

Belco Petroleum Corporation

Belco

March 4, 1980

Mr. Edgar W. Guynn
United States Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Application for Permit Drill
Uintah County, Utah

Dear Mr. Guynn:

The Applications for Permit to Drill, Survey Plats
and the Surface Use and Operating Plans for the following
two wells are attached:

NATURAL DUCK 8-15 GR
SW NW Section 15, T9S, R20W
Uintah County, Utah

NATURAL DUCK 9-15 GR
NW NW Section 15, T9S, R20E
Uintah County, Utah

Very truly yours,

BELCO PETROLEUM CORPORATION

ORIGINAL SIGNED BY
LEO R. SCHUELER

Leo R. Schueler
District Manager

MEC/rgt

Attachments

cc: Utah Division of Oil, Gas & Mining
Houston
Denver
Vernal
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instruction reverse side)

Form approved.
Budget Bureau No. 42-R1425.

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
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

767' FWL & 585' FNL (NW NW)
At proposed prod. zone
SAME

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) 585'

16. NO. OF ACRES IN LEASE 480

17. NO. OF ACRES ASSIGNED TO THIS WELL.

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

19. PROPOSED DEPTH 5341'

20. ROTARY OR CABLE TOOLS ROTARY

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

4759' NATURAL GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	9-5/8"	36.0# K-55	200'	200 SX
7-7/8"	5 1/2"	15.5# K-55	5341'	1000 SX

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MAR 7 1980

DIVISION OF
OIL, GAS & MINING

1. SURFACE FORMATION: Uinta
2. EST LOG TOPS: Green River
3. Anticipate water throughout the Uinta. Anticipate oil in the Green River from 1820' to TD.
4. CASING DESIGN: New casing as described above. Surface casing will be set with a dry hole digger.
5. MINIMUM BOP: 10", 3000 psi hydraulic double gate BOP. Will test to 1000 psi prior to drilling surface plug and on each trip for bit.
6. MUD PROGRAM: A water-based gel-chemical mud weighted to 10.5 ppg will be used to control the well.
7. AUX. EQUIP: 2" 3000 psi choke manifold & kill line, kelly cock, stabbing valve and visual mud monitoring.
8. No cores or DST's are anticipated. Will run DIL, CNL-FDC-GR w/Caliper logs. A fracture treatment of ±15,000 gals ADC & ±15,000# sand is expected.
9. No abnormal pressures or problems are anticipated.
10. Operations will commence approx 5/80 and end approx 5/80.

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.

SIGNED Morgan & Cope TITLE ENGINEERING TECHNICIAN DATE 3/4/80

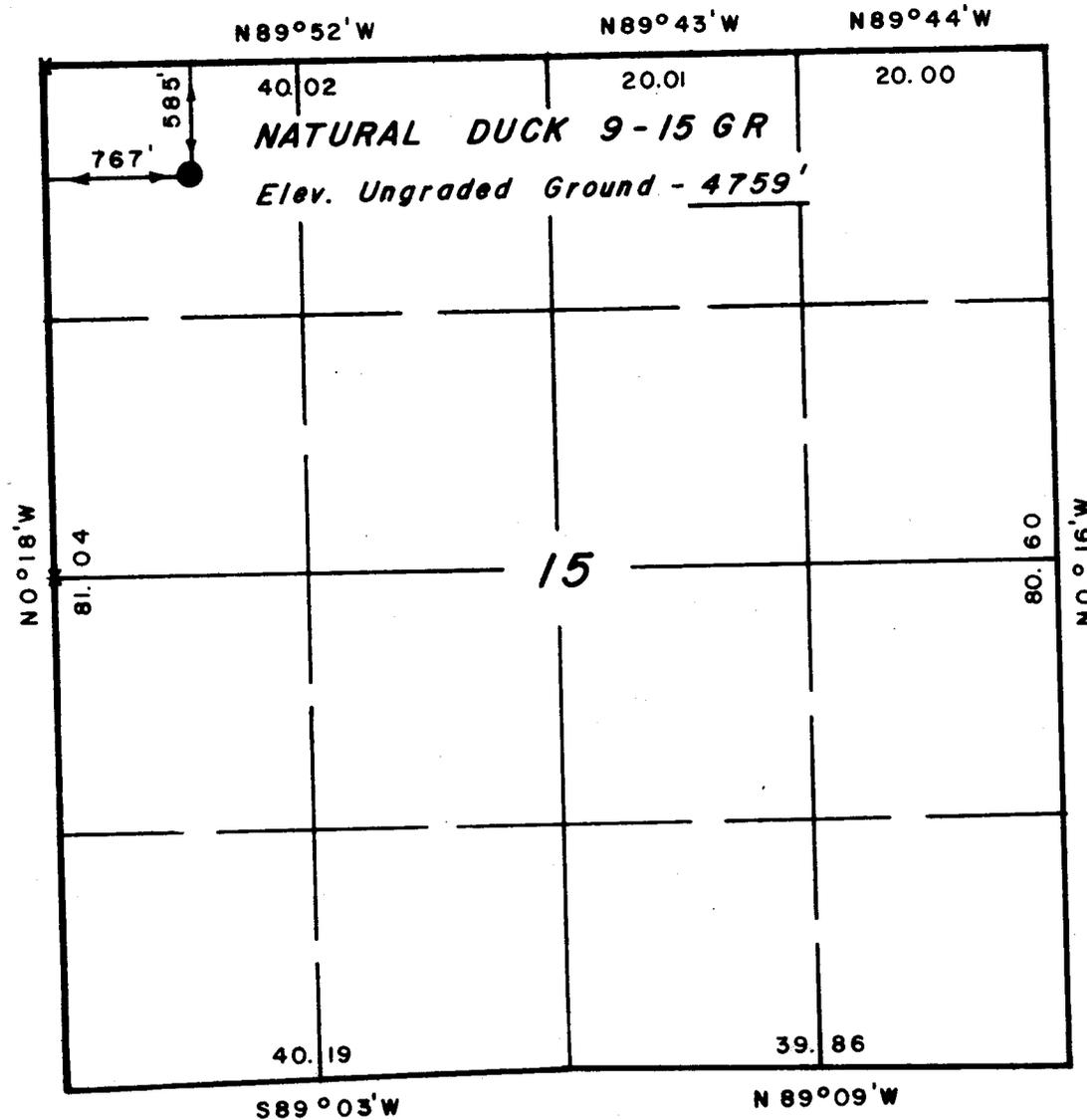
(This space for Federal or State office use)

PERMIT NO. 43-047-30680 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 20 E, S.L.B.&M.



X = Section Corners Located

PROJECT

BELCO PETROLEUM CORP.

Well location, *NATURAL DUCK 9-15 GR*, located as shown in the NW 1/4 NW 1/4 Section 15, T9S, R20E, S.L.B.&M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200'S55°00'00"W = 4759.76'
 " " " 250' " = 4759.73'
 " " " 200'N35°00'00"W = 4759.02'
 " " " 200'N55°00'00"E = 4759.95'
 " " " 200'S35°00'00"E = 4759.75'
 " " " 250' " = 4759.45'



CERTIFICATE

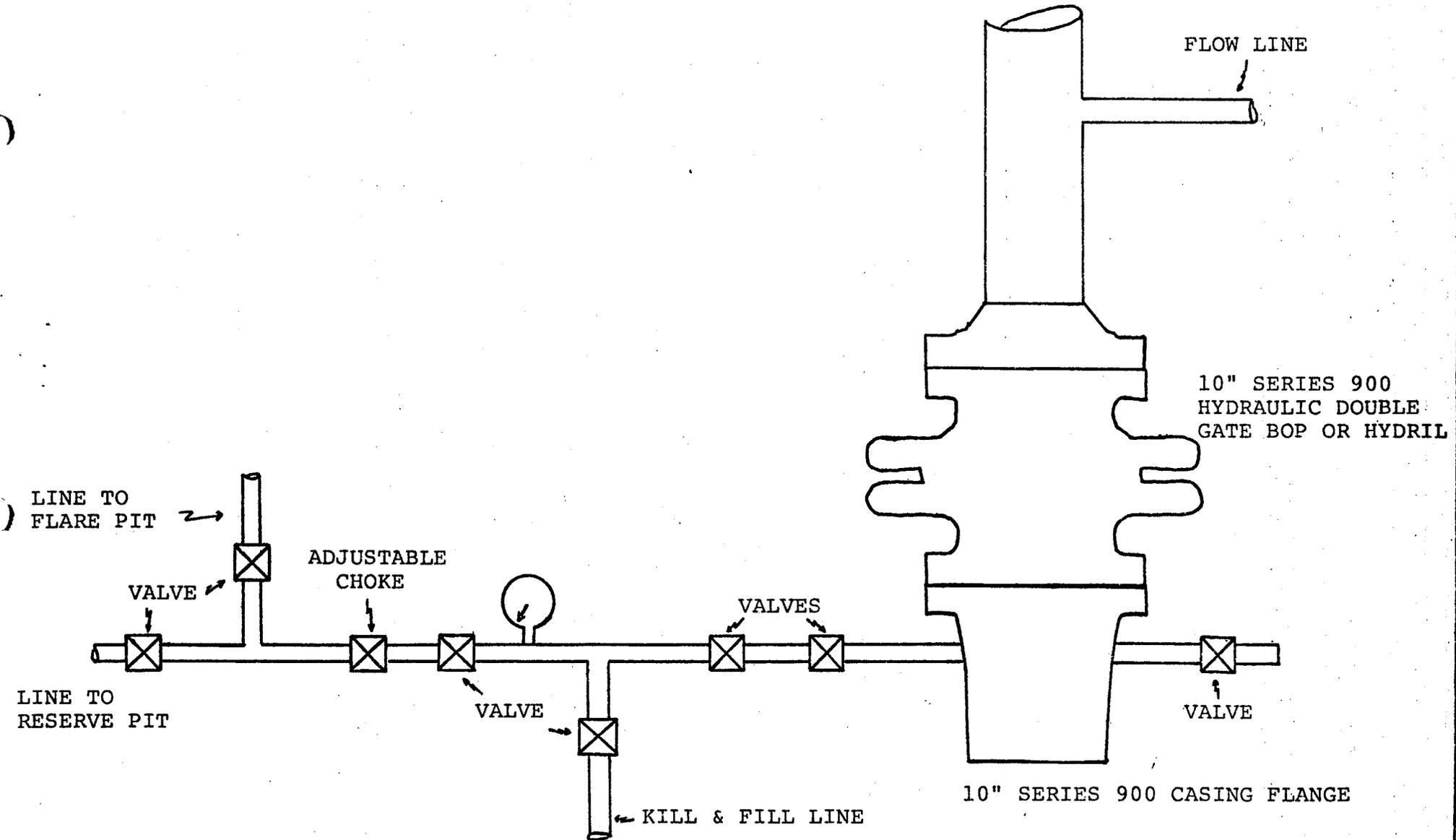
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

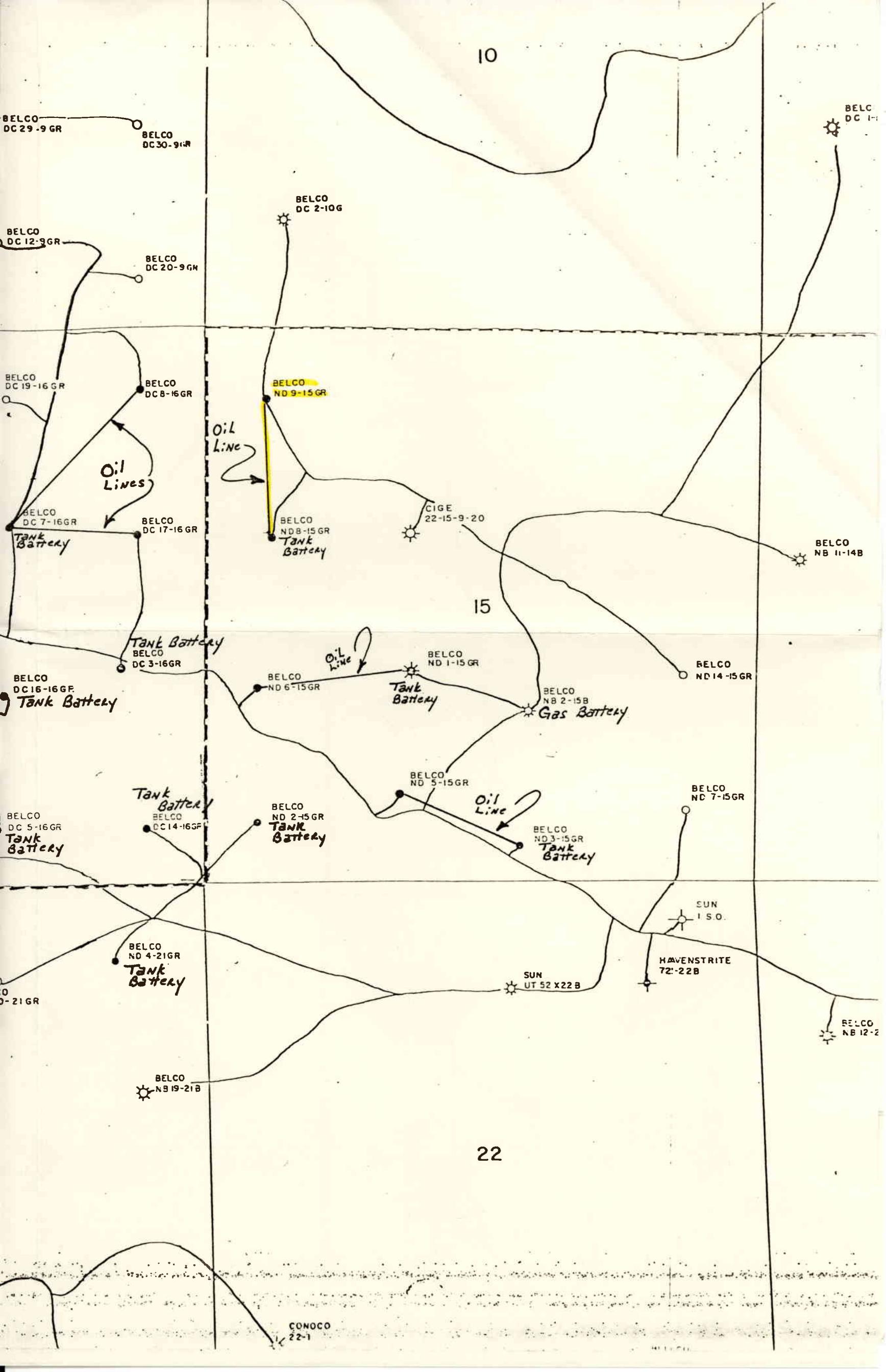
Dana Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P.O. BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2 / 14 / 80
PARTY	L.D.T. T.J. G.S. S.B.	REFERENCES	GLO Plat
WEATHER	Cold	FILE	BELCO PETRO.

BOP DIAGRAM





10

BELCO DC 29-9 GR

BELCO DC 30-9 GR

BELCO DC 1-1

BELCO DC 2-10G

BELCO DC 12-9 GR

BELCO DC 20-9 GR

BELCO DC 19-16 GR

BELCO DC 8-16 GR

BELCO ND 9-15 GR

Oil Lines

Oil Line

BELCO DC 7-16 GR

BELCO DC 17-16 GR

BELCO NDB-15 GR
Tank Battery

CIGE 22-15-9-20

BELCO NB 11-14B

15

BELCO DC 16-16 GR

Tank Battery
BELCO DC 3-16 GR

Oil Line

BELCO ND 6-15 GR

Tank Battery

BELCO ND 1-15 GR

BELCO ND 14-15 GR

Tank Battery

Gas Battery
BELCO NB 2-15B

BELCO DC 5-16 GR

Tank Battery
BELCO DC 14-16 GR

Tank Battery
BELCO ND 2-15 GR

Oil Line

BELCO ND 5-15 GR

Tank Battery
BELCO ND 3-15 GR

BELCO ND 7-15 GR

Tank Battery

BELCO ND 4-21 GR

Tank Battery

SUN UT 52 X22 B

SUN 150

HAVENSTRITE 72-22 B

0-21 GR

BELCO NB 19-21 B

BELCO NB 12-2

22

CONOCO 22-1

BELCO
DC 41-HGR

9

BELCO PETROLEUM CORP.

DUCK CREEK-NATURAL DUCK PROSPECT

Uintah County, Utah

Scale: 1" = 1000'

BELCO
DC 27-9 GR

BELCO
DC 28-9 GR

BELCO
DC 21-9 GR

BELCO
DC 22-9 GR

BELCO
DC 23-16

BELCO
DC 9-16 GR

BELCO
DC 24-17 GR

BELCO
JC 33-17 GR

BELCO
DC 25-17 GR

BELCO
DC 10-16 GR

BELCO
DC 18-16 GR

BELCO
DC 4-17

BELCO
DC 13-17 GR

Tank
Battery
BELCO
DC 6-16 GR

16

BELCO
DC 11-16 GR
Tank
Battery

Buried
Oil
Line

BELCO
DC 34-17 GR

BELCO
DC 35-17 GR

BELCO
DC 75-16 GR

BELCO
ND 11-21 GR

BELCO
NB 21-20 B

BELCO
ND 12-21 GR

CIGE 28-21-9-20
(NB 34-Y)
Tank Battery

SUN
250

BELCO
ND 13-21 GR

BEL
ND



20

2-9-2b

21

** FILE NOTATIONS **

DATE: March 7, 1980

Operator: Belco Petroleum Corporation

Well No: Natural Duck # 9-156R

Location: Sec. 15 T. 9S R. 20E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-30680

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: _____

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 Prod

Plotted on Map

Approval Letter Written

lstr

#1

*WJ 3/11/80
PI*

March 17, 1980

Belco Petroleum Corporation
P.O. Box X
Vernal, Utah 84078

Re: Well No. Natural Duck #8-15GR, Sec. 15, T. 9S, R. 20E., Uintah County, Utah
Well No. Natural Duck #9-15GR, Sec. 15, T. 9S, R. 20E., Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil wells 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 these wells, you are hereby requested to immediately notify the following:

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

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

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

The API numbers assigned to these wells are #8-15GR -- 43-047-30679;
#9-15GR -- 43-047-30680.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: USGS

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APR 28 1980

COLO. OIL & GAS CONS. COMM.

Oil and Gas Drilling

EA #316-80

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

USUAL ENVIRONMENTAL ASSESSMENT

Date: April 17, 1980

Operator: Belco Petroleum Company Project or Well Name and No.: 9-15
Location: 767' FWL & 585' FNL Section: 15 Township: 9S Range: 20E
County: Uintah State: Utah Unit: Green River
Lease No.: U-0144868 Permit No.: N/A
Joint Field Inspection Date: April 10, 1980

Prepared By: Craig M. Hansen

Field Inspection Participants, Titles and Organizations:

Craig M. Hansen U.S.G.S. - Vernal, Utah
James Sparger U.S.G.S. - Vernal, Utah
George Diwachak U.S.G.S. - Salt Lake City, Utah
Lynn Hall BIA - Ft. Duchesne
Rick Schatz Belco Petroleum Company
Steve Richins Pease Construction

DVR	
PSP	
HMM	
JAM	
JJD	
RLS	
CSM	

lj 4/21/80

*Admin Council 3,
Pd 100 x 325
Pd 100 x 150
50' x 32' new records
18/10 cc
→ Council of Regs
PF 6 1-3*

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EA #316-80

APR 28 1980

DISCRIPTION OF PROPOSED ACTION

COLO. OIL & GAS CONS. COMM.

Proposed Action.

1. Location State: Utah

County: Uintah

767' FWL, 585' FNL, NW 1/4 NW 1/4

Section 15, T 9S, R 20E, SLB & M

2. Surface Ownership Location: Indian

Access Road: Indian

Status of
Reclamation Agreements: Not Applicable.

3. Dates APD Filed: March 7, 1980 .

APD Technically Complete: March 18, 1980 .

APD Administratively Complete: March 31, 1980 .

4. Project Time Frame

Starting Date: Upon approval .

Duration of Drilling activities: 30 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known.

6. Nearby pending actions which may affect or be affected by the proposed action:

None known.

7. Status of variance requests:

None known.

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 180' wide x 325' long and a reserve pit 100' x 150' would be constructed. Approximately 50 feet of new access road, averaging a 32' driving surface, would be constructed from a maintained road. 1.8 acres of disturbed surface would be associated with the project.
2. Drilling.
3. Waste disposal.
4. Traffic.
5. Water requirements.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: Uintah Basin: Province.

The area consists of weathered sandstone and shale and buttes and bluffs of the Uinta Formation. These buttes and bluffs are relatively flat on top with steep weathered sides. The valleys that surround the buttes and bluffs slope gently to rugged dissected dendritic drainage patterns. This type of drainage is usually non-perennial in nature.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Possible oil shale in Green River Formation, Gilsonite veins in Green River formation and Uinta formation. Possible small saline pods in Green River formation.

Information Source: Mineral Evaluation Report.

2. Hazards:

- a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface.

Information Source: Field Observation.

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COLO. OIL & GAS CONS. COMM.

b. Subsidence: Withdrawal of fluids could cause subsidence, however the composition of the producing zones will reduce this hazard therefore none is anticipated.

Information Source: "Environmental Geology" - E.A. Keller, Physical Geology, Leet and Judson.

c. Seismicity: The area is considered a minor risk - no preventive measures or plans have been presented by the operator.

Information Source: Geologic Atlas of the Rocky Mountain Region.

d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch although slight overpressuring may be expected in the upper Wasatch Formation.

Information Source: APD, Mineral Evaluation Report.

B. Soils:

1. Soil Character: Soil character is a deep mildly to strongly alkaline soils, the surface layers are pale brown and light gray loams, silty clay loams and clays. Sand and gravels are intermixed with clays and silts in fluvial washes.

Information Source: "Soils of Utah" - Wilson, Field Observation.

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosely compacted "A & B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source. "Fluvial Processes in Geomorphology" by Luna B. Leopold, M. Gordon Wolman and John P. Miller, 1964. "Soils of Utah" - Wilson.

C. Air Quality: The area is in a class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information Source: Utah State Health Department/Air Quality Bureau in Salt Lake City, Utah.

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation.

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COLO. OIL & GAS CONS. COMM.

E. Water Resources1. Hydrologic Character

a. Surface Waters: The location drains by non-perennial drainage to the White River.

Information Source: Field Observation, APD.

b. Ground Waters: Ground water is anticipated in the Birds-eye member of the Green River Formation and other less productive aquifers of the Green River Formation.

Information Source: Mineral Evaluation Report.

2. Water Quality

a. Surface Waters: No contamination to surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operations.

Information Source: Field Observation.

could b. Ground Waters: Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. Potential communication, contamination and commingling of formations via the wellbore would be prevented by an adequate response drilling fluid program. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan.

Information Source. 10-Point Plan.

F. Flora and Fauna1. Endangered and Threatened Species Determination

Based on the formal comments received from the BIA-Ft. Duchesne on April 17, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Saltbrush, greasewood, halogeton, rabbitbrush, annual weeds and small sedges exist on the location.

Information Source: Field Observation.

3. Fauna: Deer, antelope small rodents, birds, reptiles, foxes, coyotes and domestic livestock exist on or near the location.

Information Source: Field Observation, Surface Managing Agency Representative.

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: APD, Field Observation, SMA Representative.

2. Affected Floodplains and/or Wetlands: N/A.

3. Roadless/Wilderness Area: N/A.

H. Aesthetics: Operations do not blend in with natural surroundings and could present a visual impact. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation.

I. Socioeconomics: Drilling and production operations are small in size but contribute substantial financial income to residents of the surrounding area. Local people are used whenever possible. This allows greater economic development of the area.

Information Source: C.M. Hansen, resident of Uintah Basin.

J. Cultural Resources Determination: Based on the formal comments received from the BIA-Ft. Duchesne on April 17, 1980, we determine that there would be no effect on cultural resources subject to recommended stipulations by USGS and BIA.

Information Source: SMA concurrence.

K. Adequacy of Restoration Plans: Restoration plans meet the minimum requirements of NTL-6.

Information Source: APD, C.M. Hanseen, Environmental Scientist.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

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COLO. OIL & GAS CONS. COMM.

Adverse Environmental Effects:

1. If approved as proposed
 - a. About 1.8 acres of vegetation would be removed, increasing and accelerating erosion potential.
 - b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
 - c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
 - d. The potential for fires, leaks, spills of gas and oil or water exists.
 - e. During construction and drilling phases of the operation, noise and dust levels would increase.
 - f. Distractions from aesthetics during the lifetime of the project would exist.
 - g. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to White River would exist through leaks and spills.
 - h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
2. Conditional Approval:
 - a. All adverse impacts described in section one above could occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations. *None*
2. See attached BIA Stipulations.
3. Operator will paint location to match with natural surroundings.

