. 18E
Federal 33-18-J	Sec. 18, T. 9S, R. 19E

1. The operator shall accurately report all production and disposition for the listed wells including gas used on lease and gas vented or flared.
2. For the listed wells, annual stabilized production tests which reflect the normal producing conditions of each of the wells shall be considered as complying with Rule R615-2-8, Measurement of Production.

OI58/93

December 4, 1990

RECEIVED
 DEC 06 1990



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

DIVISION OF
 OIL, GAS & MINING

Re: Annual Stabilized Production Tests

Gentlemen:

Listed below are the results of the annual stabilized production tests for all wells venting gas.

<u>Well</u>	<u>Location</u>	<u>Date</u>	<u>MCFD</u>	<u>Remarks</u>	
43-047-31355	Glen Bench 13-20	20-8S-22E	11/90	20	Sold 12/1/90
43-047-31433	Glen Bench 31-20	20-8S-22E	11/90	14	Sold 12/1/90
43-097-31195	State 33-2-H	2-9S-17E	not tested		P&A 5/18/90
43-013-30616	State 11-16	16-9S-17E	not tested		P&A 5/22/90
43-013-30656	Federal 13-9-H	9-9S-17E	9/90	6	
43-013-30682	Federal 24-9-H	9-9S-17E	10/90	0	
43-013-30614	Federal 21-15-H	15-9S-17E	9/90	13	
43-013-30681	Federal 24-15-H	15-9S-17E	9/90	0	
43-013-30680	Federal 12-8-H	8-9S-17E	10/90	7	
43-013-30601	Federal 41-30	30-9S-17E	9/90	0	
43-047-31175	Federal 32-29-I	29-9S-18E	9/90	15	
43-047-31200	Federal 33-18-J	18-9S-19E	9/90	0	

If additional information is needed, please contact the Vernal office at 801-789-4573.

Sincerely,

Mike Mc Mican

Michael L. McMican
 Production Superintendent

MLM/kh

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 U1870145/80,000 "Rider to Daken" rec'd 10-3-94.
Trust Land/Ed "Rider" Aprv. 10-5-94 # U2164274/80,000.

- Yes* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
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) 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.

DT 2. Copies of documents have been sent to State Lands for changes involving State leases.
2/8/94 to Ed Berry

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 Btm/s.Y. Not Aprv. yet!
941125 " Aprv.'d.

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11 1994

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

DALEN Resources
Oil & Gas Co.



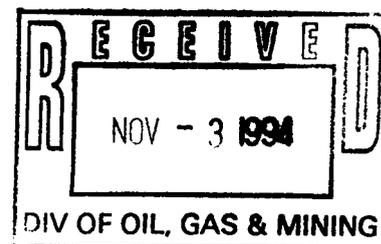
October 31, 1994

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

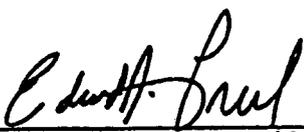
State of Delaware
Office of the Secretary of State

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.




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 "DAIEN 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

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 CARDONA	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

CMerritt:dab 11/25/94 (U01470A)

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-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-634217A *Confirmed Btm/SL
11-29-94. Lee