Controversial Issues and Conservation Division Response:

0010.0000

No controversial issues were found by this writer.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).



DISTRICT ENGINEER

Signature & Title of Approving Official

APR 23 1980

Date



*Belco 9-15
Looking north.*

95-20E RECEIVED
9-15 APR 28 1980

Memorandum

COLO. OIL & GAS CONS. COMM.

To: District Oil and Gas Engineer, Mr. Edward Guynn
From: Mining, Supervisor, Mr. Jackson W. Moffitt
Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-0144868 Well No 9-15GR

1. The location appears potentially valuable for:

- strip mining*
- underground mining** *oil shale*
- has no known potential.

2. The proposed area is

- under a Federal lease for _____ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.



Signed *Allen J. Vance*

APR 28 1980

COLO. OIL & GAS CONS. COMM.

#202

February 13, 1980

Land Operations, SIC

Mr. Ed W. Gynn, District Engineer
 U.S. Geological Survey
 Conservation Division
 Branch of Oil and Gas
 2000 Administration Building
 1745 West 1700 South
 Salt Lake City, Utah 84104

Dear Mr. Gynn:

Beginning on April 1, 1980 and thereafter all oil companies making application for permits to drill, or produce oil or gas wells on the Uintah and Ouray Indian Reservation must include the following provisions in their surface use and operating plan: The provisions can be an integral part of the plan or an appendage to the plan.

1. Fire Arms:

A procedure to prevent company employees, including subcontractors, from carrying fire arms or other weapons that may be used to kill game animals.

2. Off Road Traffic:

A procedure to confine company employees, including subcontractors, to established roads and well sites. The purpose for this is to prevent soil erosion and the harassment of game animals or livestock due to off road traffic such as snow mobiles, motor cycles, 4-wheel drives, and etc.

3. Fire Wood:

A procedure to prevent employees, including sub-contractors, and other unauthorized people from gathering fire wood along roads constructed by oil companies. It is the policy of the Ute Indian Tribe and the Bureau of Indian Affairs to require wood permits from the Forestry Section of B.I.A. for both Indians and Non-Indians harvesting wood from the Uintah and Ouray Reservation.

DVR	
F&P	
HMM	
JAM	
JJD	
RLS	
OSM	

4. Restoration:

A procedure to restore abandoned well site, roads, or other disturbed areas to near their original condition after abandoning the well. This procedure should include: (a) stock piling top soil, (b) establishing original ground contour, (c) Re-establishing irrigation systems where applicable, (d) re-establishing top soil to the ground surface on disturbed areas, (e) on irrigated fields re-establishing soil conditions in such a way as to insure cultivation and harvesting of crops, (f) a procedure to insure re-vegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the B.I.A. at the time of abandonment.

5. Disposal of Production Water:

A procedure to dispose of production water at approved disposal pits or injection wells. The injection wells or disposal pit used to dispose of production water from a specific well must be identified by legal description.

6. Signs:

All roads constructed by oil companies on the Uintah and Ouray Indian Reservation should have appropriate signs. Signs must be neat and of sound construction. They must state: (a) the land is owned by the Ute Indian Tribe, (b) the name of the oil company (c) prohibition of fire arms to all non-Ute Tribal members, (d) permits from the Bureau of Indian Affairs must be obtained before cutting fire wood or other timber products, (e) only authorized personnel permitted.

7. Rights of Way:

(a) it is the policy of the Bureau of Indian Affairs and the Ute Indian Tribe to make right-of-way available without cost to oil companies when both mineral rights and surface rights are owned by the Ute Indian Tribe. (a) when the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity it is the policy that the right-of-way be approved and charged be assessed for damages prior to the time the oil company begins any construction activities. (c) when the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe rights-of-way must be cleared with the other entity.

8. Permit for Water or Earth Fill:

If water or fill materials are needed in constructing roads, well sites, or used in the drilling process proper permits are needed. Include in the plan: (a) the approximate amount of water or material needed. (b) who owns the rights to the water or materials

which are planned to be used, (c) identify the location that water or materials will be obtained. (d) state the approximate time period in which water or materials will be used.

9. Weeds:

When soils are disturbed and natural vegetation destroyed it is a natural process for annual weeds to invade the site. Often noxious weeds invade, especially along roadways where seeds can be carried from place to place in dust and mud collecting on motorized vehicles. Include in the plan a method for controlling noxious weeds along rights of wayssfor roads, pipelines, well sites or other applicable facilities. (a list of noxious weeds can be obtained from the appropriate county).

10. Litter:

Often candy wrappers, beverage cans, construction materials, and etc. clutter roadways, or other sites. Include in the plan a procedure to keep the applicable sites free from litter, and groomed in a neat and professional condition.

11. Bench Marks:

A bench mark will be established near each well site in a location where it will not be destroyed. The bench mark will be set in concrete with a brass cap. The brass cap will show the well number, and elevation to the nearest one-tenth of a foot. The engineering drawing showing the cuts/fills for the well site will also show elevations in relation to the bench mark.

Sincerely yours,

Superintendent

Person and Division making request Bartlett Mfg. Evaluation Date 6-20-79

AREA: County and State Uintah, Utah 130

Township ~~10~~ ^N Range ~~12~~ ^E W Section 11 NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SLM BL&M

Altitude of surface at site 5061 Formation at surface (if known) Uintah

PURPOSE:
Protection of useful ground water (casing program); check X
Other (describe):

RECEIVED

APR 28 1980

COLO. OIL & GAS CONS. COMM.

For WRD use Date in: 6/24/79

Person assigned: Holmes Date out: 6/25

Evaluation:
Birds Nest aquifer at about 1500 feet and Douglas Creek aquifer at about 2400 feet. Highly mineralized water in Birds Nest aquifer and slightly saline water in Douglas Creek aquifer. Potentiometric surface of Douglas Creek aquifer at about 5200 feet, should produce flow at surface. Potentiometric surface of Birds Nest aquifer unknown, but probably a few hundred feet below land surface. Take necessary steps to insure two aquifers do not become connected through annular space behind casing.

continue over

Signed by evaluator Walter J. Holmes Time used 1/2 hr

Evaluator: Send copy to coordinator - original direct to originator of request



United States Department of the Interior APR 28 1980

RECEIVED

COLO. OIL & GAS CONS. COMM.

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

3/18/80
well # 9-15 GR
15-95-20E
Uintah County
EA # 316-80

Mr. Peter Rutledge
Area Oil Shale Supervisor
Area Oil Shale Office
131 North Sixth, Suite 300
Grand Junction, Colorado 81501

Dear Mr. Rutledge,

The Office of Oil and Gas Operations, Conservation Division, received the attached Application for Permit to Drill, Deepen, or Plug Back (Form 9-331C).

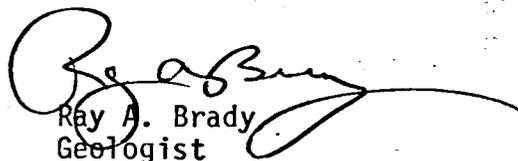
Please review this proposal for any conflict with any of the resources in the oil shale tracts and withdrawal areas. If needed, set forth the stipulations you determine necessary for adequate protection. Please use the following space for your response (if there is none, so state), together with date and initials of person responsible and return to the Office of Oil and Gas Operations.

U.S. Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Belco #9-15

March 21, 1980

The calculated cement volume from the proposed program indicates that cement will probably be circulated to the surface if there are no lost circulation zones. This should insure protection of the Green River oil shale section and of the groundwater zones in the Uinta section.


Ray A. Brady
Geologist



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE

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APR 28 1980

COLO. OIL & GAS CONS. COMM.

Memorandum

To: USGS District Engineer

From: Surface Managing Agency

Subject: Belco Petroleum Corp., well 9-15 GR _____
 in the NW¹/₄ NW¹/₄, Sec. 15, T9S., R20E., SLB&M _____

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

Based on available information on 4-14-80, we have cleared the proposed location in the following areas of environmental impact:

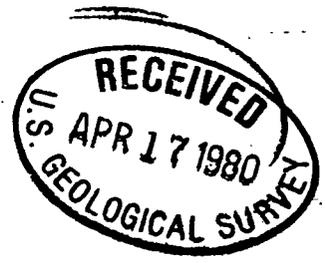
- Yes No Listed threatened or endangered species
- Yes No Critical wildlife habitat
- Yes No Historical or cultural resources
- Yes No Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)
- Yes No Other (if necessary)

Remarks: _____

The necessary surface protection and rehabilitation requirements are enclosed.

R. Lynn Hall

Enclosure



UINTAH AND OURAY AGENCY
ENVIRONMENTAL IMPACT ANALYSIS

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APR 28 1980

COLO. OIL & GAS CONS. COMM.

1. PROPOSED ACTION: Belco Petroleum Corp. proposes to drill an Oil well (9-15 GR) to, a proposed depth of 5341 feet; to construct approximately 800 (feet, ~~miles~~) of new access road; and up-grade approximately none (feet, miles) of existing access road.
2. LOCATION AND NATURAL SETTING: The proposed wellsite is located approximately 4 miles southeast of Ouray, Utah in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15 T9S, R. 20E, SLB& meridian. This area is used for livestock grazing and wildlife habitat.
The topography is nearly level with very shallow soil over shale.
The vegetation consist of mat saltbush, greasewood brush, lambs quarter halogeton
Wildlife habitat for: 0 Deer X Antelope 0 Elk 0 Bear X Small Mammals X Birds 0 Endangered species X Other Coyotes, rabbits, small reptiles, raptors, magpies, western horned larks.
3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION: (A) The vegetation will be destroyed and the land surface disturbed on approximately 3 acres used for the well site and access road. (B) The aesthetic qualities will be adversely affected. (C) Dust, noise and exhaust will have an adverse effect. (D) Soil erosion will increase where the land surface is disturbed (E) conditions will be created for spills of oil and other materials.
4. ALTERNATIVES TO THE PROPOSED ACTION: None, if well is to be drilled and produced.
5. ADVERSE EFFECTS THAT CANNOT BE AVOIDED: The adverse effects listed in item #3 above cannot be avoided. The operator has submitted a surface use and operating plan that will minimize some of the adverse effects and provides for restoration after the well is abandoned.
6. DETERMINATION: This request action (~~does~~) (does not) constitute a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. s 4332 (2)(c)).

REPRESENTATIVE:

Craig Hansen -USGS, Roy Steele, Contractor
George Diwachac-USGS Rangely, Co,o.
James Sparger-USGS
Homer Smith Conoco, Grand Junction, Colo.

BIA Representative

Date

R. Lynn Hall 4-15-80

COPY TO:

USGS, P.O. BOX 1037, Vernal, Utah 84078

USGS, Dist, Engr., Cons. Div., 8426 Federal Building., Salt Lake City, Utah
84138

Lease #. Utah 0144868

Well #. Belco 9-15 GR

FY: '80-54

DISTRICT ENGINEER, O&G SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. Utah 0144868

OPERATOR: Belco Petroleum Corporation

WELL NO. 9-15 GR

LOCATION: 1/4 NW 1/4 NW 1/4 sec. 15, T. 9 S, R. 20 E, SLM
Uintah County, Utah

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APR 28 1980

COLORADO OIL & GAS CONS. COMM.

Stratigraphy:

Uintah	Surface	
Green River	~ 1800'	
Mahogany Zone	~ 2400'	2685'
Wasatch	~ 5200'	

Fresh Water: See attached WRD report.

Operator expects water throughout the Uintah

Leasable Minerals:

Oil Shale land withdrawn under E.O. 5327
 Prospectively valuable land for gilsonite
 Pods of saline minerals may occur within the Green River Fm.

Additional Logs Needed: ADP proposed suite appears adequate

Potential Geologic Hazards: None expected

References and Remarks: In Bitter Creek KGS

Signature: Gregory W. Wood

Date: 3 - 19 - 80

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

RECEIVED APR 28 1980

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO. UTAH 0144868
6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE (SURFACE)
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME NATURAL DUCK
9. WELL NO. 9-15 GR
10. FIELD AND POOL, OR WILDCAT GREEN RIVER
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 15, T9S, R20E
12. COUNTY OR PARISH 13. STATE UINTAH UTAH

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 767' FWL & 585' FNL (NW NW) At proposed prod. zone SAME

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) 585'

16. NO. OF ACRES IN LEASE 486
17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5341'

19. NO. OF FEET DEPTH 5341'
20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4759' NATURAL GL

22. APPROX. DATE WORK WILL START 5/80
23. PROPOSED CASING AND CEMENTING PROGRAM BELCO PETROLEUM VERNAL, UTAH

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 13" hole with 9-5/8" casing and 7-7/8" hole with 5 1/2" casing.

SURFACE FORMATION: Uinta
EST LOG TOPS: Green River
Anticipate water throughout the Uinta. Anticipate oil in the Green River from 1820' to TD.
CASING DESIGN: New casing as described above. Surface casing will be set with a dry hole digger.
MINIMUM BOP: 10", 3000 psi hydraulic double gate BOP. Will test to 1000 psi prior to drilling surface plug and on each trip for bit.
MUD PROGRAM: A water-based gel-chemical mud weighted to 10.5 ppg will be used to control the well.
AUX. EQUIP: 2" 3000 psi choke manifold & kill line, kelly cock, stabbing valve and visual mud monitoring.
No cores or DST's are anticipated. Will run DIL, CNL-FDC-GR w/Caliper logs.
A fracture treatment of +/-15,000 gals ADC & +/-15,000# sand is expected.
No abnormal pressures or problems are anticipated.
Operations will commence approx 5/80 and...

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back... State of Utah, Department of Natural Resources Division of Oil, Gas, and Mining 1555 West North Temple Salt Lake City, Utah 84116

SIGNED [Signature] TITLE ENGINEERING TECHNICIAN

(This space for Federal or State office use)

PERMIT NO. APPROVED BY (ORIG. SUC.) E. W. GUYNN TITLE DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL DATE FOR E. W. GUYNN DISTRICT ENGINEER DIVISION OF OIL, GAS & MINING

RECEIVED

MAY 12 1980

APR 25 1980

NOTICE OF APPROVAL Utah Oil & Gas

Production Facilities and Flowline NOT Approved

DATE 1/1/80

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Belco Petroleum Corporation

WELL NAME: Natural Duck #9-15GR

SECTION 15 NW NW TOWNSHIP 9S RANGE 20E COUNTY Uintah

DRILLING CONTRACTOR Chandler & Associated

RIG # 1

SPUDDED: DATE 8/14/80

TIME 8:00 a.m.

HOW dry hole spudder

DRILLING WILL COMMENCE 8/26/80

REPORTED BY Lonnie Nelson

TELEPHONE # 789-0790

DATE August 18, 1980

SIGNED

M. J. M.

cc: USGS

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
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 767' FWL & 585' FNL (NW NW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. LEASE
Utah 0144868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE- Surface

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NATURAL DUCK

9. WELL NO.
9-15GR

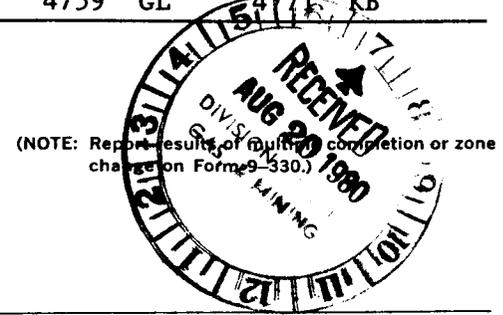
10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 15, T9S, R20E

12. COUNTY OR PARISH | 13. STATE

14. API NO.
43-047-30680 (3-17-80)

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4759' GL | 4775' KB



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.)*

Allwestern Air Drilling spudded a 13" surface hole @ 8:00 a.m. 9-14-80.
 Drilled 13" hole to 195' GL, ran 197' 9 5/8" casing and cemented w/200 sx class "G" cement w/2% CaCl₂. Released rig @ 6:00 p.m. 8-15-80.
 Chandler & Associates Rig #1 (Rotary) will MI approx 8-26-80.
 Notice of spud called in to Rinda w/USGS 8-18-80.

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

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

SIGNED *Lynn J. Nelson* TITLE Engineering Clerk DATE 8-18-80

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 43-21424.

6. LEASE DESIGNATION AND SERIAL NO.

U-0144868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE TRIBE * SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NATURAL DUCK

9. WELL NO.

9-15GR

10. FIELD AND POOL, OR WILDCAT

ND * GREEN RIVER

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

SEC. 15, T9S, R20E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

767' FWL & 585' FNL NW $\frac{1}{4}$ NW $\frac{1}{4}$

14. PERMIT NO.

43-047-30680

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

4771' KB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

STATUS

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Allwestern Air Drilling spudded a 13" surface hole on 8-14-80, drilled to 195'. Chandler & Assoc. Rig # 1 (Rotary) MI & RU on 9-7-80. Drilled an 8 3/4" hole from 195' to TD 5096'. TD reached 9-16-80.

STATUS 9-30-80 * WAITING ON COMPLETION UNIT

STATUS 10-31-80 - IN PROCESS OF BEING COMPLETED AND TESTED. WELL COMPLETION REPORT AND LOG TO BE SUBMITTED SHORTLY.

RECEIVED

NOV 3 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED

Lonnie Nelson
Lonnie Nelson

TITLE Engineering Clerk

DATE 11-1-80

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-10555.6.

4

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. RESV. Other _____

2. NAME OF OPERATOR
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 767' FWL & 585' FNL NW½ NW½
 At top prod. interval reported below SAME
 At total depth SAME

14. PERMIT NO. 43-047-30680 DATE ISSUED 3-17-80

5. LEASE DESIGNATION AND SERIAL NO.
U-0144868
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE * SURFACE
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME

NATURAL DUCK
 9. WELL NO.
9-15GR
 10. FIELD AND POOL, OR WILDCAT
ND * GREEN RIVER
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 15, T9S, R20E

12. COUNTY OR PARISH UTAH 13. STATE UTAH

15. DATE SPUNDED 8-14-80 16. DATE T.D. REACHED 9-16-80 17. DATE COMPL. (Ready to prod.) 10-20-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4771' KB 19. ELEV. CASINGHEAD 4759'

20. TOTAL DEPTH, MD & TVD 5096' drlrs. 5098' SLM 21. PLUG, BACK T.D., MD & TVD 5057' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → ALL ROTARY TOOLS ALL CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4828-4881' GREEN RIVER 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS-RUN GR-CNL-FDL w/Caliper & DLL 27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	195'	13"	200 sx "G"	none
5 1/2"	17#	5098'	8 3/4"	970 sx 50/50 Pozmix	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4827'	

31. PERFORATION RECORD (Interval, size and number)
 4828-30 (4 hpf)
 4833-35 (4 hpf)
 4849-51 (4 hpf)
 4877-81 (4 hpf) TTL 40 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4828-4881'	20,700 gal treated fluid 14,000# 20/40 sand and 8,000# 10/20 sand

38.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-21-80	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-25-80	24		→	30	10.5	TSTM	350 cf/bbl

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
10	50	→		10.5	TSTM	34.6 @ 60°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TO ATMOSPHERE TEST WITNESSED BY Rick Schatz

35. LIST OF ATTACHMENTS

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

SIGNED J. C. Ball TITLE District Engineer DATE 11-26-80
 J. C. BALL OIL, GAS & MINING

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

NOV 23 1980

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

FORMATION		TOP	BOTTOM	38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Uinta Green River	Surface 1775'	

NDC 40-30 cont

5218'

5337'

6' above shoe 5692'

Mud cost \$17,500
AFE (csg pt) \$200,000
Cost (csg pt) \$160,606
CUM cost \$227,580

DC 11-16GR (DW-OIL)
Duck Creek Field
Uintah County, Utah
5215' Green River
Jacobs #2
Belco WI 100%

204' GL (0') 1. Drilling out surface @ 7:00 a.m.
AFE (csg pt) \$179,000
CUM cost \$31,564

CWU 42-13 (DW-GAS)
Chapita Wells Unit
Uintah County, Utah
6272' Wasatch
Chandler & Assoc #1
Belco WI 100%

200' (0') 1. MIRT.
AFE (csg pt) \$214,000
CUM cost \$30,000

WAITING ON COMPLETION

- ✓ Natural Duck 6-15
- ✓ Natural Duck 9-15
- ✓ Duck Creek 18-16

COMPLETIONS

CWU 52-33 (DW-GAS)
Chapita Wells Unit
Uintah County, Utah
7945' PBD (Mesaverde)
NL Well Service
Belco WI 100%

SI. Report #12.
Sun Oil Tool ran BH press test gradient on trip out; BH press after 24 hrs 2994 psi @ 174°. Inc approx 124 psi/hr w/no peak observed. Gradient indicates fluid level @ approx 6060'. Tubing press @ 4:30 p.m. 10/2/80, 2112 psi. This a.m.: TP-2500, CP-0.
AFE (comp) \$539,000
CUM cost \$504,467

NBU 34-Y (DW-OIL)
Natural Buttes Field
Uintah County, Utah
5080' PBD (Green River)
Utah Well Service
Belco WI 100%

Swab Testing. Report #6.
Made 7 swab runs for 3¼ bbls, initial fluid level @ 4000'. Pulled 2½ bbls on last 3 runs, 75% wtr 22500, 25% crude @ API gravity 37 @ 120°. This a.m.: Pulled ½ bbls from seat nipple, 85% water @ 25,000 ch, 15% crude, gravity 35 @ 140°. AFE (comp) \$299,000
CUM cost \$85,184

BELCO PETROLEUM CORPORATION
DAILY DRILLING REPORT
Friday, September 12, 1980

VERNAL DISTRICT

DEVELOPMENT WELLS

ND 9-15GR (DW-OIL) 3200' (680') 6. Drilling, Green River.
Natural Duck Field Drld 680' in 24 hrs.
Uintah County, Utah Bit #2, 8 3/4", S86F, 3 14/32, 878' in 32 hours.
5096' Green River PP-1000 WT-45 RPM-62
Chandler & Assoc #1 Mud Prop: Water, chl 20,500 (KCL), BG-425 CG-450
Belco WI 62.5% AFE (csg pt) \$184,000
CUM cost \$65,956

ND 6-15GR (DW-OIL) 195' (0')0. MIRT, Uintah.
Natural Duck Field Will spud 9-13-80.
Uintah County, Utah AFE (csg pt) \$193,000
5050' Green River CUM cost \$17,852
Jacobs #2
Belco WI 100%

WORKOVERS

NBU 61-25B (DW-GAS) TIH w/tbg. Report #8
Natural Buttes Field NL Well Service blew down csg, pumped 60 bbls
Uintah County, Utah formation water down csg, killed well. TOH w/
5730' PBTD (Wasatch) tbg & packer, Oil Well Perforators set cast iron
NL Well Service 4 1/2" baker bridge plug @ 5741'. Set 1 sx cement
Belco WI 100% on plug, RD. Started blowing well to tank,
couldn't kill well. Left well blowing fm csg o/night.
This a.m.: Well still flowing 366 MCF, 48/64 ch,
unloaded 30 bbls formation water in 15 hours.
Will kill well & run tbg today.
CUM cost \$17,808.08
Daily Cost \$4,401.66

OUTSIDE OPERATED

LOVE UNIT A1-18(DW-GAS) (9-11-80)
Natural Buttes Field 5721', drlg sd & sh, made 136', DD #15, hole cond
Uintah county, Utah good, dev 1 1/2 @ 5679', MW-9.1, VIS-31, WL-11.6,
6400' Mesa Verde FC 2/32, PH-10.3. Bit #4 Smith F-4 in @ 4271',
Cotton Petroleum cut 250' in 20 1/4 hrs, WOB 40,000#, RPM-70, PP-1200,
Belco WIAPO 33.33% 62 spm, drlg, PP fell to 800#, POOH, look for hole
in DP, didn't find hole, repair main pump & stand
by pump, replace liners & heads, RIH, now drilling
drld 11 hrs, Totco 3/4 hrs, trip 7 1/2 hrs, service
& BOP 1/4 hrs, repair main & stand by pump 1/2 hr,
BGG 2 units, drlg break fr 5603'-21', drlg 4 mpf
broke to 2 mpf, aft break 4 mpf.
DC \$7900 CUM cost \$149,835

12

LOCATION STATUS:

DUCK CREEK	4-17	LOCATION BUILT
	8-16GR	LOCATION BUILT
	9-16GR	LOCATION BUILT
	10-16GR	LOCATION BUILT
	11-16GR	LOCATION BUILT, SURF SET
	12-9 GR	PERMITTED
	13-17GR	PERMITTED
	17-16GR	PERMITTED
	18-16GR	LOCATION BUILT, SURF SET
	19-16GR	PERMITTED
	20-9 GR	PERMITTED
	21-9 GR	PERMITTED
	22-9 GR	STAKED
	23-16GR	STAKED
	24-17GR	STAKED
	26-8 GR	STAKED
NATURAL DUCK	6-15GR	PERMITTED
	7-15GR	PERMITTED
	9-15GR	BUILDING LOCATION
	10-21GR	STAKED
	11-21GR	STAKED
	12-21GR	STAKED
	13-21GR	STAKED
	14-15GR	PERMITTED
STAGECOACH	16-26	LOCATION BUILT
	17-25	PERMITTED
	19-33	PERMITTED
	20-7	PERMITTED
	21-8	PERMITTED
CWU FEDERAL	1-4	LOCATION BUILT
	1-5	PERMITTED
CHAPITA WELLS	42-13	LOCATION BUILT, SURF SET
	49-25	WO USGS PERMIT
	50-32	PERMITTED
	51-32	PERMITTED
	52-33	BUILDING LOCATION
	53-33	WO USGS PERMIT
	54-34	WO USGS PERMIT
	55-20	WO USGS PERMIT, APD SENT 7-17-80
	56-29	WO USGS PERMIT, APD SENT 7-17-80
	57-29	WO USGS PERMIT, APD SENT 7-17-80
	58-19	WO USGS PERMIT, APD SENT 7-17-80
SUMMIT CO.	1-4	WO STATE PERMIT

VERNAL DISTRICT
MARCH 7, 1980
PAGE NO. 2

NBU 9-32GR Pumped 3 BO, 10 BW in 24 hrs, 80% WC, TP-30, CP-10,
8 X 64 SPMXL, no gas vented

NBU 28-4B Flowed 30 MCF in 24 hrs, 48/64 choke, TP-750, CP-750,
625 Back PSI

NBU 54-2B Flowed 876 MCF in 24 hrs, 10/64 choke, TP-2100, CP-2100,
0 BC, 0 BW

NBU 39-28B SI TP-700, CP-1000, SI 24 hrs

NBU 47-27B Open to pit, TP-0, CP-1450, open to pit 192 hrs

NBS 1-32G SI TP-2130, CP-pkr, SI 72 hrs

NBU 41-34B SI TP-1100, CP-1640, SI 120 hrs

EGNAR #1 1400 MCF, 0 BC, TP-700, LP-590, 68°

LOCATION STATUS

NBU 48-29B WOCU
STGU 18-17 WOCU
CWU 43-11 WOCU
CWU 46-30 WOCU

CWU 42-13 Location built, surface set
CWU 48-19 Location built

DUCK CREEK 4-17 Location built
8-16GR Location built
9-16GR Location built
10-16GR Location built
11-16GR Location built
12-9GR Approved
13-17GR Approved
14-16GR Building location
15-16GR WO USGS approval, NID sent 12-13-79, inspected 2-11-80
16-16GR Approved
17-16GR WO USGS approval, NID sent 12-13-79
18-16GR WO USGS approval, NID sent 12-13-79
19-16GR WO USGS approval, NID sent 12-13-79, inspected 2-11-80
20-9GR WO USGS approval, NID sent 12-13-79, inspected 2-12-80
21-9GR WO USGS approval, NID sent 12-13-79, inspected 2-12-80

NATURAL DUCK 5-15GR Approved
6-15GR WO USGS approval, NID sent 12-11-79, inspected 2-11-80
7-15GR WO USGS approval, NID sent 12-11-79, inspected 1-7-80
8-15GR WO USGS approval, NID sent 3-4-80
9-15GR WO USGS approval, NID sent 3-4-80
14-15GR Approved

STAGECOACH 16-26 Location built
17-25 Approved
19-33 WO USGS approval, NID sent 12-17-79, inspected 2-12-80
20-7 WO USGS approval, NID sent 12-17-79
21-8 WO USGS approval, NID sent 12-17-79, inspected 2-12-80

CWU FED 1-4 WO USGS approval, NID sent 12-17-79, inspected 2-12-80
1-5 WO USGS approval, NID sent 12-17-79, inspected 2-12-80

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
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 767' FWL & 585' FNL NW/NW
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*

(other) PRODUCTION FACILITIES/FLOWLINE APPROVAL

5. LEASE
U-0144868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE * SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NATURAL DUCK

9. WELL NO.

9-15GR

10. FIELD OR WILDCAT NAME
NATURAL DUCK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 15, T9S, R20E

12. COUNTY OR PARISH | 13. STATE
UINTAH | UTAH

14. API NO.
43-047-30680

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4757' GL

(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.)*

SUPPLEMENT TO 13 POINT SURFACE USE PLAN

SEE ATTACHMENTS FOR:

1. SUPPLEMENT TO SURFACE USE PLAN, POINT 4.
2. PRODUCTION FACILITIES SCHEMATIC.
3. TOPO MAP.

NOTE: ROW FOR PIPELINE HAS BEEN REQUESTED FROM THE BIA.

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

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

SIGNED J. C. Ball TITLE District Engineer DATE 3-19-81

(This space for Federal or State office use)

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

NATURAL DUCK 9-15GR
767' FSL & 585' FNL NW/NW
SECTION 15 T9S, R20E
UINTAH COUNTY, UTAH

SUPPLEMENT TO 13 POINT SURFACE USE PLAN

POINT 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. See attached map showing:

1. Tank batteries: DC 3-16GR, DC 5-16GR, DC 6-16GR, DC 7-16GR, DC 11-16GR, DC 14-16GR, DC 16-16GR, ND 1-15GR (DC 2-15GR), ND 3-15GR, ND 4-21GR, ND 8-15GR, NB 2-15, NBU 34-Y (CIGE 28-21-9-20).
2. Production facilities: Same as above.
3. Oil gathering lines: See attached map. ROW for this Oil line has been requested from the BIA.
4. Gas gathering lines: None owned or controlled by Belco.
5. Injection lines: none.
6. Disposal lines: none.

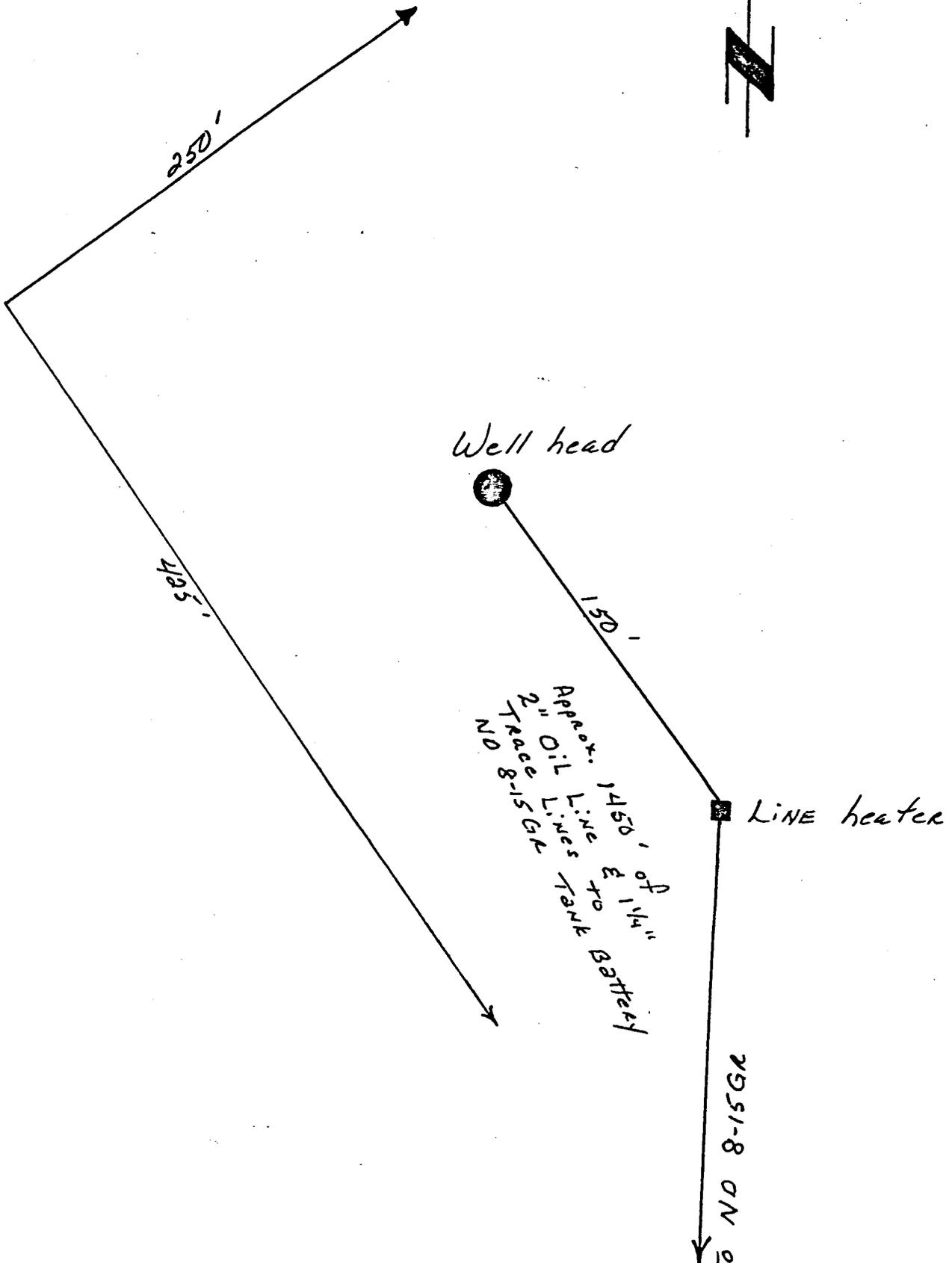
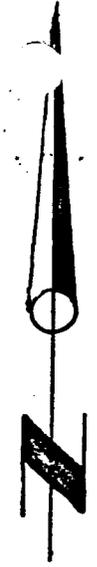
B.

1. See attached diagram and map. Wellhead, pumping unit and line heater are located on the location pad.
2. See attached map.
3. See diagram A.
4. Guard rails will be installed around pumping units. Pits will be fenced and overhead flagged as necessary.

- C. Plan for rehabilitation of disturbed area: Stockpiled topsoil will be spread over any area not required for production operations of the well. At the time production operations cease, the entire area and road will be returned as near as possible to it's original condition and reseeded in accordance with BIA specifications.

NATURAL DUCK 9-15GR
SECTION 15, T9S, R20E
UINTAH COUNTY, UTAH

PRODUCTION FACILITIES SCHEMATIC



Belco Development Corporation

Belco

March 1, 1983

Mr. E. W. Guynn - Oil & Gas Supervisor
Bureau of Land Management
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

SUBJECT: NTL-2B EXTENSIONS
Natural Duck and Duck Creek Field
Uintah County, Utah

Dear Sir,

Attached are the Sundry Notices requesting an extension of the approvals to dispose of produced water into unlined pits on the location pad as per Section IV, number 4 of NTL-2B.

Very truly yours,

Kathy Knutson
Kathy Knutson
Engineering Clerk

/kk
attachments

cc: Denver
Houston
Files

oil, gas & mining

MAR 1 1983

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
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P.O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: N/A
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>

(other) NTL-2B - REQUEST EXTENSION OF APPROVAL TO DISPOSE OF PRODUCED WATER INTO UNLINED PITS

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.)*

Belco Development Corporation requests extension of NTL-2B approval given wells to dispose of produced waters into unlined pits.

1. Wells produce less than 5 BWPD. Water is produced from the Green River formation.
2. The pits are located on the location pad of the well site.
3. Evaporation rate for the area, compensated for annual rainfall is approximately 70 inches per year.
4. Percolation rate for the area is from 2 to 6 inches per hour.
5. Areal extent and depth of waters containing less than 10,000 ppm TDS is unknown.
6. The pit is approximately 20'x20' tapering to 15'x15'. Depth are approximately 5'.

Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED *Harley K. Kautzman* TITLE Eng Clerk DATE 83

(This space for Federal or State office use)

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

5. LEASE
SEE ATTACHMENT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NATURAL DUCK

9. WELL NO.
SEE ATTACHMENT

10. FIELD OR WILDCAT NAME
NBU

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
SEC 15 & 21, T9S, R20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
N/A

15. ELEVATIONS (SHOW DEPTH, KDB, AND WD)
N/A

MAR 08 1983

DIVISION OF

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

NTL-2B REQUEST EXTENSION OF APPROVAL TO
DISPOSE OF PRODUCED WATER INTO UNLINED PITS

NATURAL DUCK FIELD

<u>WELL NUMBER</u>	<u>LEASE NUMBER</u>	<u>LOCATION (Uintah County, Utah)</u>	<u>QUALIFICATION</u>
Natural Duck 1-15GR	U-0144868	Section 15, T9S, R20E	Section IV-#4
Natural Duck 2-15GR	U-0578A	Section 15, T9S, R20E	Section IV-#4
Natural Duck 3-15GR	U-0578A	Section 15, T9S, R20E	Section IV-#4
Natural Duck 4-21GR	U-0144869	Section 21, T9S, R20E	Section IV-#4
Natural Duck 5-15GR	U-0578A	Section 15, T9S, R20E	Section IV-#4
Natural Duck 6-15GR	U-0144868	Section 15, T9S, R20E	Section IV-#4
Natural Duck 8-15GR	U-0144869	Section 15, T9S, R20E	Section IV-#4
Natural Duck 9-15GR ✓	U-0144868	Section 15, T9S, R20E	Section IV-#4
Natural Duck 10-21GR	U-0144869	Section 21, T9S, R20E	Section IV-#4
Natural Duck 11-21GR	U-0144869	Section 21, T9S, R20E	Section IV-#4
Natural Duck 12-21GR	U-0144869	Section 21, T9S, R20E	Section IV-#4



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:

• BELCO DEVELOPMENT CORP
P O BOX X
VERNAL UT 84078
ATTN: CATHERINE ANDERSON

Utah Account No. N0101
Report Period (Month/Year) 1 / 87
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
X N DUCKCREEK 51-29 4304731263 05050 08S 21E 29	GRRV	✓✓			
X NATURAL DUCK 1-15 4304730393 05055 09S 20E (15)	GRRV	✓✓	OK ON CARD		
X NATURAL DUCK 2-15 4304730555 05055 09S 20E 15	GRRV	✓✓			
X NATURAL DUCK 3-15 4304730556 05055 09S 20E 15	GRRV	✓✓			
X NATURAL DUCK 4-21 4304730557 05055 09S 20E 21	GRRV	✓✓			
X NATURAL DUCK 5-15 4304730646 05055 09S 20E 15	GRRV	✓✓			
X NATURAL DUCK 6-15 4730647 05055 09S 20E 15	GRRV	✓✓			
X NATURAL DUCK 10-21 4304730769 05055 09S 20E 21	GRRV	✓✓			
X NATURAL DUCK 11-21 4304730770 05055 09S 20E 21	GRRV	✓✓			
X NATURAL DUCK 12-21 4304730771 05055 09S 20E 21	GRRV	✓✓			
X NATURAL DUCK 1-28GR 4304731269 05080 09S 21E (28)	GRRV	✓	OK ON CARD		
X NATURAL DUCK 8-15 4304730679 05085 09S 20E 15	GRRV	✓✓			
X NATURAL DUCK 9-15 4304730680 05085 09S 20E 15	GRRV	✓✓			
TOTAL					

Comments (attach separate sheet if necessary) _____

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

 orized signature Telephone _____

ENRON
Oil & Gas Company

020930

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

February 4, 1987

RECEIVED
FEB 06 1987

Ms. Tammy Searing
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Dear Ms. Searing,

To confirm our recent telephone conversation, effective December 31, 1986 Belco Development Corporation was merged with Enron Oil & Gas Company, a Delaware Corporation, the surviving corporate entity (Utah State I.D. Number N0401). Please adjust your records to reflect such change.

Also, please find enclosed a copy of the 1987 Return for Assessment which lists wells in the state of Utah which Belco Development Corporation had an interest.

If you have any questions, you may call me at 713-853-5518.

Very truly yours,



John Thomas
Governmental Royalties & Taxes

ENCLOSURE

cc: Don Fox

ENRON

Oil & Gas Company

P.O. Box X, Vernal, Utah 84078, Telephone (801) 789-0790

February 16, 1987

State of Utah
Division of Oil, Gas & Mining
355 W. North Temple
Salt Lake City, Utah

RECEIVED
FEB 20 1987

Attention: Ron Firth

DIVISION OF
OIL, GAS & MINING

Dear Mr. Firth:

This is to advise that Enron Oil and Gas has acquired the assets of the following companies:

Belco Development Corporation
Belco Petroleum - North America, Inc.
BelNorth Energy Corporation
BelNorth Petroleum Corporation
FEC Offshore Inventory Company
Florida Exploration Company
HNG Exploration Company
HNG Fossil Fuels Company
HNG Oil Company
HNG Oil (Sumatra) Inc.
IN Holdings, Inc.
InterNorth Exploration and Production Division
Ocelot Oil Company
Smitheastern Exploration Company

It is requested that all leases and well names be changed to reflect the new names. A list of affected lease numbers and well names is attached. Also, the bonding should be transferred to Enron Oil and Gas. Enron Oil and Gas Company, A Delaware Corporation, is wholly owned by Enron Corporation.

It is requested that 90 days be granted to have all the wells signs changed.

Also, attached is legal evidence of this ownership. If there are any questions or other information is needed please contact J. C. Ball at 789-0790 in the Vernal Office.

Sincerely yours,



J. C. Ball
District Superintendent

JCB:jl

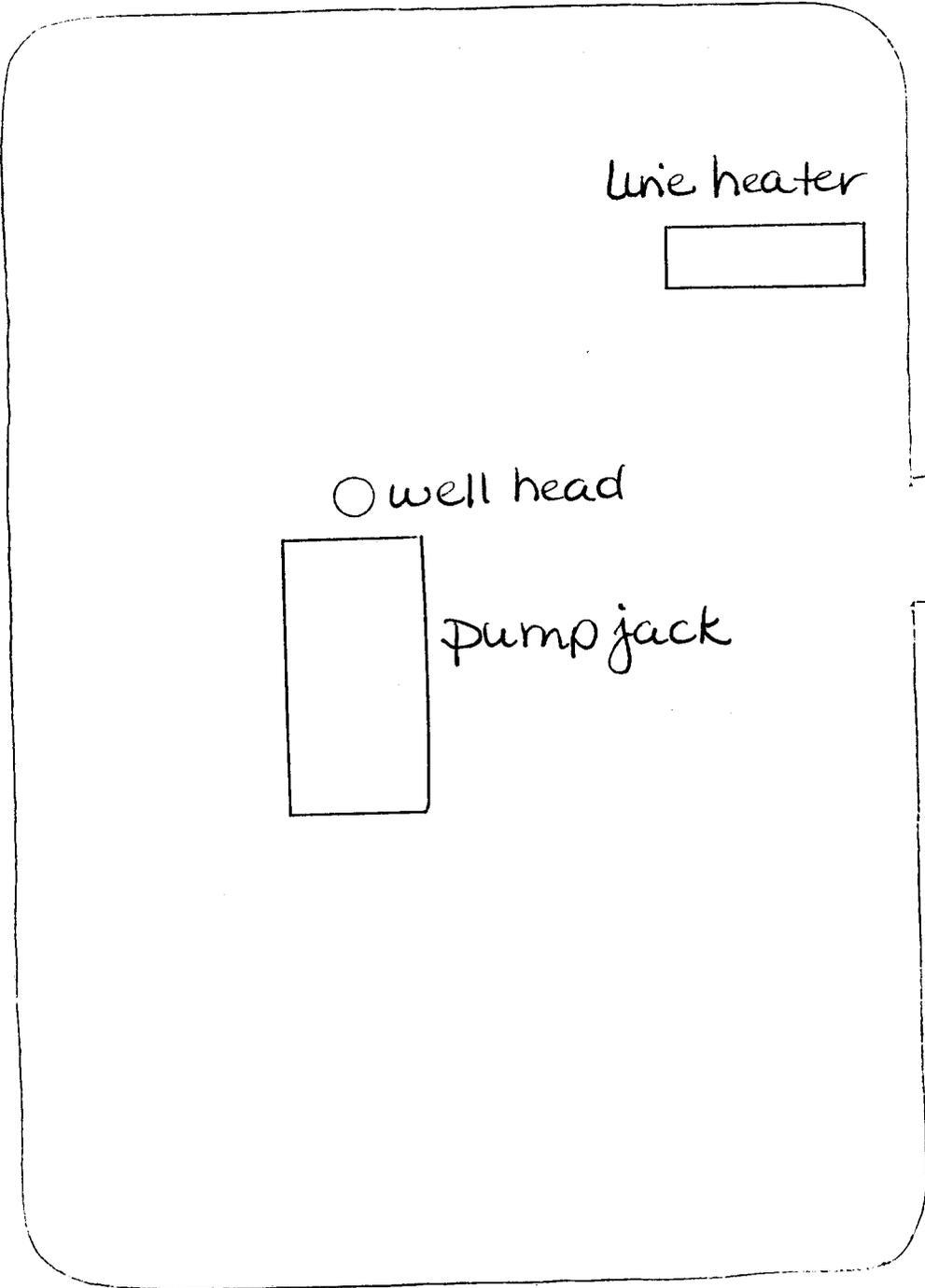
cc A. C. Morris
D. Weaver
File
J. C. Ball
D. Wright

Part of the Enron Group of Energy Companies

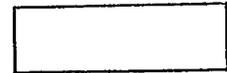
Page 2

cc: Bureau of Land Management - Utah
Bureau of Land Management - Colorado
Bureau of Land Management - New Mexico
State of Utah
State of Colorado
State of New Mexico

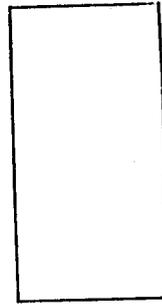
Natural Duck 9-15 sec 15, T95, R20E Gubly 1/4/89



line heater



○ well head



pump jack

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U-0144868
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME SURFACE-UTE TRIBE
2. NAME OF OPERATOR ENRON OIL & GAS COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. BOX 1815 VERNAL, UT 84078		8. FARM OR LEASE NAME NATURAL DUCK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 767' FWL & 585' FNL NW/NW		9. WELL NO. 9-15
10. FIELD AND POOL, OR WILDCAT NATURAL DUCK		11. SEC., T., R., M., OR BLE. AND SUBVY OR AREA SEC 15, T9S, R20E
14. PERMIT NO. 43 047 30680	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4757' GL	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 <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input checked="" type="checkbox"/> ANNUAL STATUS REPORT	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <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.)*

UNECONOMICAL TO PRODUCE

RECEIVED

FEB 04 1992

DIVISION OF OIL GAS & MINING

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

SIGNED Paul Hatch TITLE PRODUCTION ANALYST DATE 2-3-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENRON

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

January 6, 1993

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

RE: NATURAL DUCK 9-15GR
NWNW Sec. 15, T9S, R20E S.L.B.&M
Uintah County, Utah
LEASE NO. U-0144868

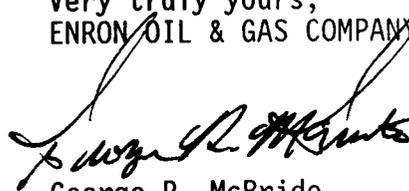
Attn: Mr. Ronald J. Firth

Dear Mr. Firth:

Attached please find an Annual Status Report Sundry Notice on subject well.

If you require further information concerning this matter, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



George R. McBride
Sr. Production Foreman

RECEIVED

JAN 07 1993

DIVISION OF
OIL, GAS & MINING

cc: Bureau of Land Management - Vernal District
Curt Parsons
Doug Weaver/Toni Miller
Suzanne Saldivar - Houston - EB2369
Diane Cross - Houston - EB2370
File

/lwSundry

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

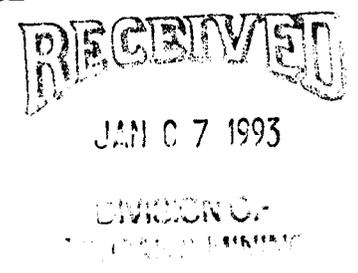
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: U-0144868
2. Name of Operator: Enron Oil & Gas Company		6. If Indian, Allottee or Tribe Name: Ute Tribal Surface
3. Address and Telephone Number: P.O. Box 1815 Vernal, Utah 801-789-0790		7. Unit Agreement Name: Natural Duck
4. Location of Well Footages: 767' FWL & 585' FNL QQ, Sec., T., R., M.: NW/NW Sec. 15, T9S, R20E		8. Well Name and Number: Natural Duck 9-15GR
		9. API Well Number: 43-047-30680
		10. Field and Pool, or Wildcat: ND/Greenriver
		County: Uintah State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>ANNUAL STATUS REPORT</u> Date of work completion _____ Report results of Multiple Completions and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

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

STATUS 12/31/92: SI UNECONOMICAL TO PRODUCE



13. Name & Signature: Linda S. Wain Title: Sr. Admin. Clerk Date: 1/6/93

(This space for State use only)

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

SEP 07 1993

1. Type of Well

Oil Well Gas Well Other

DIVISION OF
OIL, GAS & MINING

2. Name of Operator

Bishop Petroleum Corporation

3. Address and Telephone No.

1580 Lincoln Street, Suite 880, Denver, Colorado 80203

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

(303) 863-7800

767' FWL & 585' FNL, NW $\frac{1}{4}$ NW $\frac{1}{4}$
Section 15-T9S-R20E

5. Lease Designation and Serial No.
U-0144868

6. If Indian, Allottee or Tribe Name
Ute Tribal Surface

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Natural Duck 9-15GR

9. API Well No.
43-047-30680

10. Field and Pool, or Exploratory Area
Green River

11. County or Parish, State
Uintah County, Utah

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

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

(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.)*

On July 15, 1993, but effective September 1, 1992, Enron Oil & Gas Company assigned all of its right, title and interest in the above-described well to Bishop Petroleum Corporation.