UTAH WELLS

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓NGC #31-15 (PA'd 10/88)	NW/4 NE/4	15-14S-24E	Unitah	U-10133	43-047-30974
✓Federal #42-23 (PA'd 9/90)	SE/4 NE/4	23-14S-24E	Unitah	U-10133	43-047-30976
✓Federal #23-23 (PA'd 8/90)	NE/4 SW/4	23-9S-17E	Unitah	U-17785	43-047-31169
✓Federal #32-29	SW/4 NE/4	29-9S-18E	Unitah	U-19267	43-047-31175
✓Federal #33-18-J	NW/4 SE/4	18-9S-19E	Unitah	U-16544	43-047-31200
✓State #2-32-B	NW/4 NE/4	32-9S-19E	Unitah	ML-45172	43-047-32221
✓Federal #11-24-B	NE/4 SW/4	24-9S-19E	Unitah	UTU-68625	43-047-32223
✓State #5-36-B	SW/4 NW/4	36-9S-19E	Unitah	ML-45173	43-047-32224
✓State #9-36-A	NE/4 SE/4	36-9S-18E	Unitah	ML-45171	43-047-32225
✓Federal #7-24-B	SW/4 NE/4	24-9S-19E	Unitah	U-68625	43-047-32227
✓Federal #13-26-B	SW/4 SW/4	26-9S-19E	Unitah	UTU-68626	43-047-32237
✓Federal #11-31-C (PA'd 2/94)	NE/4 SW/4	31-9S-20E	Unitah	UTU-68631	43-047-32244
✓Federal #1-26-B	NE/4 NE/4	26-9S-19E	Unitah	UTU-68625	43-047-32248
✓State #9-36-B	NE/4 SE/4	36-9S-19E	Unitah	ML-45173	43-047-32249
✓Federal #13-24-B	SW/4 SW/4	24-9S-19E	Unitah	UTU-68625	43-047-32418
✓Federal #15-24-B	SW/4 SE/4	24-9S-19E	Unitah	UTU-68625	43-047-32420
✓State #15-14-B	SW/4 NW/4	24-9S-19E	Unitah	ML-45243	43-047-32450
✓Federal #5-24-B	SW/4 NW/4	24-9S-19E	Unitah	UTU-68625	43-047-32447
✓Blue Diamond #13-13-B	SW/4 SW/4	13-9S-19E	Unitah	Fee	43-047-32457
✓Federal #7-19-B	SW/4 NE/4	19-9S-19E	Unitah	UTU-65218	43-047-32479
✓State #31-32	NW/4 NE/4	32-8S-18E	Unitah	ML-22058	43-047-32500
✓Federal #2-19	NW/4 NE/4	19-9S-19E	Unitah	U-65218	43-047-32497
✓Federal #41-29	NE/4 NE/4	29-9S-18E	Unitah	U-19267	43-047-32495
✓Federal #44-18	SE/4 SE/4	18-9S-19E	Unitah	U-16544	43-047-32498

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)
SE FLANK UINTAH 1-28 4304730126 06121 15S 22E 28	DKTA			40149536	*Open to McCulliss	in progress.
STOBIN FED 21-22 4300730041 06122 12S 15E 22	MVRD			411604	*Open to McCulliss	in progress. chgd 9-31-94
✓ NGC 12-8H FEDERAL 4301330680 06140 09S 17E 8	GRRV			✓ 410760		
✓ FED NGC 21-15 4301330614 06145 09S 17E 15	GRRV			✓ "		
✓ NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV			✓ "		
✓ NGC 33-18J 44731200 06155 09S 19E 18	GRRV			✓ 416544		
✓ FEDERAL 32-29 4304731175 06170 09S 18E 29	GRRV			✓ 419267		
✓ NGC 24-9H FEDERAL 4301330682 06175 09S 17E 9	GRRV			✓ 437810	*Btm Lease to	4-50750
✓ FEDERAL 13-9H 4301330656 06185 09S 17E 9	GRRV			✓ "	"	
PTS 33-36 STATE 4301330486 06190 11S 14E 36	WSTC			4121020	(Argyle Unit)	*Open to McCulliss in progress. chgd 11-10-94
✓ GOVERNMENT FOWLER 20-1 4301330563 09555 09S 17E 20	GRRV			✓ 413905		
✓ FEDERAL 12-9-H 4301330983 09830 09S 17E 9	GRRV			✓ 450750		
✓ FEDERAL NGC 22-9-H 4301331049 10065 09S 17E 9	GRRV			✓ "		
TOTALS						

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

"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 CERTIFICATE OF MERGER

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

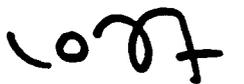
DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

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.

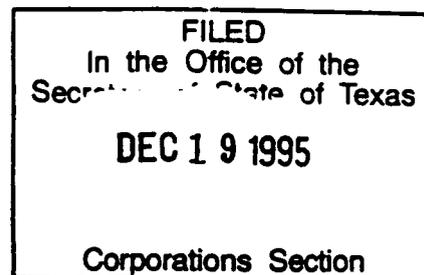
Effective December 31, 1995 04:55 PM





Antonio O. Garza, Jr.
Secretary of State

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



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



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.

Antonio O. Garza, Jr.

Antonio O. Garza, Jr.
Secretary of State

MAC

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:

1- LJC / <i>[initials]</i>
2- DTS/FILE <i>[initials]</i>
3- VLD/FILE <i>[initials]</i>
4- RJF <i>[initials]</i>
5- LJC <i>[initials]</i>
6- SJ <i>[initials]</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

- LJC 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)*
- LJC 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)*
- LJC 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/no) ____ If yes, show company file number: #171513. *(x# 1-4-95)*
- LJC 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.
- LJC 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- LJC 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- LJC 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- LJC 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)*
- LJC 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. (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!*

- Yes* 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. *OK 2/15/96*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- KDP* 1. All attachments to this form have been microfilmed. Date: March 13 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

9/6/212 BLM/SL Appt. & Aff. 12-31-95.