Please be advised that Bishop Petroleum Corporation is now considered to be the operator of the Natural Duck 9-15GR Well; NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 15, Township 9 South, Range 20 East; Lease U-0144868; Uintah County, Utah; and is responsible under the terms and conditions of the Lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Bond No. UT0948.

RECEIVED

JUL 15 1993

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

Signed [Signature] Title President Date 7-15-93

(This space for Federal or State office use)

Approved by HOWARD B. CLEAVINGER II Title ASSISTANT DISTRICT MANAGER MINERALS Date SEP 02 1993

Conditions of approval, if any:

ENRON

Oil & Gas Company

1801 California Street, Suite 3400, Denver, Colorado 80202 (303) 293-2525

September 10, 1993

RECEIVED
SEP 13 1993

Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ms. Lisha Cordova

RE: Change of Operator
Duck Creek and Natural Duck Wells
Uintah County, Utah
K0034064

Ladies and Gentlemen:

This letter will confirm that Enron Oil & Gas Company assigned all of its right, title and interest in and transferred operatorship of the following described wells to Bishop Petroleum Corporation effective September 1, 1992:

<u>Well Name</u>	<u>Description</u>	<u>API Well No.</u>
Duck Creek 11-16GR	SW/4SW/4 of Sec. 16-9S-20E	43-047-30626
Natural Duck 1-15GR	NE/4SW/4 of Sec. 15-9S-20E	43-047-30393
Natural Duck 6-15GR	NW/4SW/4 of Sec. 15-9S-20E	43-047-30647
Natural Duck 3-15GR	SW/4SE/4 of Sec. 15-9S-20E	43-047-30556
Natural Duck 5-15GR	SE/4SW/4 of Sec. 15-9S-20E	43-047-30646
Natural Duck 4-21GR	NE/4NE/4 of Sec. 21-9S-20E	43-047-30557
Natural Duck 10-21GR	NW/4NE/4 of Sec. 21-9S-20E	43-047-30769
Duck Creek 26-8GR	NE/4SE/4 of Sec. 8-9S-20E	43-047-30784
Duck Creek 15-16GR	SE/4SW/4 of Sec. 16-9S-20E	43-047-30649
Duck Creek 6-16GR	NE/4SW/4 of Sec. 16-9S-20E	43-047-30540
Duck Creek 5-16GR	SW/4SE/4 of Sec. 16-9S-20E	43-047-30523
Duck Creek 3-16GR	NE/4SE/4 of Sec. 16-9S-20E	43-047-30476
Natural Duck 12-21GR	NW/4NW/4 of Sec. 21-9S-20E	43-047-30771
Natural Duck 11-21GR	NE/4NW/4 of Sec. 21-9S-20E	43-047-30770
Natural Duck 8-15GR	SW/4NW/4 of Sec. 15-9S-20E	43-047-30679
✓ Natural Duck 9-15GR	NW/4NW/4 of Sec. 15-9S-20E	43-047-30680
Duck Creek 18-16	SE/4NW/4 of Sec. 16-9S-20E	43-047-30655 <i>see separate change.</i>
Natural Duck 2-15GR	SW/4SW/4 of Sec. 15-9S-20E	43-047-30555

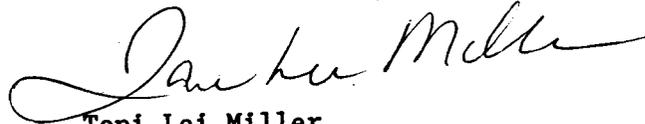
A copy of the federal-form sundry notice pertaining to the change of operator of the Natural Duck 12-21GR well is enclosed. It is our understanding that you have copies of the federal-form sundry notices pertaining to the change of operator of the others.

Division of Oil, Gas and Mining
September 10, 1993
Page 2 of 2

If you have any questions or need anything further from Enron Oil & Gas Company, please don't hesitate to contact the undersigned.

Yours very truly,

ENRON OIL & GAS COMPANY



Toni Lei Miller
Project Landman

TLM/dac
Enclosure
11825T

cc: Bishop Petroleum Corporation

Routing:

1-EC	7-SJ
2-PP	8-FILE
3-VLD	
4-RJE	
5-EC	
6-PL	

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: 9-1-92)

TO (new operator)	<u>BISHOP PETROLEUM CORP</u>	FROM (former operator)	<u>ENRON OIL & GAS CO</u>
(address)	<u>1580 LINCOLN ST STE 880</u>	(address)	<u>PO BOX 250</u>
	<u>DENVER, CO 80203</u>		<u>BIG PINEY, WY 83113</u>
	<u>phone (303) 863-7800</u>		<u>phone (307) 276-3331</u>
	<u>account no. N1245</u>		<u>account no. N0401</u>

Well(s) (attach additional page if needed):

Name:	<u>DUCKCREEK 11-16GR/GRRV</u>	API:	<u>43-047-30626</u>	Entity:	<u>10727</u>	Sec	<u>16</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U41367</u>
Name:	<u>NATURAL DUCK 5-15/GRRV</u>	API:	<u>43-047-30646</u>	Entity:	<u>5055</u>	Sec	<u>15</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U0578A</u>
Name:	<u>NATURAL DUCK 6-15/GRRV</u>	API:	<u>43-047-30647</u>	Entity:	<u>5055</u>	Sec	<u>15</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U014486</u>
Name:	<u>DUCKCREEK 15-16GR/GRRV</u>	API:	<u>43-047-30649</u>	Entity:	<u>10730</u>	Sec	<u>16</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U38399</u>
Name:	<u>DUCKCREEK 18-16GR/GR WS</u>	API:	<u>43-047-30655</u>	Entity:	<u>5000</u>	Sec	<u>16</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U38399</u>
Name:	<u>NATURAL DUCK 8-15/GRRV</u>	API:	<u>43-047-30679</u>	Entity:	<u>5085</u>	Sec	<u>15</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U014486</u>
Name:	<u>NATURAL DUCK 9-15/GRRV</u>	API:	<u>43-047-30680</u>	Entity:	<u>5085</u>	Sec	<u>15</u>	Twp	<u>9S</u>	Rng	<u>20E</u>	Lease Type:	<u>U014486</u>

CONT.

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Ref. 9-10-93) (Rec'd 9-10-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 9-7-93)*
- N/A 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: .
- Sec 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.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-13-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(9-13-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(9-13-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-13-93)*
- Sec 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

- See 1. (Rule R615-8-7) 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. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- See / N/A 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 and former operators' bond files.
- ___ 3. The former operator has requested a release of liability from their bond (yes/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 OK person with an interest in such lease of the change of operator. Documentation of such 9/16/93 notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: 10-6 19 93.

FILING

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

COMMENTS

930910 Duckcreek 18-16AR/43047-30655 will be handled under separate change.
(C.A. CL-223 not approved at this time.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.
U-0144868

6. If Indian, Allottee or Tribe Name
Ute Tribal Surface

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Natural Duck 9-15 GR

9. API Well No.
43-047-30680

10. Field and Pool, or Exploratory Area
Green River

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Berry Ventures, Inc.

3. Address and Telephone No.
7060 South Yale Avenue, Suite 900, Tulsa, Oklahoma 74136-5742 (918) 492-1140

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
767' FWL & 585' FNL, .NW/4 NW/4
Section 15-T9S-R20E

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>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

(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.)

On July 15, 1993, Bishop Petroleum Corporation sold all of its right, title and interest in the above-described well to Berry Ventures, Inc.

Please be advised that Bishop Petroleum Corporation will continue to be the contract operator of the Natural Duck 9-15 GR well under Agreement with Berry Ventures, Inc. Berry Ventures, Inc., as Lessee of Operating Rights from the surface down to the base of the Green River Formation, is responsible under the terms and conditions of the lease for operations conducted upon the leased lands. Bond coverage is provided by Berry Ventures, Inc.'s BLM Bond No. UT0949 and Bishop Petroleum Corporation's Bond No. UT0948. All notices concerning operations should be directed to Bishop Petroleum Corporation, Attention of Mr. John B. Dunnewald, 1580 Lincoln Street, Suite 880, Denver, Colorado 80203, (303) 863-7800.

RECEIVED
SEP 20 1993

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

Signed *Howard B. Cleavinger II* Title President Date September 14, 1993

(This space for Federal or State office use)

Approved by IS HOWARD B. CLEAVINGER II Title ASSISTANT DISTRICT MANAGER MINERALS Date NOV 24 1993

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: July 31, 1992

TRANSFER OF OPERATING RIGHTS (SUBLEASE) IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Lease Serial No.

U-0144868

Natural Buttes
0050614-000

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Type or print plainly in ink and sign in ink.

PART A: TRANSFER

1. Transferee (Sublessee)* **Berry Ventures, Inc.**
Street **15 East 5th Street, Suite 1909**
City, State, ZIP Code **Tulsa, Oklahoma 74103**

*If more than one transferee, check here and list the name(s) and address(es) of all additional transferees on the reverse of this form or on a separate attached sheet of paper.

This transfer is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Operating Rights (sublease) Overriding Royalty, payment out of production or other similar interests or payments

2. This transfer (sublease) conveys the following interest:

Land Description	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.					
Township 9 South, Range 20 East, S1M					
Section 15: W $\frac{1}{2}$ NW $\frac{1}{4}$ 8-15: 9-15 WELLS	50%	50%	-0-	5%	12.5%
Section 15: N $\frac{1}{2}$ SW $\frac{1}{4}$ 1-15: 6-15 WELLS	100%	100%	-0-	5%	12.5%
Uintah County, Utah Containing 160.00 acres, more or less					
Limited in depth from the surface of the earth down to the base of the Green River formation which is defined as the stratigraphic equivalent of the correlation point established at a depth of 4,822 feet below K.B. (Kelly Bushing) in the Ute Trail No. 10 well drilled by DeKalb Petroleum Company in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 34, Township 9 South, Range 21 East, Uintah County, Utah.					

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

THE UNITED STATES OF AMERICA

This transfer is approved solely for administrative purposes. Approval does not warrant that either party to this transfer holds legal or equitable title to this lease.

Transfer approved effective _____

By _____ (Authorized Officer) _____ (Title) _____ (Date)

**Upon Transferee's written acceptance of this Transfer of Operating Rights and the Bureau of Land Management's approval of same, Transferee agrees to indemnify and hold Transferor harmless from and against any and all claims, damages, liability and causes of action of any kind or character incurred by Transferee in connection with its operation of the interests transferred hereunder.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The transferor certifies as owner of an interest in the above designated lease that he/she hereby transfers to the above transferee(s) the rights specified above.
2. Transferee certifies as follows: (a) Transferee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the transfer of NPR-A leases, transferee is a citizen, national, or resident alien of the United States or associations of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Transferee is not considered a minor under the laws of the State in which the lands covered by this transfer are located; (c) Transferee's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920, or 51,200 acres in any one State if this is a geothermal lease; and (d) All parties holding an interest in the transfer are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Transferee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Transferee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Transferee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein. Applicable terms and conditions include, but are not limited to, an obligation to conduct all operations on the leasehold in accordance with the terms and conditions of the lease, to condition all wells for proper abandonment, to restore the leased lands upon completion of any operations as described in the lease, and to furnish and maintain such bond as may be required by the lessor pursuant to regulations 43 CFR 3104, 3134, or 3206.

For geothermal transfers, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this transfer is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15th day of July, 19 93
but effective September 1, 1992.

Executed this 15 day of July, 19 93

Name of Transferor Bishop Petroleum Corporation
Please type or print

BERRY VENTURES, INC.

Transferor [Signature]
or John B. Dunnewald (Signature)

Transferee By: [Signature]
or (Signature)

Attorney-in-fact _____
(Signature)

Attorney-in-fact _____
(Signature)

1580 Lincoln Street, Suite 880
(Transferor's Address)

Denver Colorado 80203
(City) (State) (Zip Code)

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0034), Washington, D.C. 20503

Title 18 U.S.C. Sec. 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.

*This Assignment is made with no warranty of title, either express or implied.

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

On the 15th day of July, 1993, personally appeared before me John B. Dunnewald, who, being by me duly sworn, did say that he is the President of Bishop Petroleum Corporation, and that said instrument was signed on behalf of said corporation by authority of a resolution of its Board of Directors and said John B. Dunnewald acknowledged to me that said corporation executed the same.

C. M. Espinosa-Carpenter
Notary Public - C. M. Espinosa-Carpenter

My Commission Expires:

January 11, 1996

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

On the 15th day of July, 1993, personally appeared before me Robert W. Berry, who, being by me duly sworn, did say that he is the President of Berry Ventures, Inc., and that said instrument was signed on behalf of said corporation by authority of a resolution of its Board of Directors and said Robert W. Berry acknowledged to me that said corporation executed the same.

C. M. Espinosa-Carpenter
Notary Public - C. M. Espinosa-Carpenter

My Commission Expires:

January 11, 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: July 31, 1992

TRANSFER OF OPERATING RIGHTS (SUBLEASE) IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Lease Serial No.

U-0144868

Natural Buttes
0050614-000

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Type or print plainly in ink and sign in ink.

PART A: TRANSFER

1. Transferee (Sublessee)*
Street Berry Ventures, Inc.
15 East 5th Street, Suite 1909
City, State, ZIP Code Tulsa, Oklahoma 74103

*If more than one transferee, check here and list the name(s) and address(es) of all additional transferees on the reverse of this form or on a separate attached sheet of paper.

This transfer is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Operating Rights (sublease) Overriding Royalty, payment out of production or other similar interests or payments

2. This transfer (sublease) conveys the following interest:

Land Description <small>Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
Township 9 South, Range 20 East, SIM Section 15: W $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ 1-15, 6-15, 8-15, 9-15 Uintah County, Utah Containing 160.00 acres, more or less Limited in depth from the surface of the earth down to the base of the Green River formation which is defined as the stratigraphic equivalent of the correlation point established at a depth of 4,822 feet below K.B. (Kelly Bushing) in the Ute Trail No. 10 well drilled by DeKalb Petroleum Company in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 34, Township 9 South, Range 21 East, Uintah County, Utah.	1.03125%	1.03125%	-0-	-0-	-0-

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

THE UNITED STATES OF AMERICA

This transfer is approved solely for administrative purposes. Approval does not warrant that either party to this transfer holds legal or equitable title to this lease.

Transfer approved effective _____

By _____ (Authorized Officer) _____ (Title) _____ (Date)

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The transferor certifies as owner of an interest in the above designated lease that he/she hereby transfers to the above transferee(s) the rights specified above.
2. Transferee certifies as follows: (a) Transferee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the transfer of NPR-A leases, transferee is a citizen, national, or resident alien of the United States or associations of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Transferee is not considered a minor under the laws of the State in which the lands covered by this transfer are located; (c) Transferee's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920, or 51,200 acres in any one State if this is a geothermal lease; and (d) All parties holding an interest in the transfer are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Transferee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Transferee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Transferee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein. Applicable terms and conditions include, but are not limited to, an obligation to conduct all operations on the leasehold in accordance with the terms and conditions of the lease, to condition all wells for proper abandonment, to restore the leased lands upon completion of any operations as described in the lease, and to furnish and maintain such bond as may be required by the lessor pursuant to regulations 43 CFR 3104, 3134, or 3206.

For geothermal transfers, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this transfer is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15th day of July, 19 93
but effective September 1, 1992.

Name of Transferor Bishop Petroleum Corporation
Please type or print

Transferor John B. Dunnewald
or John B. Dunnewald (Signature)

Attorney-in-fact _____
(Signature)

1580 Lincoln Street, Suite 880
(Transferor's Address)

Denver Colorado 80203
(City) (State) (Zip Code)

Executed this 15 day of July, 19 93

BERRY VENTURES, INC.

Transferee BY: [Signature]
or (Signature)

Attorney-in-fact _____
(Signature)

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0034), Washington, D.C. 20503.

Title 18 U.S.C. Sec. 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.

*This Assignment is made with no warranty of title, either express or implied.

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

On the 15th day of July, 1993, personally appeared before me John B. Dunnewald, who, being by me duly sworn, did say that he is the President of Bishop Petroleum Corporation, and that said instrument was signed on behalf of said corporation by authority of a resolution of its Board of Directors and said John B. Dunnewald acknowledged to me that said corporation executed the same.

C. M. Espinosa-Carpenter
Notary Public - C. M. Espinosa-Carpenter

My Commission Expires:

January 11, 1996

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

On the 15th day of July, 1993, personally appeared before me Robert W. Berry, who, being by me duly sworn, did say that he is the President of Berry Ventures, Inc., and that said instrument was signed on behalf of said corporation by authority of a resolution of its Board of Directors and said Robert W. Berry acknowledged to me that said corporation executed the same.

C. M. Espinosa-Carpenter
Notary Public - C. M. Espinosa-Carpenter

My Commission Expires:

January 11, 1996

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- DEC 7-93	<input checked="" type="checkbox"/>
2- DEC 8-93	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJE	<input checked="" type="checkbox"/>
5- DEC	<input checked="" type="checkbox"/>
6- PL	<input checked="" type="checkbox"/>

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: 7-15-93)

TO (new operator)	<u>BERRY VENTURES, INC.</u>	FROM (former operator)	<u>BISHOP PETROLEUM CORP.</u>
(address)	<u>C/O BISHOP PETROLEUM CORP.</u>	(address)	<u>1580 LINCOLN ST STE 880</u>
	<u>1580 LINCOLN ST STE 880</u>		<u>DENVER CO 80203</u>
	<u>DENVER CO 80203</u>		<u>JOHN B. DUNNEWALD</u>
	phone <u>(303) 863-7800</u>		phone <u>(303) 863-7800</u>
	account no. <u>N 6970</u>		account no. <u>N 1245</u>

Well(s) (attach additional page if needed):

Name: <u>**SEE ATTACHED**</u>	API: <u>43 047 30680</u>	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: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Req. 11-30-93) (Req'd 12-10-93)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Req'd 11-26-93)*
- N/A 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: _____
- See 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(12-7-93)*
- See 6. Cardex file has been updated for each well listed above. *(12-7-93)*
- See 7. Well file labels have been updated for each well listed above. *(12-7-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(12-7-93)*
- See 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

- See 1. (Rule R615-8-7) 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). *scheduled Jan. 94' Board Hearing "Desig. Unit operations - Duckcreek Unit". Will review & make entity changes at that time. Discussed with Steve Schneider & operator.*
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- See 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 and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/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. *DT 1/3/94*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: January 3 1994.

FILING

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

COMMENTS

931130 Btm/Vernal Approved 11-24-93.

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

6. Lease Designation and Serial Number
U-78321

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement
UTU-72689A
Duck Creek Green River Fm

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
Berry Ventures Inc.

3. Address of Operator
5764 Fig Way, Suite B-1, Arvada, CO 80002

4. Telephone Number
303-421-6300

9. Well Name and Number
Natural Duck 9-15

10. API Well Number
4304730680

11. Field and Pool, or Wildcat
Duck Creek

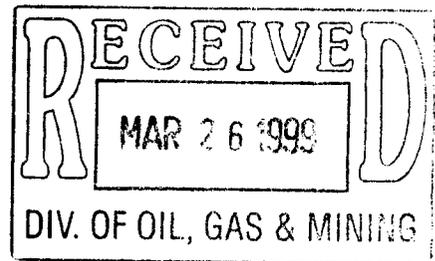
5. Location of Well
 Footage :
 County : Uintah County
 QQ, Sec, T., R., M. : NW NW Section 15, T9S, R20E
 State : UTAH

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate Date Work Will Start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other Annual Status Report _____ Date of Work Completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

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

Well temporarily abandoned because it cannot produce at economic rate but has been included in the Duck Creek River Waterflood Unit.



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

Name & Signature
(State Use Only)

[Handwritten Signature]

Agent for
Title Berry Ventures

Date 2/10/99

Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>	I. EPA ID NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"></td> <td style="width:10%; text-align: center;">T/A</td> <td style="width:10%; text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">U</td> <td></td> <td></td> </tr> </table>		T/A	C	U		
	T/A	C						
U								

READ ATTACHED INSTRUCTIONS BEFORE STARTING FOR OFFICIAL USE ONLY

Application approved <small>mo day year</small>	Date Received <small>mo day year</small>	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS	III. OWNER/OPERATOR AND ADDRESS
Facility Name Natural Duck 9-15 GR NWNW 15-T9S-R20E Street Address Duck Creek Green River Unit City Uintah County	Owner/Operator Name BERRY VENTURES, INC. Street Address 5764 Fig Way, Suite B-1 City Arvada State CO ZIP Code 80002

IV. OWNERSHIP STATUS (Mark 'x')	V. SIC CODES
<input checked="" type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)	1311

VI. WELL STATUS (Mark 'x')	Date Started <small>mo day year</small>	Description
<input type="checkbox"/> A. Operating <input type="checkbox"/> B. Modification/Conversion <input checked="" type="checkbox"/> C. Proposed		Plan to convert the Natural Duck 9-15 GR to a water injection well. (43-047-30680)

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)		
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area	Number of Existing wells 1	Number of Proposed wells 1 Name(s) of field(s) or project(s) Duck Creek Green River Unit Sections 15, 16, 21 & 22-T9S-R20E Uintah County, Utah

VIII. CLASS AND TYPE OF WELL (see reverse)			
A. Class(es) (enter code(s)) II	B. Type(s) (enter code(s)) R	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT										X. INDIAN LANDS (Mark 'x')	
A. Latitude		B. Longitude		Township and Range			Feet from		Line		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<small>Deg Min Sec</small>	<small>Deg Min Sec</small>	<small>Deg Min Sec</small>	<small>Deg Min Sec</small>	<small>Twsp Range Sec 1/4 Sec</small>	<small>Twsp Range Sec 1/4 Sec</small>	<small>Twsp Range Sec 1/4 Sec</small>	<small>Feet from</small>	<small>Line</small>	<small>Feet from</small>	<small>Line</small>	
				9S 20E 15 NW			985	N	767	W	

XI. ATTACHMENTS

(Complete the following questions on a separate sheet(s) and number accordingly; see instructions)

FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application:

XII. CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

A. Name and Title (Type or Print) John Dunnewald, President Bishop Petroleum - Agent for Berry Ventures, Inc.	B. Phone No. (Area Code and No.) (303) 421-6300
C. Signature 	D. Date Signed 5/1/97

ATTACHMENT "A"

**AREA OF REVIEW
AND NOTIFICATION OF LAND OWNERS**

The calculated area of review for the proposed Natural Duck 9-15 GR (NWNW 15-T9S-R20E) water injection well is A 1/2 mile radius around the well as shown on Attachment "A-1". Attachment "A-2" is a list of the names and mailing addresses for all property owners or tenants within the area of review. Attachment "A-3" is a copy of the cover letter sent to all property owners within the 1/2 mile radius.

BERRY VENTURES, INC.

DUCK CREEK
GREEN RIVER UNIT
UINTAH COUNTY, UTAH

ATTACHMENT "A-1"
AREA OF REVIEW

R 20 E

10

Area of Review

2-10

PROPOSED
INJECTION
WELL

9-15GR

1/2 MILE

UNIT BOUNDARY

32-17GR

24-17

10-16GR

18-16GR

7-16GR

8-16

17-16GR

8-15GR

22-15-9-20

17

9-17

18-16GR

6-16GR

3-16

3C

3A

6-15GR

1-15GR

EXISTING
INJECTION
WELL

SUPPLY WELL WATER

EXISTING
INJECTION
WELL

2-15B

11-16GR

6

15-16GR

5-16GR

2-15GR

4B

5-15

4A

3-15GR

T
9
S

35-17

11-21GR

1

12-21GR

10-21

4-21

1-22-9-20

2-22-9-20

1-57

10-57

21-20B

34-Y

19-21B

20

21

22

ATTACHMENT "A-2"

Enron Oil and Gas
1625 Broadway, Suite 1300
Denver CO 80202

Conoco Inc.
P.O. Box 2197
Houston, TX 77252

W.C. Investments
4901 W. 2100 S.
Salt Lake City, UT 84120

Texas Crude Inc.
P.O. Box 56586
Houston, TX 77256-6586

Ute Indian Tribe
Uintah & Ouray Agency
Ft. Duchesne, UT 84026
ATTN: Ronald McCook

Patricia Reeder Eubank
3350 Calle Bonita
Santa Ynez, CA 93460

Richard P. Smoot
847 E. 47th So.
Salt Lake City, UT 84102-2928

Seneca Oil Company
Section #7300; P.O. Box 26960-0001
Oklahoma City, OK 73196-0001

Stephen P. Smoot
875 Donner Way, Suite 705
Salt Lake City, UT 84108-2140

Suzanne M. Denton
6002 Clear Bay
Dallas, TX 75248

Thomas W. Sampson
8028 Woodrow Wilson Drive
Hollywood, CA 90046-1117

Bureau of Land Management
170 So. 500 E.
Vernal, UT 84078
Attn: Howard Cleavinger

Bureau of Land Management
P.O. Box 45155
Salt Lake City, UT 84145-0155
Attn: Robert Henricks

Division of Oil, Gas and Mines
1594 W., North Temple, Suite 1210; P.O. Bo
Salt Lake City, UT 84114
Attn: Mineral Section

Lori H. Schafer
c/o Boeing Employees Credit Union, P.O. Bo
Seattle, WA 98124-9710
Route # 325081403; Acct. # 502883419

Matthew Cullen Wilkin & Josephine Wilkin
Co-Trustees for the Matthew Cullen Wilkin F
5042 Calvin Ave.
Tarzana, CA 91356

Margaret E Pollock Trust
C/o First Interstate Bank of Utah NA Success
P.O. Box 30169
Salt Lake City, UT 84142

Margaret M. Warnock, Trustee
U/T/A Dtd 3-24-69
501 Via Casitas, #601
San Rafael, CA 94904-1933

J. Michael Pack
1040 Peaks Circle
Salt Lake City, UT 84117-7227

Mt. Carmel Trust
7128 So. Poplar Lane
Englewood, CO 80122-1635
c/o Gilman A. Hill

ATTACHMENT "A-2" (Cont'

NSMC Corporation
P.O.Box 2057
Oklahoma City, OK 73101

E.O. Buck
101 Southwestern Blvd. #107
Sugarland, TX 77478-3548

The Frederick U. Leonard, Jr.
& Rosalyn R. Leonard Family Trust
8490 Oakmont Drive
Santa Rosa, CA 95405

Garry B. Wilkin
36450 Alamar Mesa Cr.
Hemet, CA 92343

John R. Anderson
1939 S. 300 West, Suite 200
Salt Lake City, UT 84115

James C. Reeder
c/o Ray, Hoover & Associates
8530 Wilshire Blvd. Penthouse
Beverly Hills, C A 90211

Joseph G. Denton
6002 Clear Bay
Dallas, TX 75248

Judith Ann Webley
34300 Lantern Bay Drive, Suite 33
Dana Point, CA 92629

Kimberly Hill Campbell
15930 SE Brenda Ave.
Milwaukee, OR 97267

La Von S. Hill
7128 S. Poplar Lane
Englewood, CO 80112-1635

A. Bayard Dod, Jr. and
Jane W. Dod, Co-Trustees
4034 Aladdin Drive
Huntington Beach, CA 92649-4225

A.P. Smoot, Trustee
765 E. 3 Fountains Circle 33
Murray, UT 84107-5201

Bar Mesa Resources, Inc.
P.O. Box 213
Roosevelt, UT 84066-0213

Carol L. Hatch
1939 S. 300 West, Suite 200
Salt Lake City, UT 84115

Carol E. Hager
P.O. Box 17866
Salt Lake City, UT 84117-0866

Christ Controlled Resources Trust
34300 Lantern Bay Drive, Suite 33
Dana Point, CA 92629

Coastal Oil & Gas Corp.
P.O. Box 200682
Houston, TX 77216-0682

Craig S. Hill
10753 Varses Lane
Northglenn, CO 80234

David S. Hill
7843 S. Franklin St.
Littleton, CO 80122-3036

ATTACHMENT "A-3"

Berry Ventures, Inc.
5764 Fig Way
Arvada, CO 80002

May 1, 1997

TO: All Interest Owners

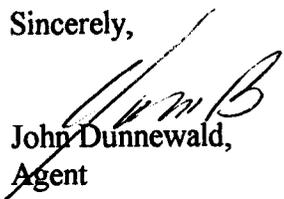
RE: Duck Creek Green River Unit
Uintah county, Utah

Gentlemen:

Berry Ventures, Inc., as operator, has filed an application for a class II injection permit and intends to convert the 9-15 GR well located in the NWNW Sec. 15, T.9S. - R.20E., to a water injection well for a planned secondary recovery project.

Should you have any questions regarding this matter, please contact us at (303) 421-6300.

Sincerely,


John Dunnewald,
Agent

JD/lh

ATTACHMENT "A-3"

Berry Ventures, Inc.
5764 Fig Way
Arvada, CO 80002

May 1, 1997

TO: All Surface Owners

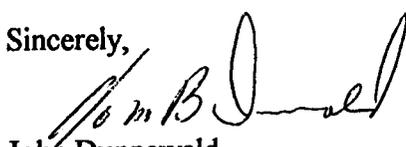
RE: Duck Creek Green River Unit
Unitah County, Utah

Gentlemen:

Berry Ventures, Inc., as Operator, has filed an application for a class II injection permit and intends to convert the 11-21 GR well located in the NE1/4NW1/4 Sec. 21, T.9S.-R.20E., to a water injection well for a planned secondary recovery project. The EPA is currently preparing a draft permit. After completing the permit the EPA will notify all of the affected parties with a copy of the public notice. At that time you will have a 30 day period in which to comment on the application.

Should you have any questions regarding this matter, please contact us at (303) 421-6300).

Sincerely,



John Dunnewald,
Agent

JD/llh

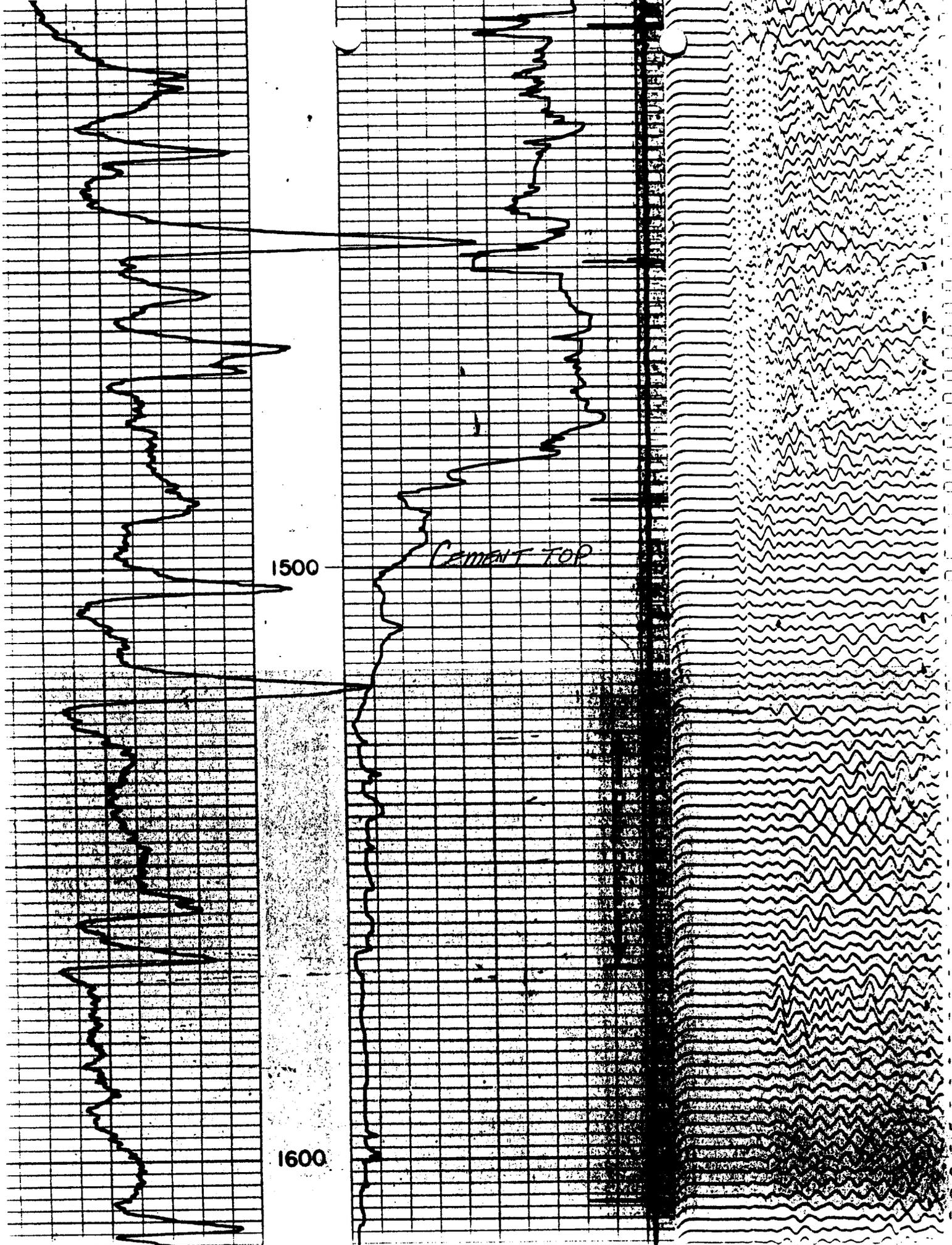


WIRELINE SERVICES
GEARHART-OWEN

RECEIVED JAN 23 1981

Gamma-Ray Cement Bond

FILING NO.	COMPANY <u>BELCO DEVELOPEMENT CORP.</u>					
	WELL <u>DUCK CREEK 17-16 GR</u>					
	FIELD <u>DUCK CREEK</u>					
	COUNTY <u>UINTAH</u>	STATE <u>UTAH</u>				
LOCATION:		OTHER SERVICES:				
SEC <u>16</u> TWP <u>9S</u> RGE <u>20E</u>		Perforate				
PERMANENT DATUM <u>G.L.</u>	ELEV <u>4768</u>	ELEV. K.B. <u>4776</u>				
LOG MEASURED FROM <u>K.B.</u>	<u>8</u> FT. ABOVE PERM. DATUM	D.P. <u>4768</u>				
DRILLING MEASURED FROM <u>K.B.</u>		O.I. <u>4768</u>				
Date	<u>1-20-81</u>	Type Fluid in Hole	<u>Diesel/water</u>			
Run No.	<u>ONE</u>	Dens. Visc.				
Depth—Driller	<u>5060</u>	Max. Rec. Temp.				
Depth—Logger	<u>5047</u>	Est. Cement Top	<u>1480</u>			
Btm. Log Interval	<u>5041</u>	Equip. Location	<u>6065 VERNAL</u>			
Top Log Interval	<u>1400</u>	Recorded By	<u>CHRISTIANSEN</u>			
Open Hole Size		Witnessed By	<u>MR. BONIE</u>			
CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prod. String	<u>5 1/2</u>	<u>#17</u>			<u>SURF.</u>	<u>5060</u>
Prod. String						
Liner						
PRIMARY CEMENTING DATA						
STRING	Surface	Protection	Production	Liner		
Vol. of cement						
Wt. of cement						
Water						
Harder by %						
Harder						
Harder by %						
Wt. of slurry						
Water loss						
mud type						
mud wt.						



1500

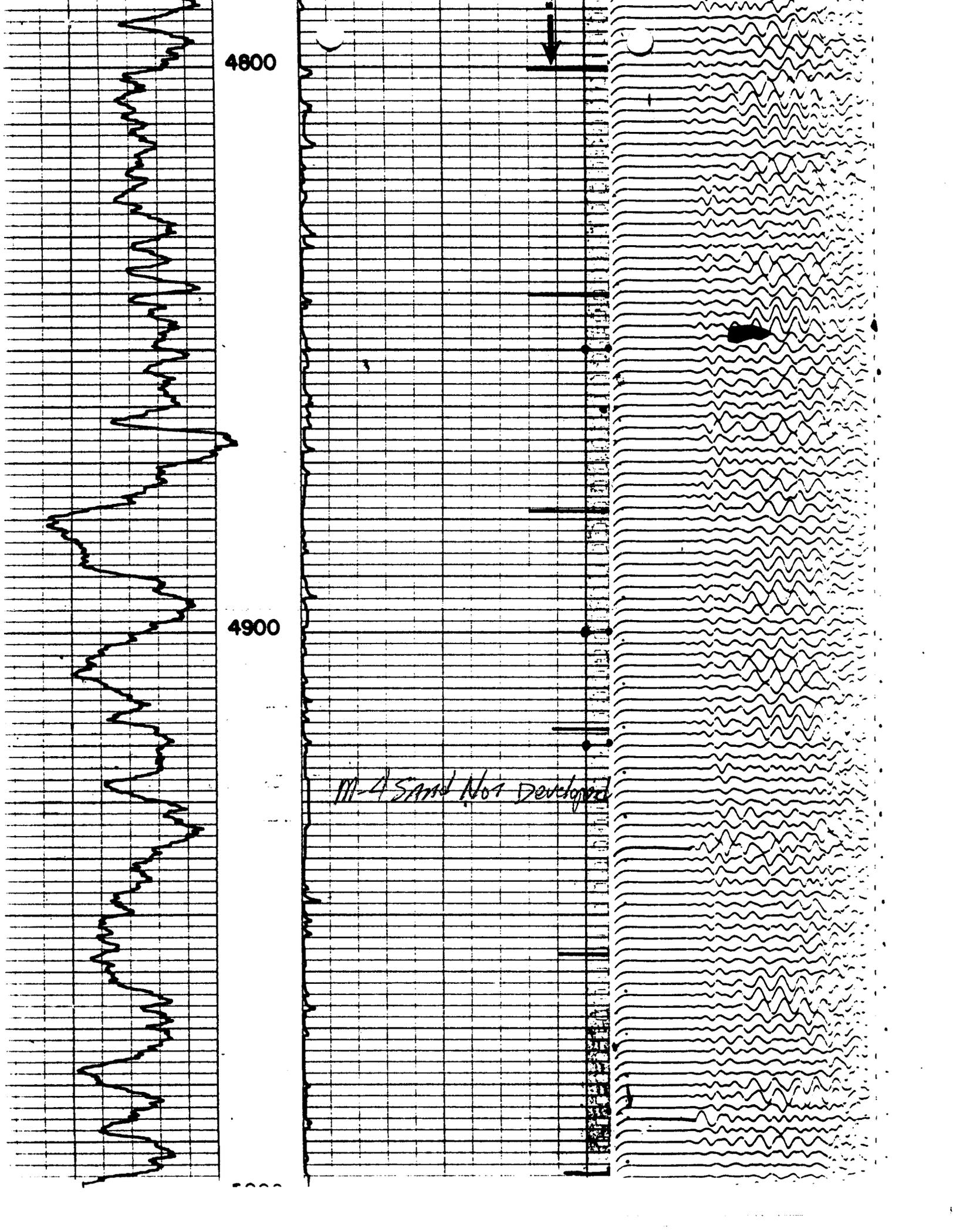
CEMENT TOP

1600

4800

4900

M-4 Sand Not Developed





RECEIVED DEC 15 1980

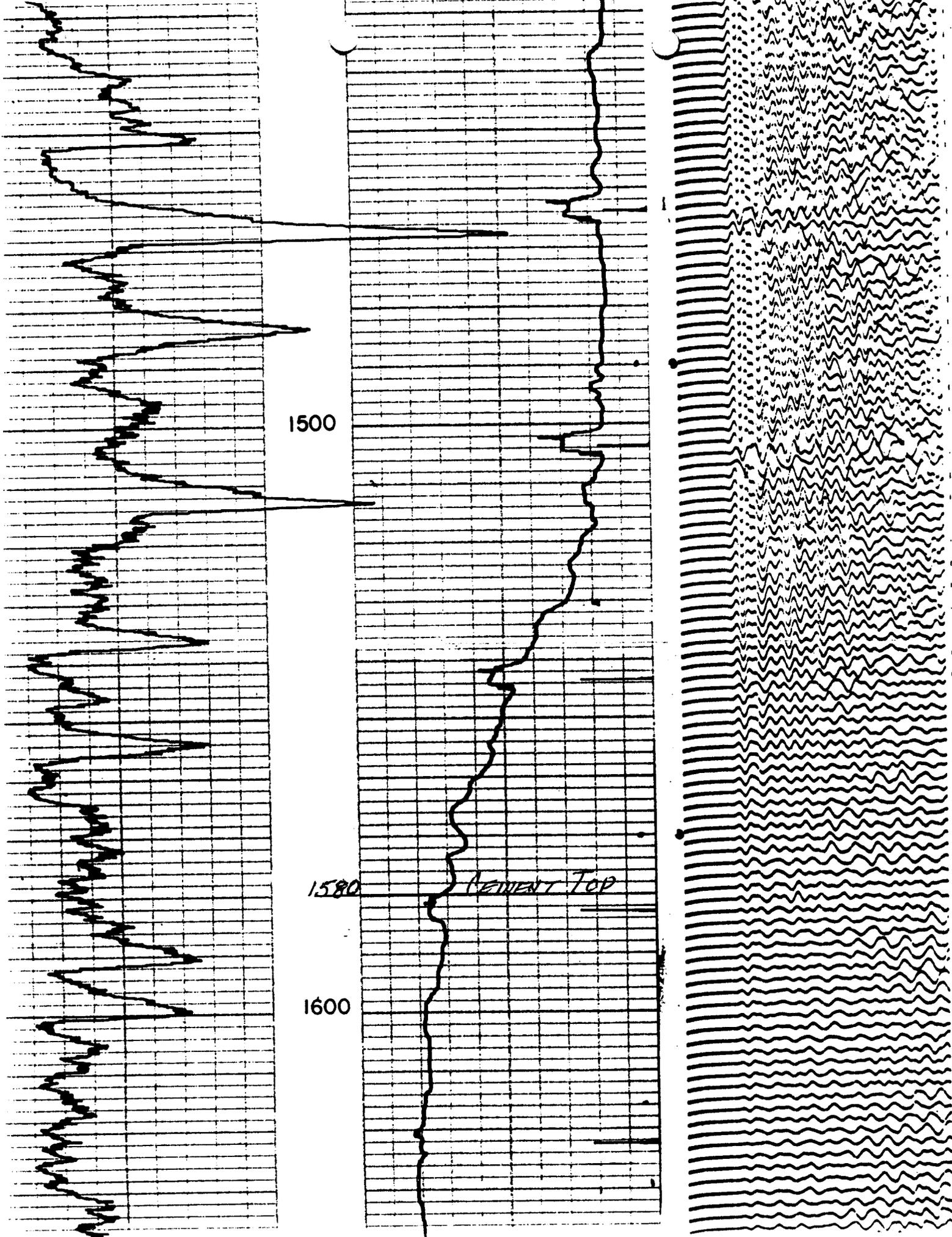
Gamma-Ray Bond Log

FILING NO.	COMPANY	BELCO PETROLEUM CORPORATION		
	WELL	DUCK CREEK # 8-16 GR		
	FIELD	DUCK CREEK		
	COUNTY	UINTAH	STATE	UTAH
LOCATION:		NE 1/4 NE 1/4 614' FNL 650' FEL	OTHER SERVICES:	
SEC		16 TWP	9S RGE	20E
			PERFORATE	

PERMANENT DATUM:	G.L.	ELEV.	4766	ELEV.: K.B.	4774
LOG MEASURED FROM	K.B.	8	FT. ABOVE PERM. DATUM	D.F.	
DRILLING MEASURED FROM	K.B.			G.I.	4766

Date	12-15-80	Type Fluid in Hole	KCL WATER			
Run No.	ONE	Dens.	Visc.			
Depth—Driller	5103	Max. Rec. Temp.				
Depth—Logger	5035	Est. Cement Top	1475			
Btm. Log Interval	5035	Equip. Location	5151	VERNAI		
Top Log Interval	1400	Recorded By	SLATKY			
Open Hole Size	8 3/4	Witnessed By	MR. BOWIE			
CASING REC.	Size	Wt. Ft	Grade	Type Joint	Top	Bottom
Surface String	9 3/8				SURF	195
Prot. String						
Prod. String	5 1/2				SURF	5106
Liner						

PRIMARY CEMENTING DATA				
STRING	Surface	Protection	Production	Liner
Vol. of cement				
Type of cement				
Additive				
Additive by %				
Retarder				
Retarder by %				
Wt. of slurry				
Water loss				
Drill. mud type				
Drilling mud wt.				