**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

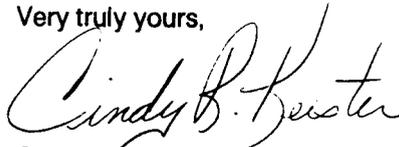
RE: Operator Name Change

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

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	✓43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓*	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	(W/W)
*	Federal	31- 4G	U-30096	✓43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓43-013-31252	NW NE	5	9S	16E	Duchesne	
✓*	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	(W/W)
✓*	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	(W/W)
*	Federal	43- 5G	U-034217-A	43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	✓43-013-31277	NW SW	33	8S	16E	Duchesne	
✓*	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	(W/W)
*	Federal	23- 33B	U-49092	✓43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓43-013-31268	NW SE	33	8S	16E	Duchesne	
✓*	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	(W/W)
✓*	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	(W/W)
*	Federal	44- 33B	U-49092	✓43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓43-013-31271	NW SW	34	8S	16E	Duchesne	
✓*	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	(W/W)
*	Federal	23- 34B	U-47171	✓43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓43-013-31459	SW SW	9	9S	17E	Duchesne	
	✓Federal	32-29	U-19267	✓43-04731175	SWNE	29	9S	18E	WINSTON	POW

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)

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-19267
2. Name of Operator ENSERCH EXPLORATION, INC.	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 85 SOUTH 200 EAST, VERNAL, UT. 84078. 801-789-4573	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1941' FNL and 1983' FEL SW/NE Sec. 29, T9S, R18E	8. Well Name and No. #32-29-I
	9. API Well No. 43-047-31175
	10. Field and Pool, or Exploratory Area Eight Mile Flat No.
	11. County or Parish, State Uintah, Utah

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

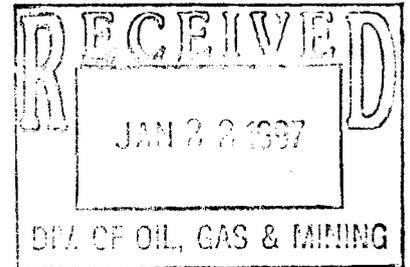
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security Diagram</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.)*

PURSUANT TO ONSHORE OIL & GAS ORDER NO. 3, ATTACHED IS A "FACILITY AND SITE SECURITY DIAGRAM" FOR THE SUBJECT WELL.

- Copies: 3 - BLM - Vernal, UT
1 - Div. Oil, Gas & Mining - SLC, UT
1 - Midland, TX
1 - Bridgeport, TX



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

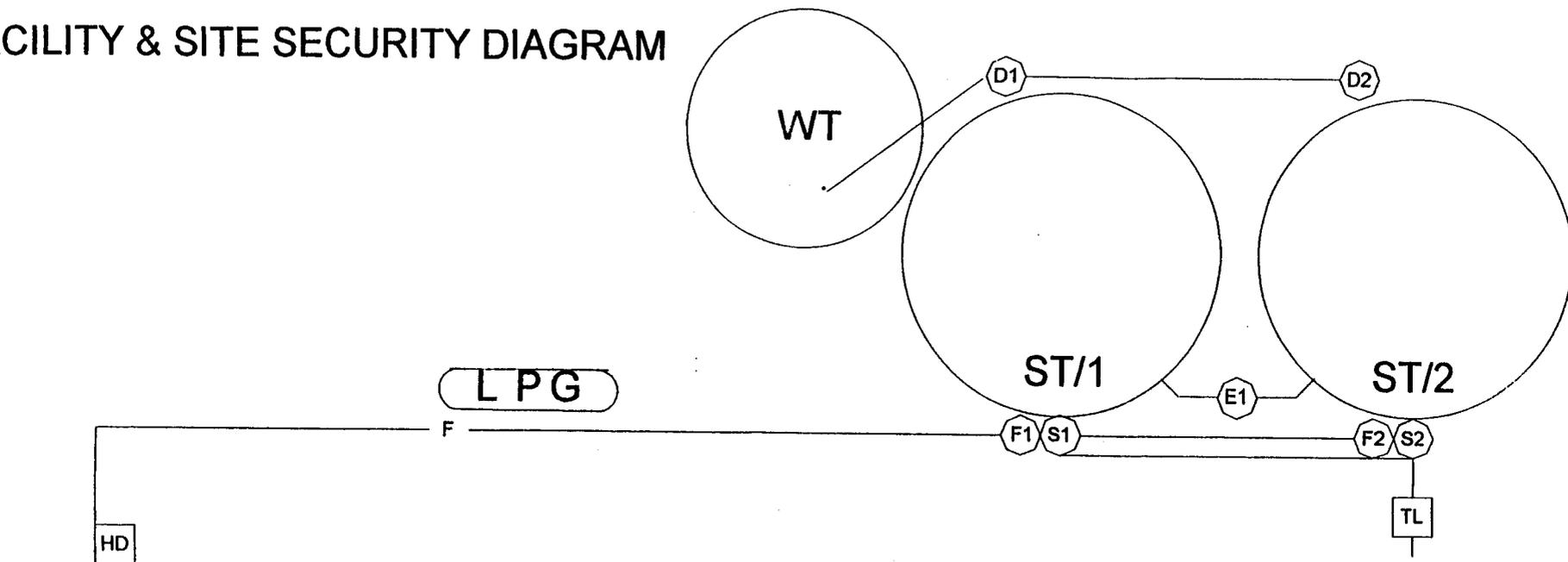
Signed [Signature] Title Senior Production Supervisor Date 1/21/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FACILITY & SITE SECURITY DIAGRAM