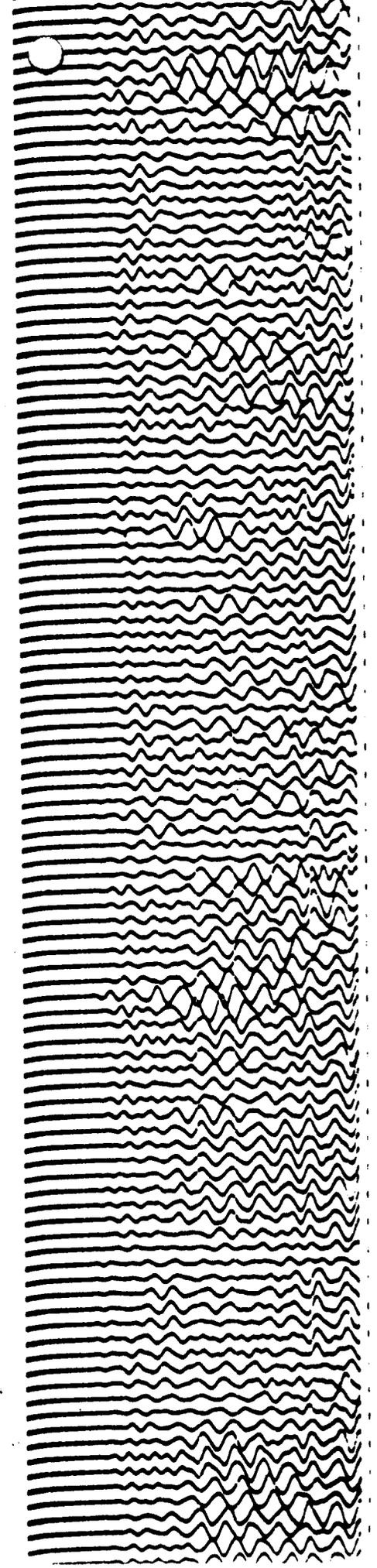
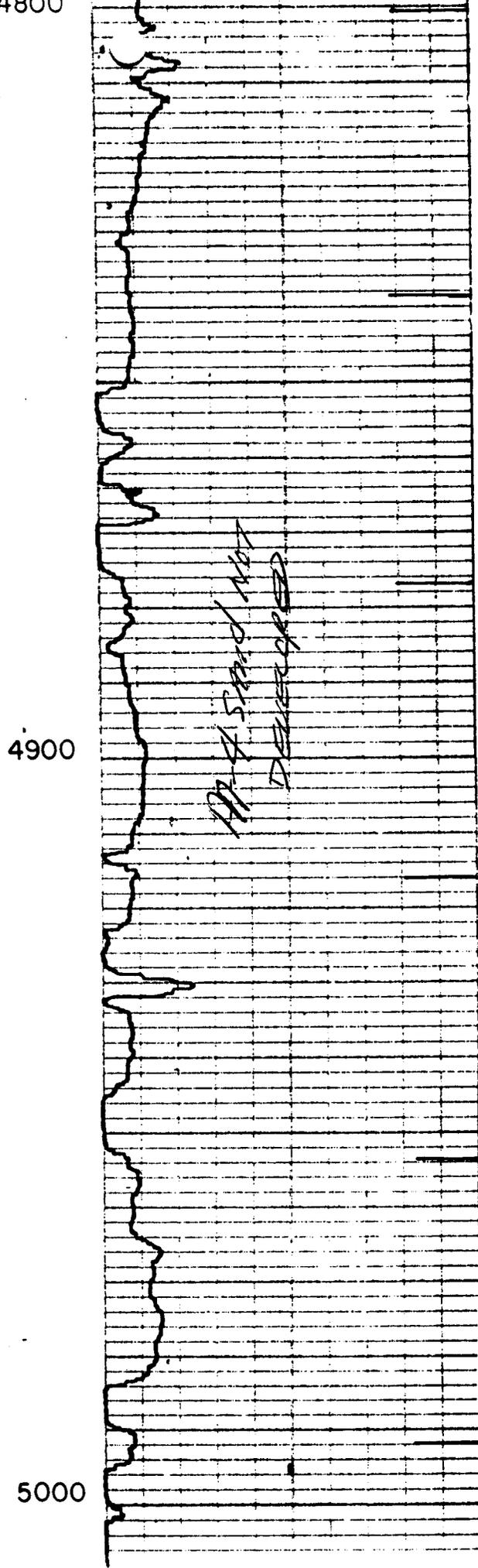
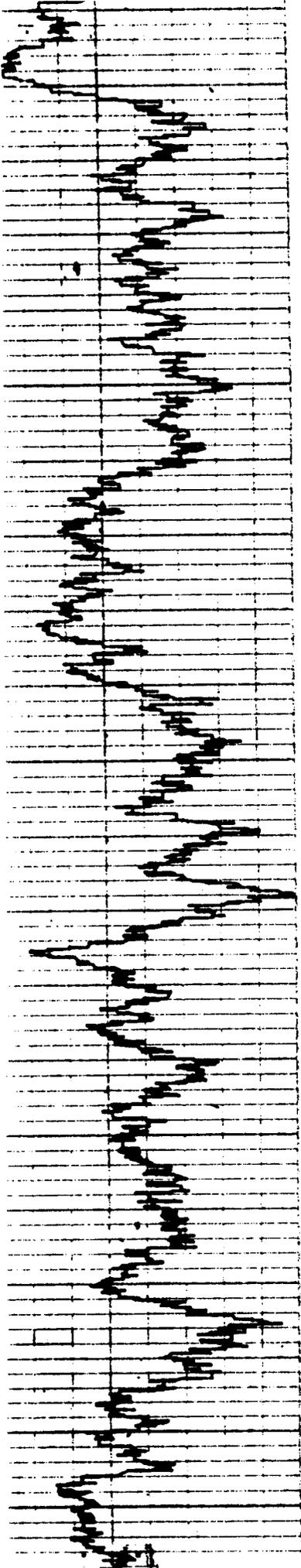


1500

1580

CEMENT TOP

1600



4800

4900

5000



WIRELINE SERVICE
GEARHART - OWEN

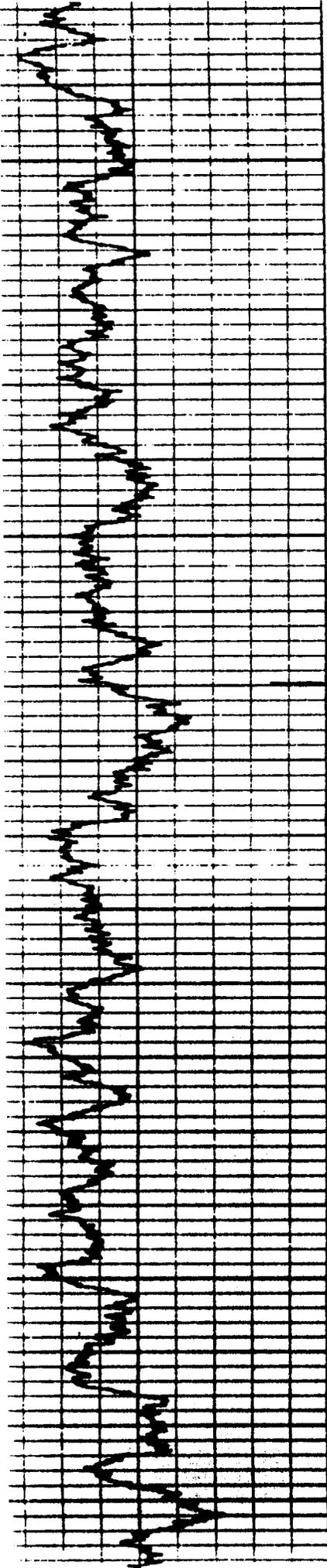
Gamma-Ray Bond Log

FILING NO.	COMPANY <u>BELCO PETROLEUM CORP.</u>	
	WELL <u>2-10G DUCK CREEK</u>	
	FIELD <u>NATURAL BUTTES</u>	
	COUNTY <u>UINTAH</u>	STATE <u>UTAH</u>
LOCATION:		OTHER SERVICES:
SEC. <u>10</u> TWP. <u>9S</u> RGE. <u>20E</u>		

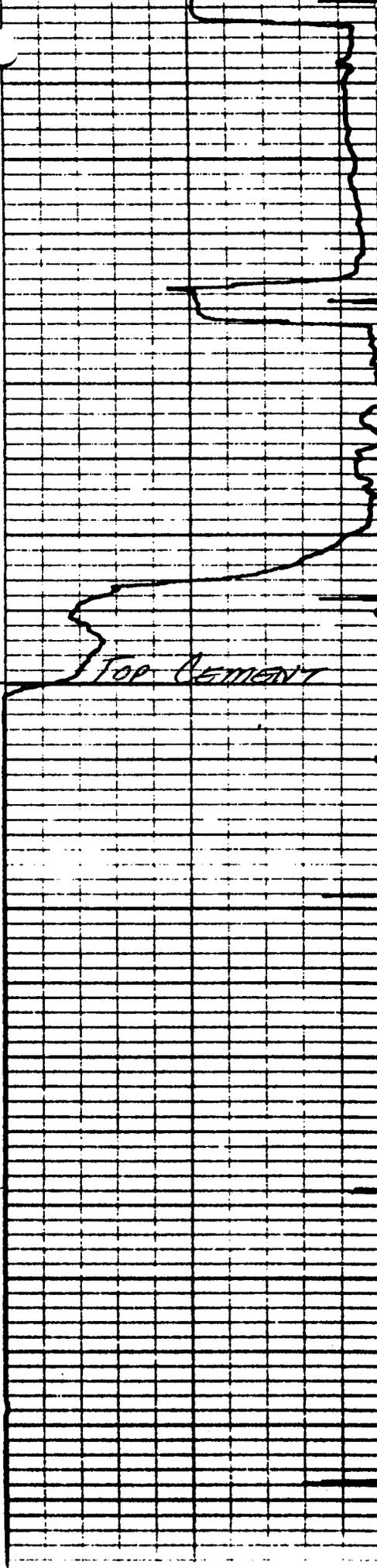
PERMANENT DATUM: <u>GL</u> ELEV. <u>4746</u>	ELEV.: K.B. <u>4758</u>
LOG MEASURED FROM <u>KB</u> <u>12</u> FT. ABOVE PERM. DATUM	D.F. <u>4757</u>
DRILLING MEASURED FROM <u>KB</u>	G.L. <u>4746</u>

Date	<u>9-29-78</u>		
Run No.	<u>ONE</u>		
Type Log	<u>G/R CBL</u>		
Depth-Driller	<u>7810</u>		
Depth-Logger	<u>7222</u>		
Bottom logged interval	<u>7222</u>		
Top logged interval	<u>2100</u>		
Type fluid in hole	<u>WATER</u>		
Max rec. temp., deg. F.			
Operating rig time			
Recorded by	<u>MCCARLEY</u>		
Witnessed by	<u>MR. HARMON</u>		

Tubing-Liner Record				Casing Record			
Size	Wgt.	From	To	Size	Wgt.	From	To
		Tubing		9 5/8	36#	0	207
				4 1/2	11.6#	0	7318
		Liner					

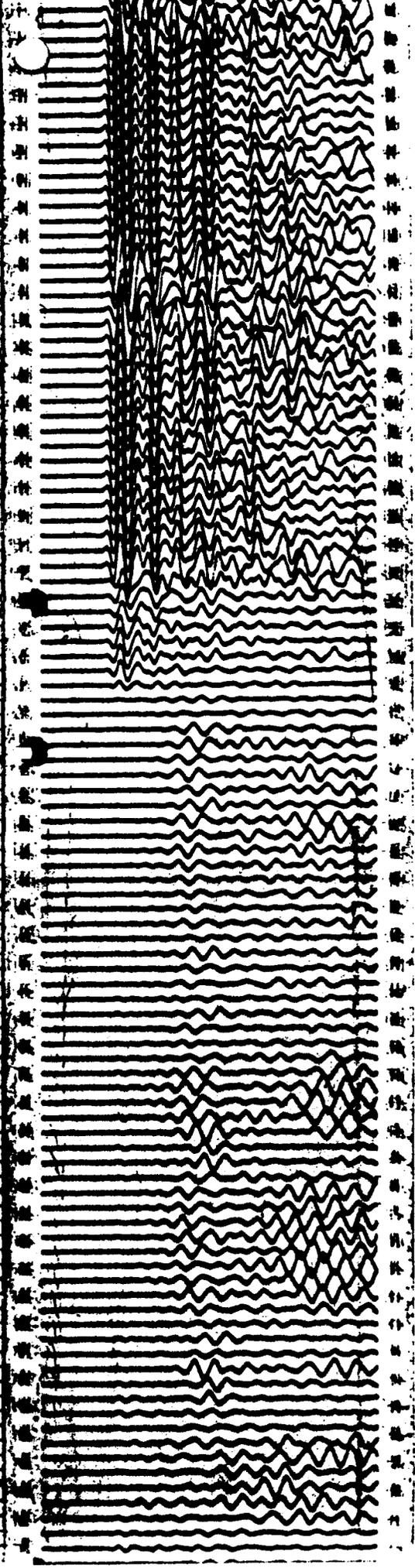


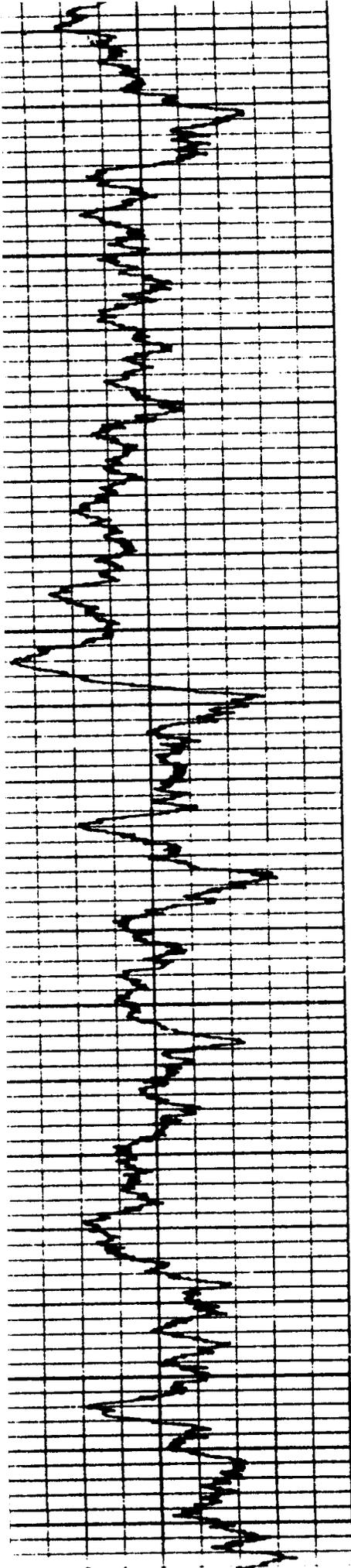
2400



Top Cement

2500

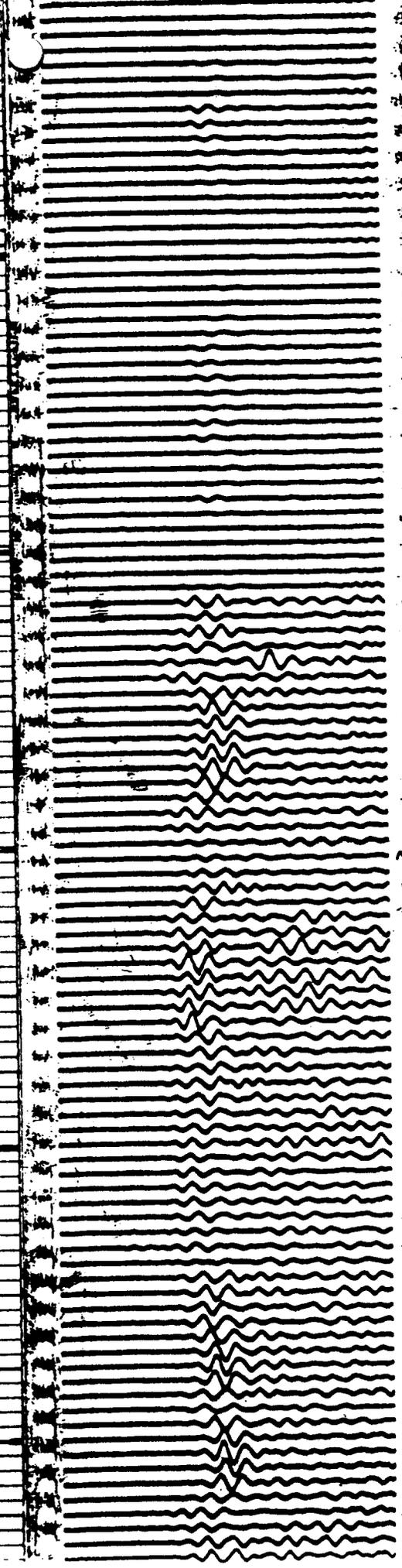


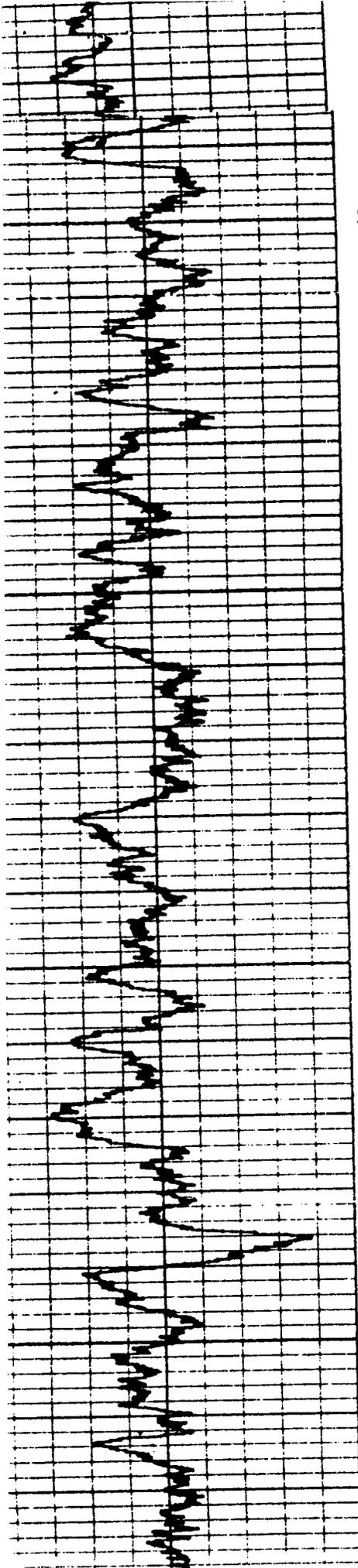


4800

4900

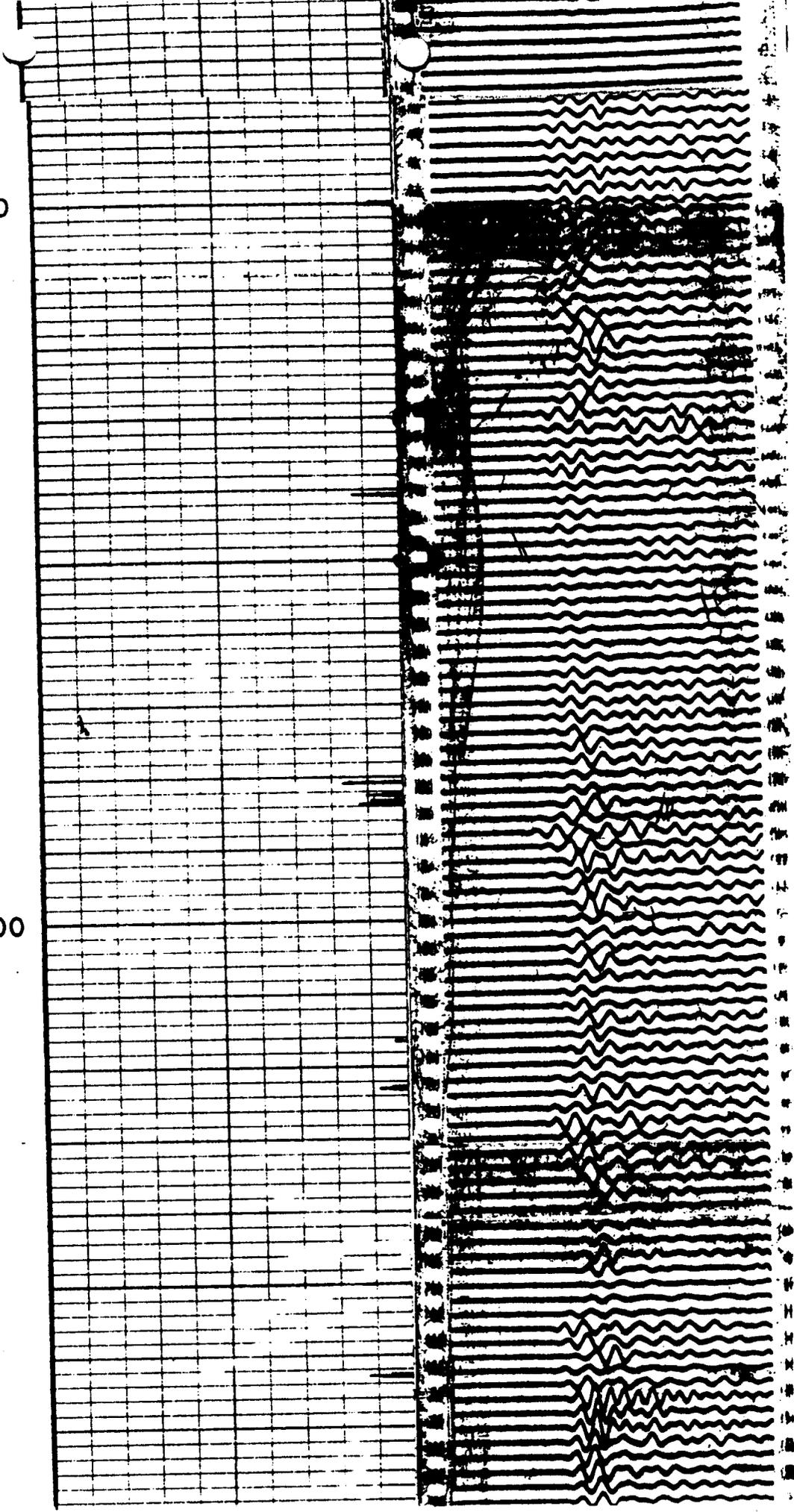
MR. STAN
1/13/72 DEW/PSD





5000

5100





WIRESERVICE
GEARHART-OWEN

RECEIVED JAN 12 1981

Gamma-Ray Bond Log

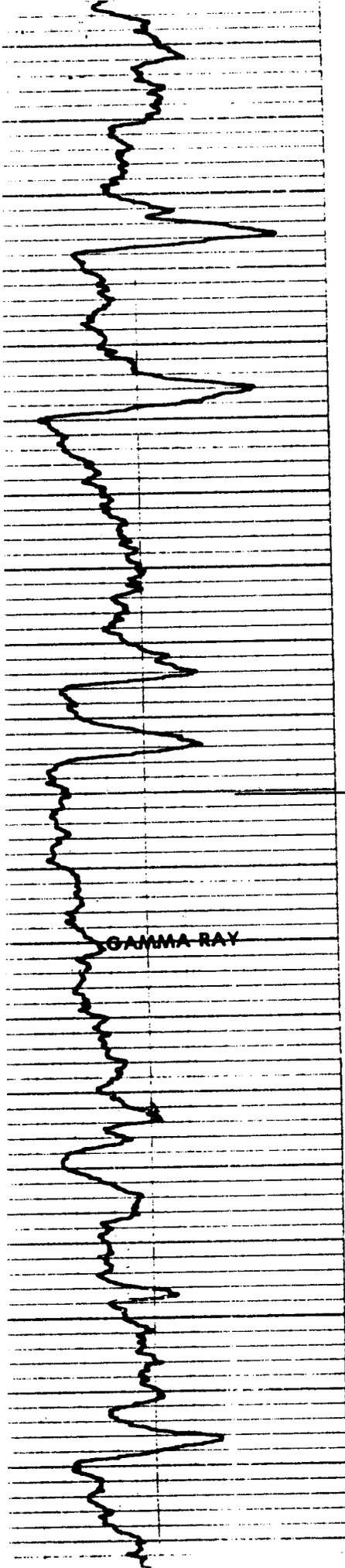
FILING NO.	COMPANY	BELCO DEVELOPMENT CORPORATION		
	WELL	DUCK CREEK #20-9 GR		
	FIELD	DUCK CREEK		
	COUNTY	UINTAH	STATE	UTAH
LOCATION:				OTHER SERVICES:
SEC. 9 TWP. 9S RGE 20E				PERFORATE

PERMANENT DATUM:	G.L.	ELEV.	4752	ELEV.: K.B.	4760
LOG MEASURED FROM	K.B.	8	FT. ABOVE PERM. DATUM	D.F.	
DRILLING MEASURED FROM	K.B.			G.L.	4752

Date	1-8-81	Type Fluid in Hole	COND. DIESEL
Run No.	ONE	Dens. Visc.	
Depth—Driller	5071	Max. Rec. Temp.	
Depth—Logger	5071	Est. Cement Top	1600
Btm. Log Interval	5062	Equip. Location	6065 VERNAL
Top Log Interval	1400	Recorded By	CHRISTIANSEN
Open Hole Size		Witnessed By	MR. BOWIE

CASING REC.	Size	Wt./Ft	Grade	Type Joint	Top	Bottom
Surface String	9 5/8				SURE	194
Prot. String	5 1/2	17#			SURE	5071
Prod. String						
Liner						

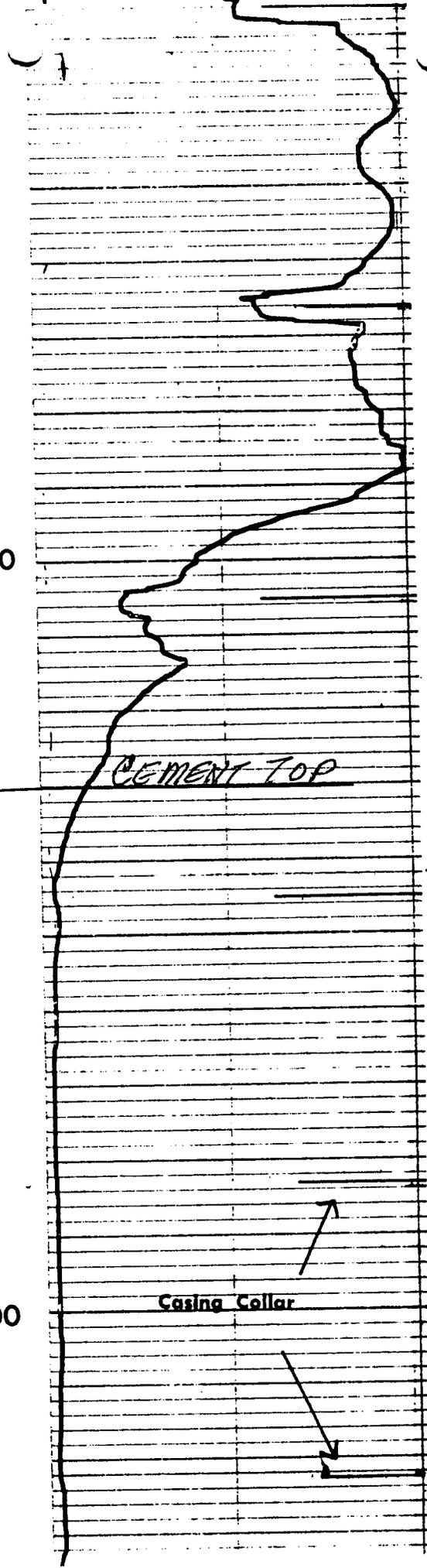
PRIMARY CEMENTING DATA				
STRING	Surface	Protection	Production	Liner
Vol. of cement				
Type of cement				
Additive				
Additive by %				
Retarder				
Retarder by %				
Wt. of slurry				
Water loss				
Drill. mud type				
Drilling mud wt.				