ENSERCH EXPLORATION INC.
PLEASANT VALLEY
LEASE # U-19267
FEDERAL #32-29 I
SW/NE SEC. 29, T9S, R18E
UINTAH COUNTY, UTAH

This well is subject to the Site Security Plan for the northeast Utah operations. The plan is located at Enserch Exploration Inc., 85 So. 200 East, Vernal, Utah 84078

ENSERCH EXPLORATION, INC.

ATTACHMENT TO FACILITY & SITE SECURITY DIAGRAM

GENERAL SEALING OF VALVES

*** NOTE : SALES ARE MADE BY TANK GAUGING.**

PRODUCTION PHASE : DRAIN LINE VALVES (D1 & D2), SALES LINE VALVES (S1 & S2) AND OPPOSITE FILL LINE VALVES (F1 OR F2) ARE SEALED IN THE CLOSED POSITION.

SALES PHASE : THE TANK (ST/1 OR ST/2) FROM WHICH OIL SALES ARE BEING MADE WILL BE TOTALLY ISOLATED BY SEALING CLOSED THE DRAIN VALVES, FILL LINE VALVE & OVERFLOW VALVE (E1) DURING SALES.

BS&W DRAINING PHASE : THE TANK TO BE DRAINED WILL BE ISOLATED BY SEALING CLOSED THE SALES LINE VALVE & DRAIN VALVE ON THE OPPOSITE STORAGE TANK.

EXAMPLE : ONGOING ACTIVITY. PRODUCTION GOING INTO ST/1 & OIL SALES BEING MADE FROM ST/2.

SEALING OF VALVES :

ST/1 VALVES S1 & D1 ARE SEALED CLOSED.

ST/2 VALVES D2, F2 & E1 ARE SEALED CLOSED.

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 reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.	U-19267
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA, Agreement Designation	N/A
8. Well Name and No.	FEDERAL #32-29-I
9. API Well No.	43-047-31175
10. Field and Pool, or Exploratory Area	EIGHT MILE FLAT NO.
11. County or Parish, State	UINTAH 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.

85 SOUTH 200 EAST, VERNAL, UT 84078 801-789-4573

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

1941' FNL AND 1983' FEL
SW/NE SECTION 29, T9S, R18E

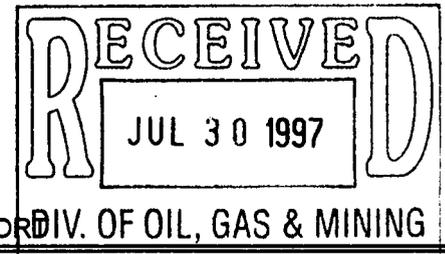
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<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 checked="" 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.)*

OPERATOR PROPOSES TO DISPOSE OF PRODUCED WATER INTO AN ABOVE GROUND TANK. THE TANK WILL BE FIBERGLASS WITH A CAPACITY OF APPROXIMATELY 100 BBLs. WATER FROM THE TANK WILL BE TAKEN BY TRUCK AND INJECTED IN THE PLEASANT VALLEY INJECTION FACILITY AT THE PVU #42-8-H WELL.



COPIES: ORIG. & 2-BLM; DIV. OG&M; SREED-MIDLAND; JHEINZE-BRIDGEPORT DIV. OF OIL, GAS & MINING

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

Signed [Signature] Title SR. PROD. SUPERVISOR Date 07/28/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-KAS
2-FILE	7-KAS
3-DEPT	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 COMPANY</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-3922</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)369-7893</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>42-047-31175</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

- lec 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)
- lec 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)
- N/A 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: _____
- lec 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.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (10-27-97 / Fed. Lease Wells)
- lec 6. Cardex file has been updated for each well listed above. (10-27-97)
- lec 7. Well file labels have been updated for each well listed above. (10-27-97)
- lec 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. (10-27-97)
- 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

- Yec 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.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A
HC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
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 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yec 1. All attachments to this form have been microfilmed. Today's date: NOV. 13 1997.