GAMMA RAY

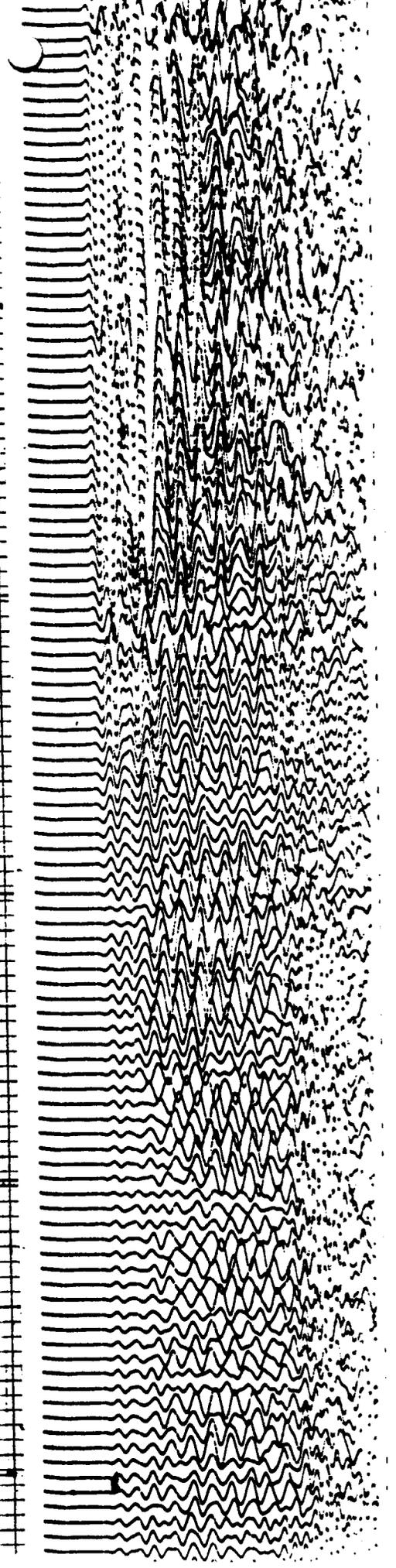
1600

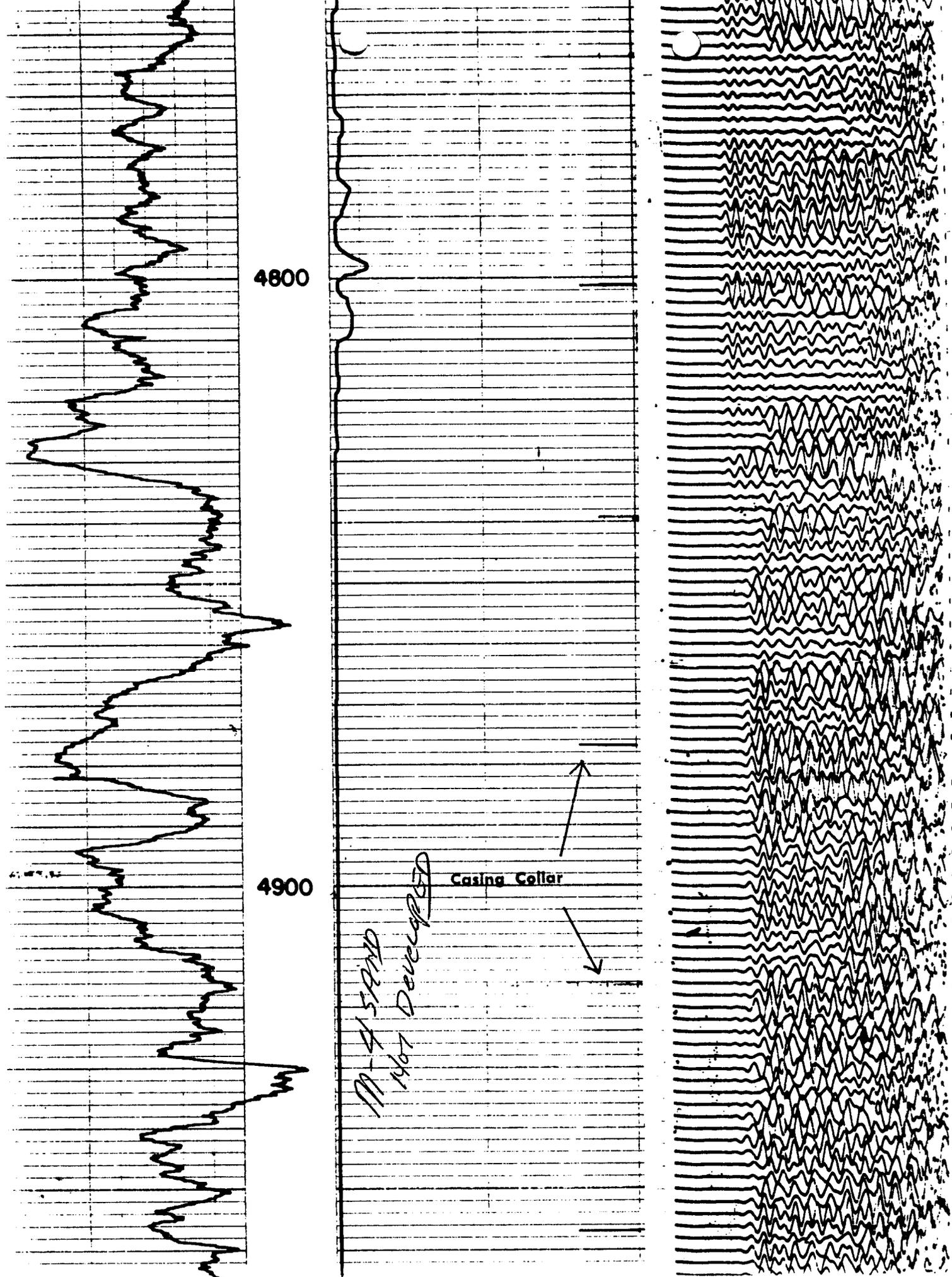
1700

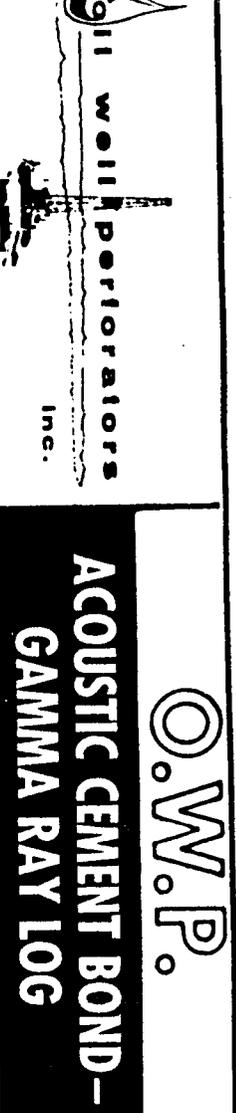


CEMENT TOP

Casing Collar







O.W.P.
ACOUSTIC CEMENT BOND-
GAMMA RAY LOG

COMPANY BELCO PETROLEUM CORPORATION
 WELL NATURAL DUCK
 FIELD NATURAL DUCK
 COUNTY UINTAH
 STATE UTAH

COMPANY BELCO PETROLEUM CORPORATION
 WELL NATURAL DUCK 9-15 GR
 FIELD NATURAL DUCK
 COUNTY UINTAH STATE UTAH

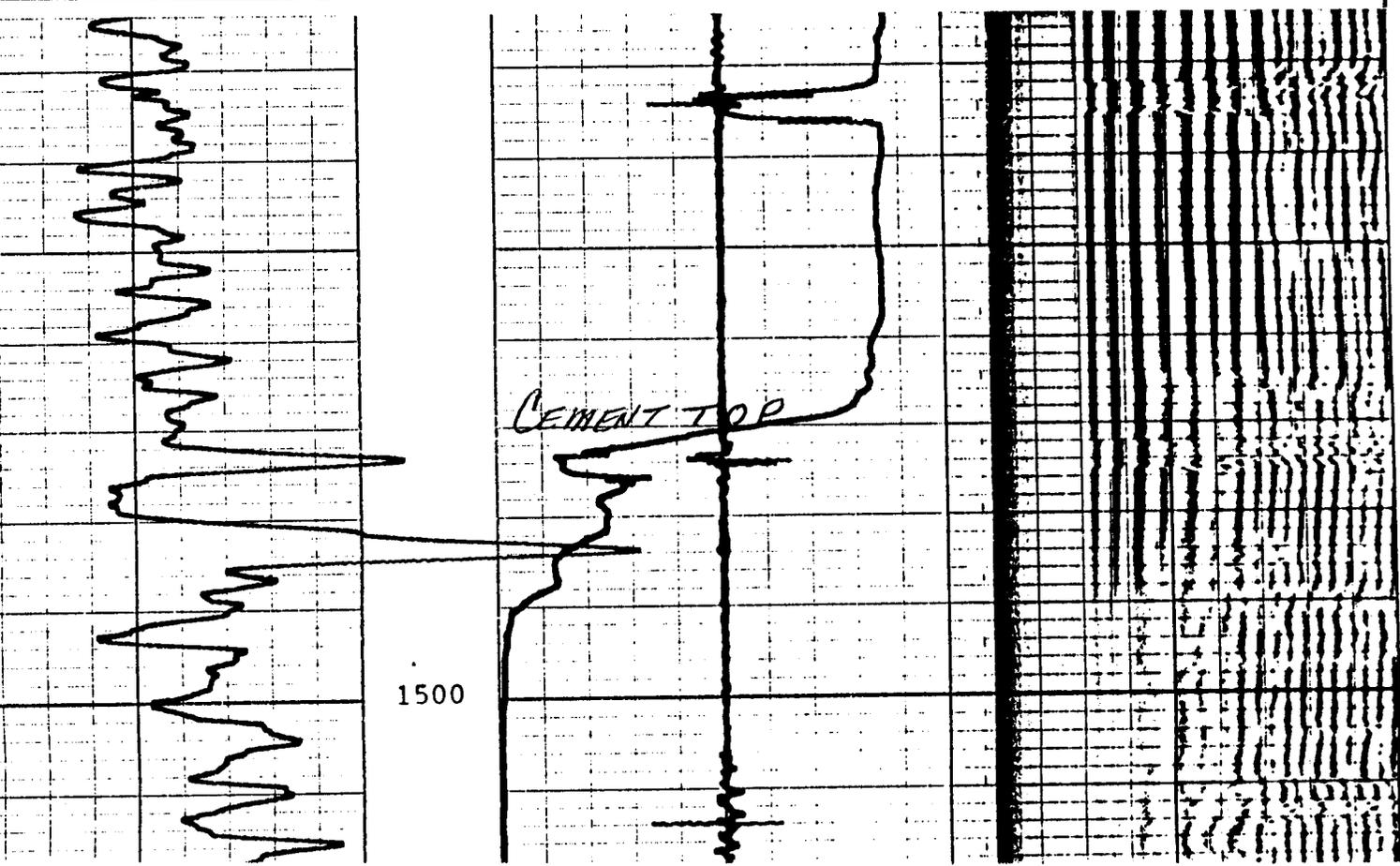
Location 767' FWL
585' FNL
NW¹/₄ NW¹/₄

Sec. 15 Twp 9S Rge 20E

Elevation KB. 4771
DF. 4759
GL. 4759

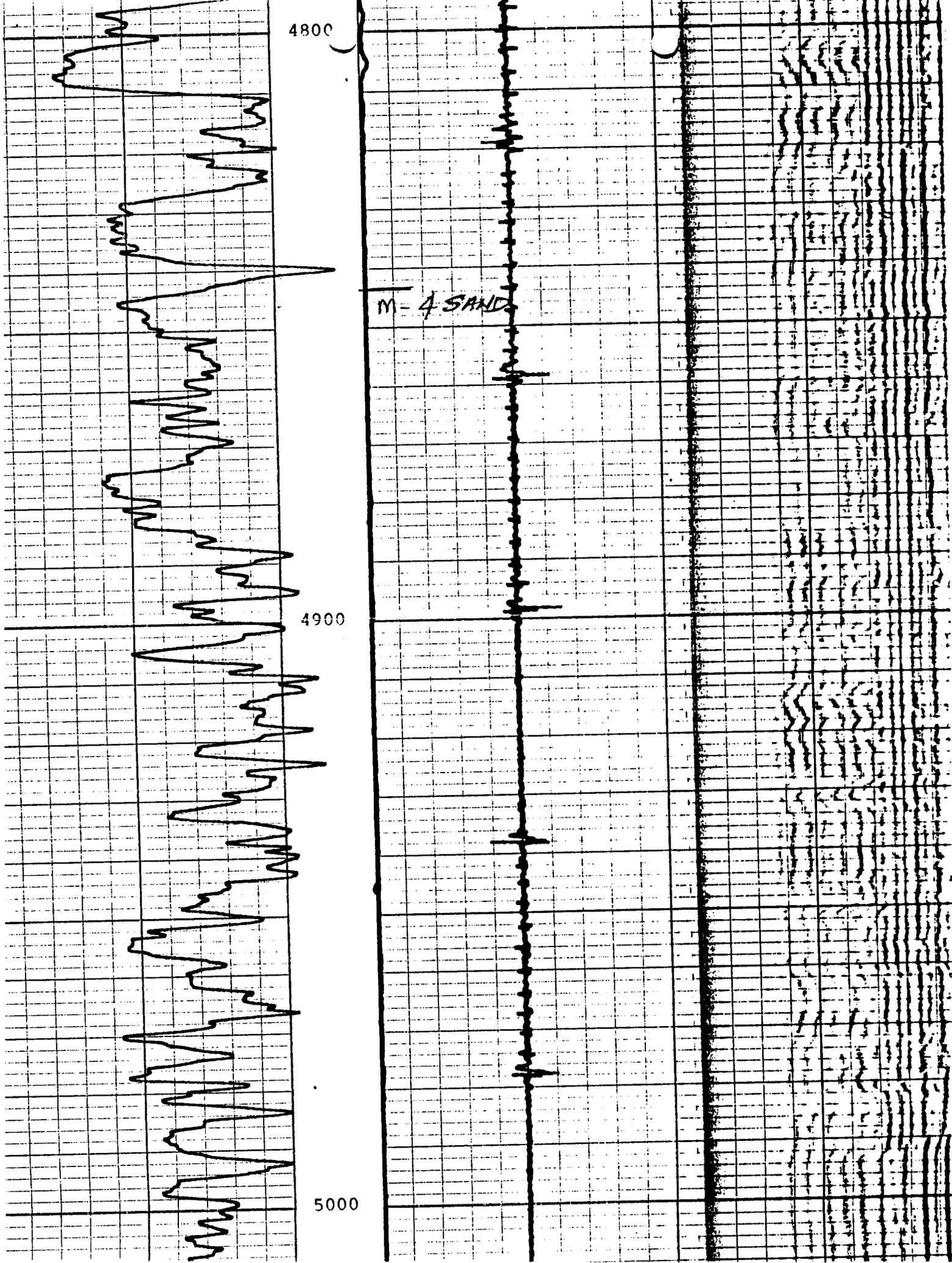
Cementation Datum GROUND LEVEL Elev. 4759
 Log Measured From KELLY BUSHING 12' ABOVE GROUND
 Drilling Measured From KELLY BUSHING

Log No.	Driller	Present Depth	Special Depth	Survey Begins	Survey Ends	Druck No.	Location	Type Fluid	Salinity	Weight	Fluid Level	Max. Hole Temp.	Recorded By	Witnessed By
ONE	GAMMA RAY	5050		5046	1300	533	S.C.B.L.	WATER		FULL W/1000 P.S.T.			WAMBOLT	MR. SCHOTZ
10-16-80														
5098														



BORE HOLE RECORD
 From To Size Wat. From To

CASING RECORD
 From To



4800

M-4 SAND

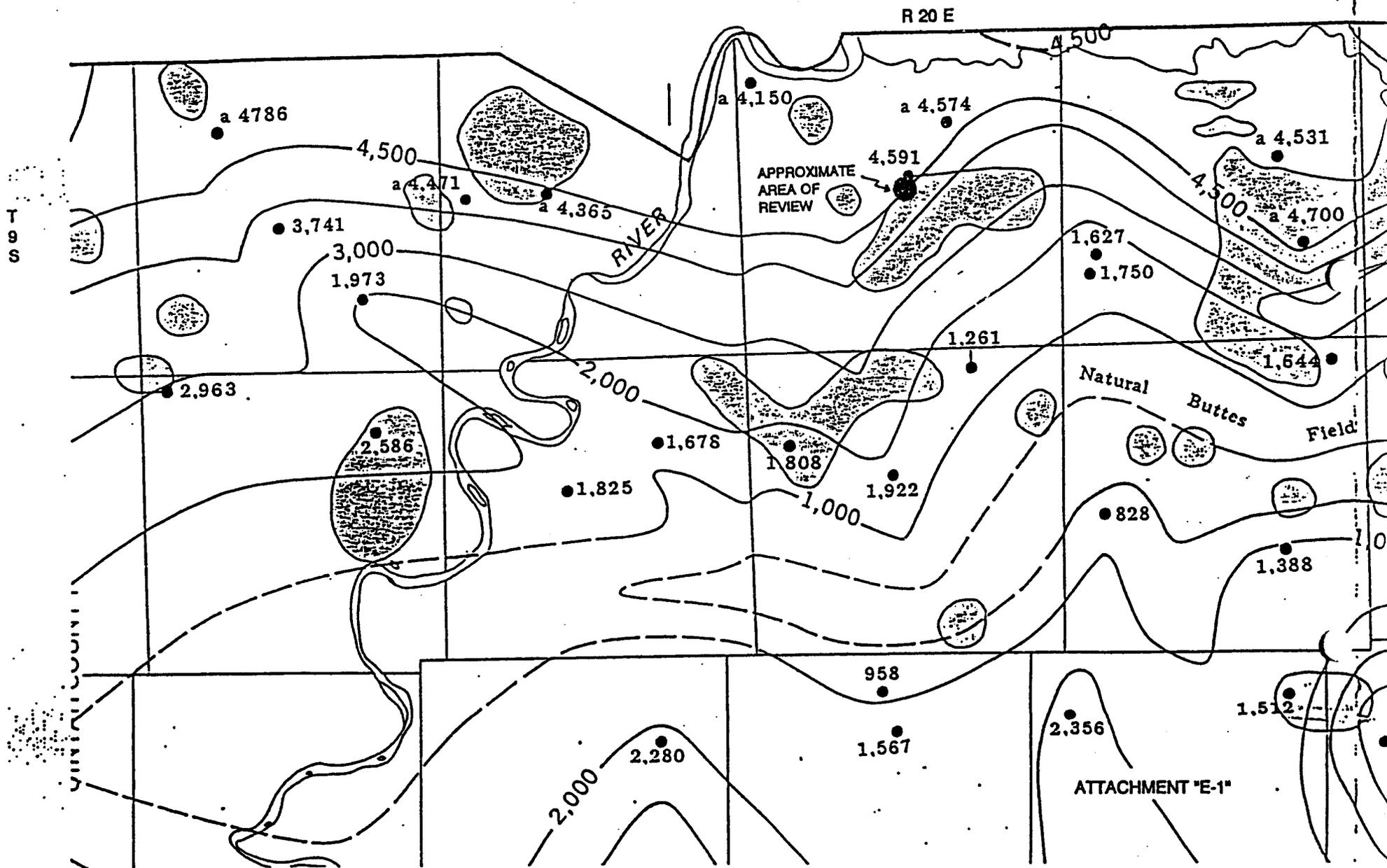
4900

5000

ATTACHMENT "E"

NAME & DEPTH OF USDW'S

No apparent USDW'S are present in the area of review. Technical Publication No. 92 by the State of Utah Department of Natural Resources entitled the "Base of Moderately Saline Ground Water in the Uintah Basin, Utah", was extremely useful in determining the absence of any USDW's in the area of review. Attachment "E-1" shows the elevation of the base of moderately saline ($\leq 10,000$ ppm) ground water in the area of review is above +4574' subsea. The average ground elevation in the area of review is +4850'. Therefore, the expected base of the moderately saline ground water is above 276' measured depth in the well bores. Surface casing on all wells in the area of review was set to 190-213'. In order to verify the high salinity, the resistivity ratio method was used to calculate an apparent water resistivity in the sands in the Uintah formation. The results of this evaluation (Attachment "E-2") indicates TDS readings of 68,000 to 125,000 ppm. In addition, no apparent USDW's were found in the underlying Green River formation. Both of these findings were supported by the text of the previously mentioned technical publications as shown on attachment "E-3".



ATTACHMENT "E-2"

<u>WELL</u>	<u>KB</u>	<u>ESTIMATED BASE OF MSGW*</u>	<u>DEPTH IN WELLBORE</u>	<u>SURFACE CASING</u>	<u>DEPTH SAND(S)</u>	<u>BHT</u>	<u>R_{wf}</u>	<u>R_{sp} R_f</u>	<u>R_w</u>	<u>TDS</u>
#2-15GR	4882	4574 or higher	308'	190'	230' 308'	64' 65'	.048 .047	⁴ / ₆ ^{3.9} / ₁₀	.072 .080	125,000 105,000
#5-15GR	4838	4574	264'	206'	298'	65'	.051	¹² / ₂₀	.085	95,000
#6-15GR	4808	4574	234'	192'	256'	64'	.073	⁸ / ₁₂	.110	72,000
#14-16GR	4881	4574	307'	209'	307'	65'	.052	¹⁰ / ₁₆	.083	100,000
#1-22-9-20GR*	4905	4574	331'	213'	287'	65'	.082	²⁰ / ₂₉	.119	68,000

* This well has an SP curve. There appears to be positive deflection of the SP curve (to the right), indicating that the mud filtrate is saltier than the formation water, which is the case. Also, the R_w calculated from the SP method agrees with the R_w calculated from the resistivity ratio method. There are no other zones in the Uintah or Upper Green River that exhibit significant SP deflection.

intervals may have a total thickness, including both permeable and intervening relatively impermeable beds, of as much as several hundred feet.

The Duchesne River Formation apparently contains mostly fresh water. Of 63 analyses, only 4 in U(C-1-2)28 indicated saline to briny water of sodium chloride type, and only 1 indicated slightly to moderately saline water of sodium sulfate type water. Thirty-two analyses were of calcium magnesium bicarbonate carbonate water; 7, calcium magnesium sulfate water; and 17, sodium bicarbonate water. The information available was insufficient to determine areal or vertical distribution of water types.

Much of the Uinta Formation contains fresh to moderately saline water except within the area underlain by the mounds of very saline to briny water (pls. 1 and 2). Within those areas, the Uinta Formation generally contains fresh to moderately saline water where it is within 3,000 to 5,000 feet of the land surface except over the highest parts of the mounds. About one-third of the analyses were of sodium bicarbonate type water, about one-fifth each were calcium magnesium bicarbonate, calcium magnesium sulfate, and sodium sulfate type water; the rest of the analyses indicated sodium chloride type water. Again, no areal or vertical pattern of distribution of water types was discerned except that the greater the depth of the interval sampled, the greater the probability that the water is of sodium chloride type, that between Myton and Bluebell the water is of calcium magnesium sulfate type, and that in two areas very saline to briny water seemed to occur in northwest to southeast linear or slightly arcuate trends at a shallower depth (900 to 4,000 feet) than elsewhere. These trends, which are sub-parallel to major fracture systems in the basin, run from approximately U(C-3-6)12 through U(C-4-5)14 to U(C-5-4)13 and (D-5-20)13 through (D-6-21)27 toward (D-7-22)14. In the first of these trends, the water is of sodium bicarbonate type to the northwest and sodium chloride type to the southeast, whereas in the second trend all the water is of sodium chloride type.

Where the Green River Formation is within 3,000 feet of the land surface, most of the water is fresh to moderately saline except where the saline facies still contains undissolved evaporite minerals. Within the area underlain by the large mound shown on plate 1 and the northern part of plate 2, the formation contains very saline to briny water to its top. In the area underlain by the large southern mound, shown on plate 2, the Green River Formation commonly is exposed at land surface and contains very saline to briny water to within less than 1,000 feet of land surface only where the crest of the mound is above an altitude of 5,000 feet. Sodium bicarbonate type water is widely distributed, whereas sodium sulfate type water has been reported from only a few areas, all less than 3,000 feet in depth. More than one-third of the analyses of sodium sulfate type water are from springs. Calcium magnesium bicarbonate type water has been reported from a few sites, about one-half of them springs. Calcium magnesium sulfate type water also has been reported from a few places, almost all of them springs. No sodium chloride type water was found above a depth of 2,300 feet (it was found at that depth in U(C-3-5)). This type of water generally is at depths of 6,000 to 10,000 feet in the greater Altamont-Bluebell field and from a depth of almost 8,000 feet in (D-5-20), about 10 miles southwest of Vernal, to about 3,600 feet in the eastern part of the Red Wash field (D-7-24).