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

971027 Blm/Vernal Aprv. 'Fed. lease' wells 10-23-97.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
 ENSERCH EXPLORATION INC
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓	NGC 24-15H FEDERAL							
4301330681	06150	09S 17E 15	GRRV			U-10760		
✓	FEDERAL 32-29							
4304731175	06170	09S 18E 29	GRRV			U-19267		
✓	GOVERNMENT FOWLER 20-1							
4301330563	09555	09S 17E 20	GRRV			U-13905		
	FEDERAL 12-9-H							
4301330983	09830	09S 17E 9	GRRV			U-50750	Pleasant Valley Unit	
	FEDERAL 23-9-H							
4301331206	10868	09S 17E 9	GRRV			U-50750	"	
	FEDERAL 24-33-B							
4301331214	10913	08S 16E 33	GRRV			U-49092	Wells Drew Unit	
	FEDERAL 31-4-G							
4301331228	10979	09S 16E 4	GRRV			U-30096	"	
	FEDERAL 23-34-B							
4301331241	11041	08S 16E 34	GRRV			U-47171	"	
	FEDERAL 11-4-G							
4301331250	11046	09S 16E 4	GRRV			U-30096	"	
	FEDERAL 23-33-B							
4301331251	11047	08S 16E 33	GRRV			U-49092	"	
	FEDERAL 31-5-G							
4301331252	11054	09S 16E 5	GRRV			U-30096	"	
	FEDERAL 44-33-B							
4301331270	11084	08S 16E 33	GRRV			U-49092	"	
	FEDERAL 33-33-B							
4301331268	11086	08S 16E 33	GRRV			U-49092	"	
TOTALS								

REMARKS: _____

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

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. -

SUBMIT IN TRIPLICATE

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

5. Lease Designation and Serial No.
U-19267

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
PV 32-291 Sheep Dip

9. API Well No.
43-047-31175

10. Field and Pool, or Exploratory Area
Pleasant Valley

11. County or Parish, State
Uintah County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Inland Production Company

3. Address and Telephone No.
 475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

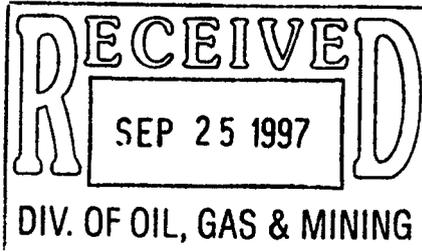
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
 Section 29, SW/4 NE/4, T9S-R18E

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.)*

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 *Chris Porter* 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-19267

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

PV 32-291 Sheep Dip

9. API Well No.

43-047-31175

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Uintah 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 29, SW/4 NE/4, T9S-R18E

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

TYPE OF SUBMISSION

TYPE OF ACTION

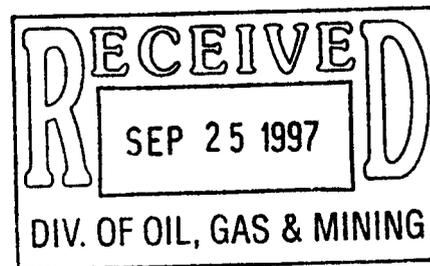
Notice of Intent
 Subsequent Report
 Final Abandonment

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water
(Note. Report results of multiple completion on Well)

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 PV 32-291 Sheep Dip 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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:
3162.3
UT08438

October 23, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: Well No. PV 32-29I Sheep Dip
SWNE, Sec. 29, T9S, R18E
Lease U-19267
Uintah County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: **Division of Oil, Gas & Mining**
Enserch Exploration Inc.
Key Production Company Inc
Inland - Vernal

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



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



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

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		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1941 FNL 1983 FEL
 SWNE Section 29 T9S R18E

5. Lease Serial No.
 UTU-19267

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU

8. Well Name and No.
 FEDERAL 32-29

9. API Well No.
 4304731175

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 Uintah, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above subject well was placed back on production on 12-15-09.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 01/07/2010
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
JAN 11 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-19267	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 32-29	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047311750000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 1983 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 09.0S Range: 18.0E Meridian: S		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/31/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<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 checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>It has been deemed uneconomic at current oil prices to produce the above mentioned well. The Well will remain SI until oil prices increase to a level providing economic payout of a workover.</p>			
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 31, 2015</p>			
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A	DATE 3/31/2015		