ATTACHMENT "G"

The Tertiary Green River "M-4" sand, the injection zone, averages 9.4' in thickness and is found at an average depth of 4810' in the area of the Duck Creek Green River Unit located in sections 15, 16, 21 and 22 Township 9S, Range 20E, Uintah County, Utah. The "M-4" sand is a light gray, medium to fine grained, poorly sorted sandstone. The "M-4" is overlain by a 40' thick shale and underlain by a thick sequence of interbedded shales and sandstone. Attachment "G-1" is a copy of the 11-21 Density-Neutron log across the "M-4" sand.

No data is available on the confining zones fracture pressure, so the fracture pressure of the "M-4" sand was determined from the ISIP after a frac job on the Natural Duck #2-15 GR. The ISIP of 2250 psig (Attachment "G-2") results in a gradient of .90 psi/ft. which is consistent with Lomax's operations at the Monument Butte Unit, located in T8S-R16E. It should be noted that there are not any identifiable USDW's in the area of review. Based on this information, Berry Ventures, Inc., hereby requests that the maximum surface injection pressure be 1790 PSI which is below the calculated fracture pressure and the same as the pressure authorized for the two previously permitted injection wells. Attachment "G-3" is a produced water analysis from the "M-4" sand in the Natural Duck #1-15, located in the NE SW 15-9S-20E.

Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-
FORMATION DENSITY

ATTACHMENT "G" 1

COMPANY RESCO PETROLEUM CORPORATION

WELL NATURAL DUCK 9-15 GR

FIELD NATURAL DUCK

COUNTY QUINTAH STATE UTAH

767 FWL
585 FNL
NW/4, NW/4

API SERIAL NO. 15 SEC. 95 TWP. 9S RANGE 20E

Other Services:
ALLGR
CYBERLOOK

Permanent Datum: GROUND LEVEL; Elev.: 4259

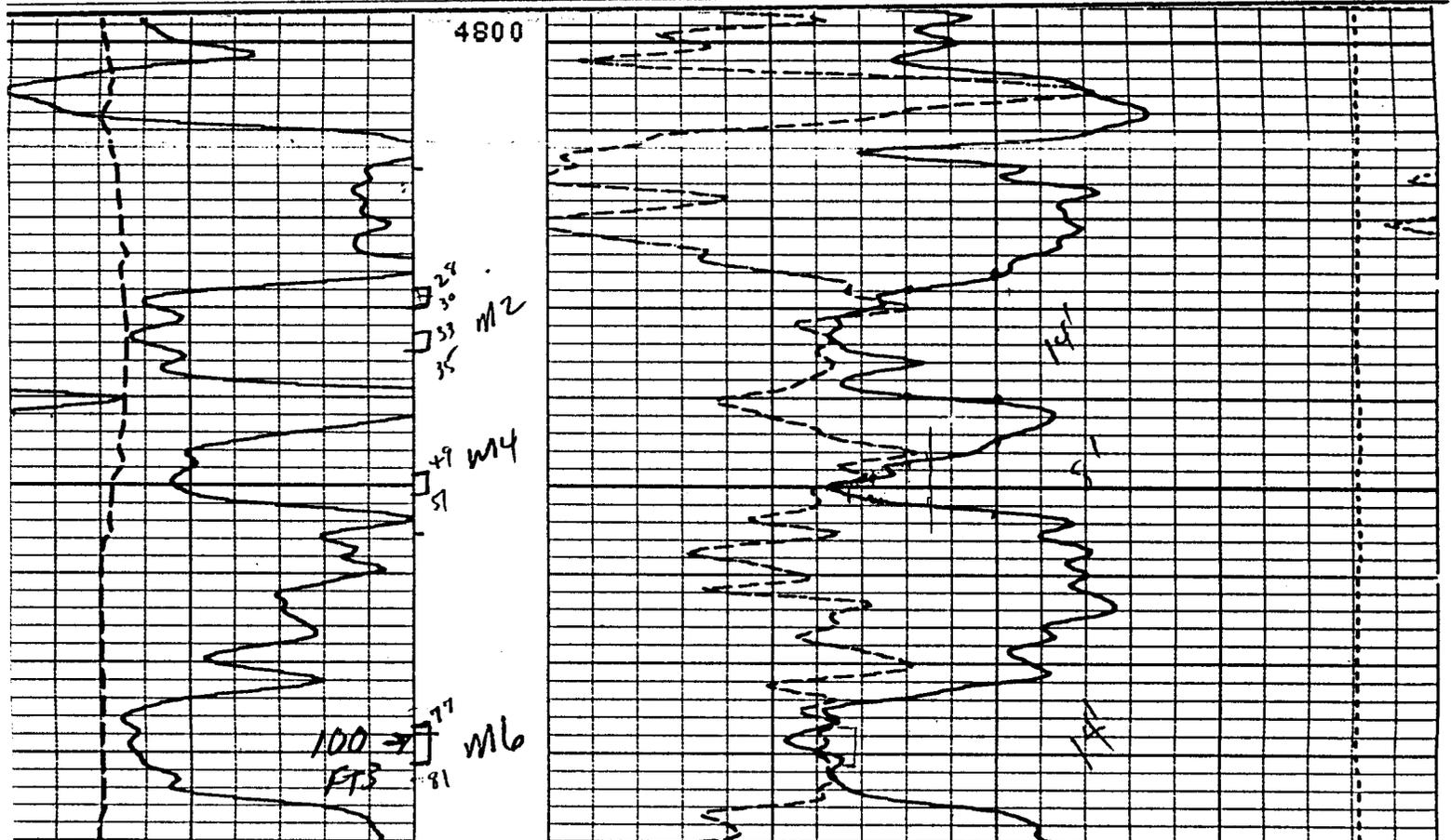
Logging Measured From KB; 12 Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: KB 4771
D.F. -
G.L. 4759

Time	9-17-80								
Run No.	01E								
Depth	5098 (STRAP)								
Depth-Logger	5101								
Log Interval	5098								
Log Interval	3/93 (SEE REMARKS)								
Logging-Driller	958 @ 197								
Logging-Logger	198								
Size	8 3/4								
Fluid in Hole	SALT MUD								
Visc.	10.1	28							
Fluid Loss	9.0	9.8	ml						
Source of Sample	FLUID LINE								
Temp.	049 @ 88								
Temp.	045 @ 69								
Temp.	074 @ 88								
Rmf	A	C							
BHT	034 @ 130								
Stopped	9-16 @ 2200								
Bottom	9-17 @ 0630								

The well name, location and borehole reference data were furnished by the customer.

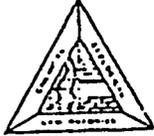


ATTACHMENT "G-2"

- 7/24/79 Rigged up and ran 4 3/4" bit & csg scraper to 4000' on 2 7/8" Hauled 2 tanks to location.
AFE (completion) \$370,000
Cost to date \$186,211
- 7/25/79 Finish TIH w/bit, csg scraper & 2 7/8" tbg from 4000' to 5012'. Displaced hole w/1/3 cond, 2/3 #2 diesel mixture. POH w/tbg. SDFN
Cost to date \$187,515
- 7/26/79 GO Int ran cement bond logging tool to 4986'. Pressured up to 1000 PSI on csg & logged out of hole. Good bonding from 4986 to top of cement @ 2240'. Press tested csg to 3000' & and held for 15 min, OK. Correlated bond log w/Density Neutron, good correlation. Ran perf gun 4 1/2" down hole & shot 6 hole (1/4") from 4830' to 4833' and 10 holes from 4837-4842' w/19 gram DML charges, 1 misfire. POH & ran Otis 5 1/2" MHF pkr and 20 jts. SDFN.
AFE (completion) \$370,000
Cost to date \$198,769
- 7/27/79 No tbg or csg press. TIH tbg & pkr. Set pkr @ 4792'. Set 15,000# on pkr. Swabbed 27 BBLs cond/diesel, hole was dry. Waited one hr and swabbed 1 BBL fluid, caught a sample. Waited 1 1/2 hrs and swabbed 1 1/2 BBLs fluid. In 1 hr swabbed 1/2 BBL. Waited 1 hr, swabbed 1/2 BBL. SDFN. Caught fluid sample. At 7:30 this A.M. small blow, fluid level @ 2000'. Swabbed from 4600'. Flowed 15 BBLs overnight.
AFE (completion) \$370,000 Cost to date \$206,737
- 7/28/79 7:30 A.M. light gas blow, 15 BBLs in 13 hrs. Tagged fluid @ 2000', pulled from 4600'. 8 swab runs in 6 1/2 hrs. 12 SELS rec. BS&W 4-8%, BS 4-1%
Released pkr, reset @ 4666'. Bottom of tail pipe @ 4697'. HOWCO assembled flow lines & equip, ready to frac @ 4:20 PM. Tested flow lines, repaired 1 small leak & started frac @ 4:37 P.M. Pumped 22,850 gal fluid (1/3 cond, 2/3 diesel, 2 gal/1000 gal Hy-Flo III, 20#/1000 gal Adomite Aqua & 5 gal/1000 gal FR-5). Had to use FR-5 to reduce friction press. FR-5 allowed increase of 5 BPM, 12,000# 20/40 sand & 4000# 10/20 sand in 2 stages. Frac perf 4830-4842', 16 holes
Pumped 2500 gals pad
2000 gals 1/2" 20/40 sand (1000);
2000 gals 1# 20/40 sand (2000)
2000 gals 1 1/2# 20/40 sand (3000)
2000 gals 1# 10/20 sand (1000)
Dropped 6 balls, repeated above then flushed w/1850 gals. ISIP-2250, 5 min SIP-1810, 10 min SIP-1710, 15 min SIP-1620 20 min SIP-1550. Avg rate 15 BPM, avg PSI 4000, Avg HP 1471. Max rate 19 BPM, Max PSI 4220, total sand 16,000#, total fluid 22,850 gals, total BBLs 544. Let press on tbg drop to 600 PSI (7-hrs). Opened to tank & died after producing one ft into tank, 20 BBLs in 1 hr. This A.M. tagged fluid surface, 1 swab run from 2500'. Well started to 60 BBLs in 1 1/2 hrs on 48/64 choke. TP-60, 80 BBLs rec.
AFE (completion) \$370,000
Cost to date \$218,852

ATTACHMENT "G-3"

REV. 1969



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Belco Petroleum Co.
 OPERATOR Belco Petroleum Co.
 WELL NO. Natural Duck 1-15
 FIELD _____
 COUNTY Uintah
 STATE Utah

LAB NO. 28345 REPORT NO. _____
 LOCATION Sec. 15-9S-20E
 FORMATION Green River
 INTERVAL _____
 SAMPLE FROM Produced water
 DATE August 18, 1969

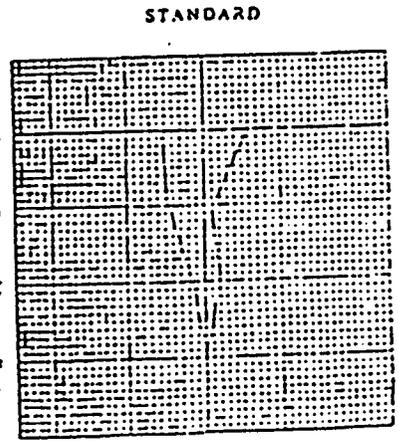
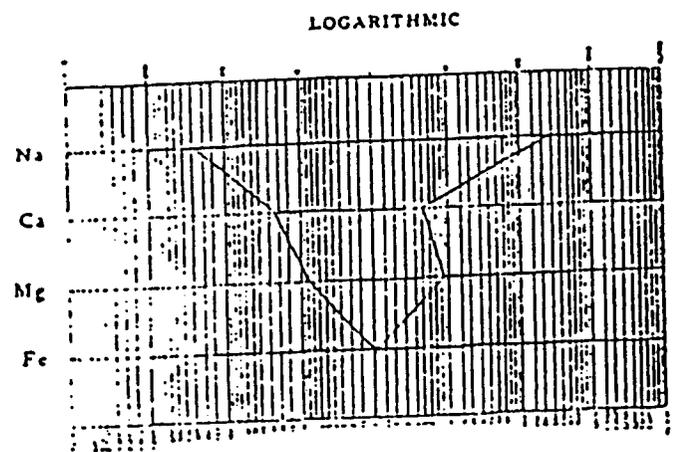
REMARKS & CONCLUSIONS: _____

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	6495	282.54	Sulfate	410	8.53
Potassium	80	2.05	Chloride	10700	211.75
Lithium	-	-	Carbonate	-	-
Calcium	464	23.15	Bicarbonate	317	5.20
Magnesium	94	7.73	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		315.47	Total Anions		315.47

Total dissolved solids, mg/l	18399	Specific resistance @ 68° F.:	
NaCl equivalent, mg/l	18194	Observed	0.37 ohm-meters
Observed pH	7.2	Calculated	0.37 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit



ATTACHMENT "H"

The proposed average injection rate into the Natural Duck 11-21 GR is 400 BWPD with a potential maximum rate of 1000 BWPD. The average daily injection pressure is estimated at 950 psig. The actual pressure required to maintain a 400 BWPD injection rate may be higher or lower. The maximum injection pressure will be limited to 1790 psig which is 460 psig less than the estimated surface parting pressure of 2250 psig and the same as the permitted injection pressure in the two previously approved injection wells.

The casing tubing annulus will be filled with a corrosion inhibited packer fluid. The proposed injection fluid will be water from the Green River H6A & H13A sand (39,664 ppm). attachment "H-1" is a water analysis of the H6A & H13A sands from the water supply well (#14-16 GR), located in the SE SE 16-9S-20E.



P.O. Box 217
Roosevelt, Utah 84056

Office (801) 722-5068
Fax (801) 722-5727

WATER ANALYSIS REPORT

COMPANY BISHOP PETROLEUM ADDRESS _____ DATE: 9-9-93
SOURCE 14-16 DATE SAMPLED _____ ANALYSIS NO. _____

	Amper	Methylred	Thym
1. PH	<u>7.8</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.030</u>		
4. Dissolved Solids		<u>39,664</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count	<u>CI</u>	<u>C/MI</u>	
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)		<u>450</u>	<u>+61</u> <u>7</u> HCO ₃
9. Chlorides (Cl)		<u>20,500</u>	<u>+35.5</u> <u>578</u> Cl
10. Sulfates (SO ₄)		<u>3,600</u>	<u>+48</u> <u>75</u> SO ₄
11. Calcium (Ca)		<u>100</u>	<u>+20</u> <u>5</u> Ca
12. Magnesium (Mg)		<u>41</u>	<u>+12.2</u> <u>4</u> Mg
13. Total Hardness (CaCO ₃)		<u>420</u>	
14. Total Iron (Fe)		<u>1.5</u>	
15. Barium (Qualitative)			
16. Phosphate Residuals			

1000 Equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Eqv. wt.	X	Meq/l	Mg/l
Ca (HCO ₃) ₂	81.04		<u>3</u>	<u>405</u>
Ca SO ₄	88.07			
Ca Cl ₂	118.50			
Mg (HCO ₃) ₂	73.17		<u>2</u>	<u>146</u>
Mg SO ₄	82.19		<u>2</u>	<u>120</u>
Mg Cl ₂	47.22			
Na HCO ₃	84.08			
Na ₂ SO ₄	71.03		<u>73</u>	<u>5153</u>
Na Cl	88.46		<u>578</u>	<u>33,790</u>

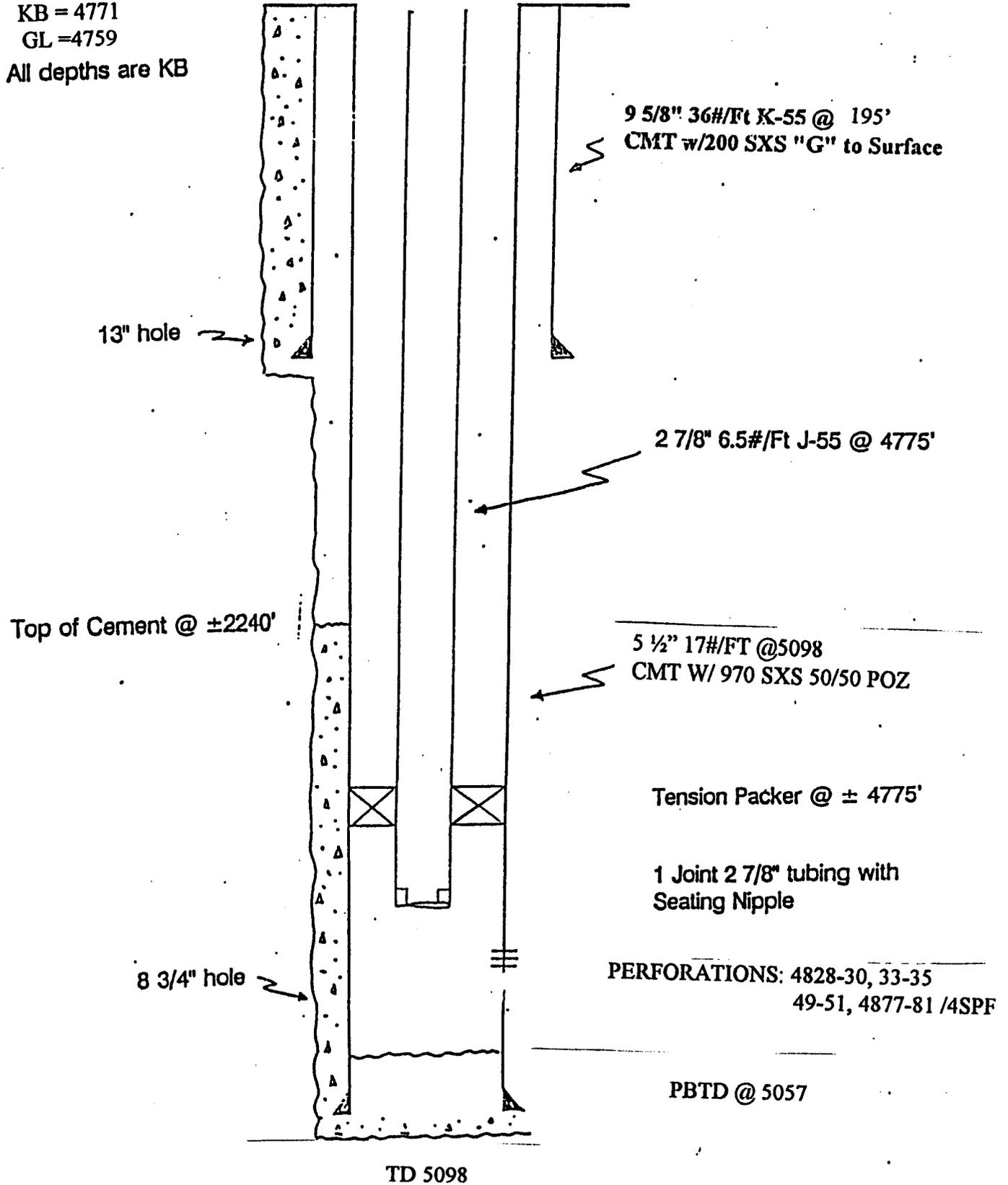
Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,000 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

ATTACHMENT "M"

WELLBORE DIAGRAM
NATURAL DUCK # 9-15
767'FWL, 585'FNL
NWNW 15, T9S, R20E
UINTAH COUNTY, UTAH

KB = 4771
GL = 4759
All depths are KB



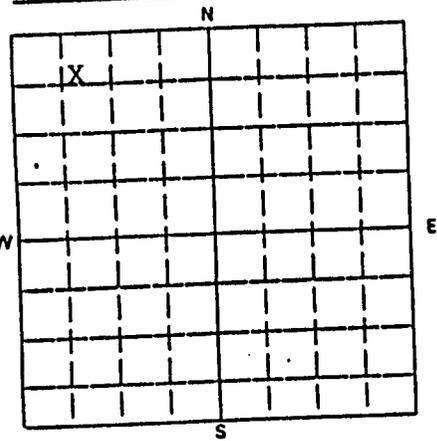


PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
 Natural Duck 9-15
 Duck Creek Green River Unit
 Uintah Co. Utah

NAME AND ADDRESS OF OWNER, OPERATOR
 Berry Ventures, Inc.
 5764 Fig Way, Suite B-1
 Arvada, CO 80002

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES



STATE: Utah COUNTY: Uintah PERMIT NUMBER: _____

SURFACE LOCATION DESCRIPTION
 1/4 OF NW 1/4 OF NW 1/4 SECTION 15 TOWNSHIP 9S RANGE 20E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
 Surface 585
 Location _____ ft. from (N/S) _____ Line of _____ section
 and 767 ft. from (E/W) _____ Line of _____ section

TYPE OF AUTHORIZATION
 Individual Permit
 Area Permit
 Rut.
 Number of Wells _____
 Lease Name _____

WELL ACTIVITY
 CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III
 Well Number Natural Duck 9-15

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
9 5/8	36#		195	13"
5 1/2	17#		5098	8.3/4

METHOD OF EMPLACEMENT OF CEMENT PLUGS
 The Balance Method
 The Dump Bailer Method
 The Two-Plug Method
 Other Set CIBPE 4810 & spot 2sxs Cement on top

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #8	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (Inches)	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
Depth to Bottom of Tubing or Drill Pipe (ft.)							
Sacks of Cement To Be Used (each plug)	2	10	10	10	32		
Slurry Volume To Be Pumped (cu. ft.)	2.3	12.6	12.6	12.6	40		
Calculated Top of Plug (ft.)	4795						
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To
4828	30		
4833	35		
4849	51		
4877	81		

Estimated Cost to Plug Wells
 \$7,200.00

CERTIFICATION

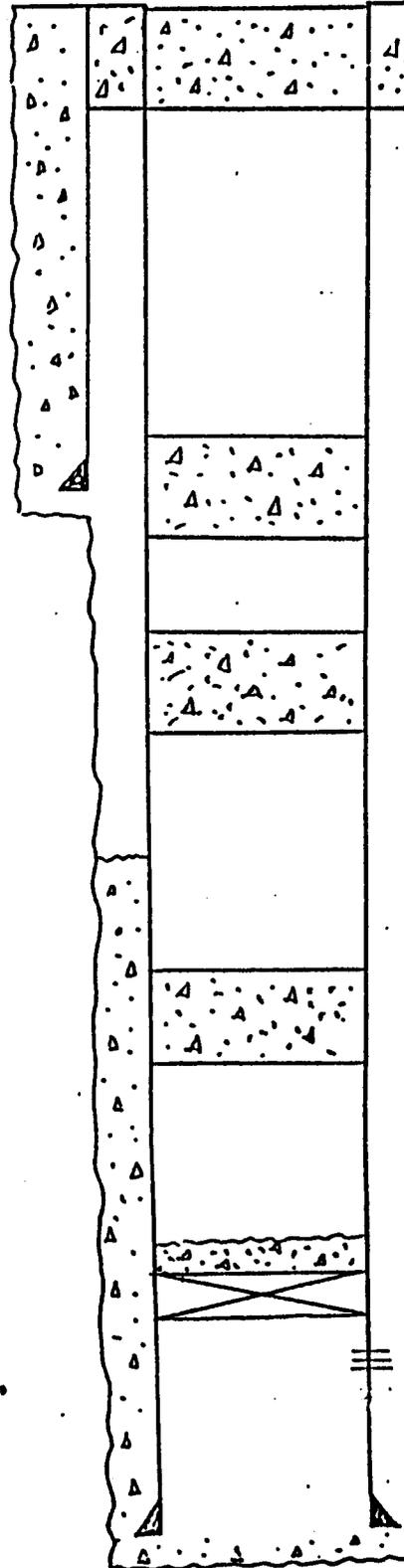
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print): JOHN B. DUNNEWALD AGENT FOR BERRY VENTURES
 SIGNATURE: [Handwritten Signature]
 DATE SIGNED: 4/28/97

ATTACHMENT "Q-1"

P & A DIAGRAM
NATURAL DUCK # 9-15
NWNW 15.T9S.R20
UINTAH COUNTY, UTAH

KB = 4771
GL = 4759
All depths are KB



32 sack 50/50 Poz Plug @ surface

9 5/8" 36# 1 ft K-55 @ 195'

10 sack 50/50 Poz Plug @ 150'-234'

10 sack 50/50/ Poz Plug @ 750'-844'

10 sack 50/50 Poz Plug @ 2750'-2844'

5 1/2" 17#/FT @ 5098
CMT W/ 970 SXS 50/50 POZ

2 sack Cement Plug @ ±
CIBP @ 48 5'

PERFORATIONS: 4828-30, 33-35
49-51, 4877-81 /4SPF

TD 5098 —

ATTACHMENT "Q-2"

NATURAL DUCK # 9-15

P & A PROCEDURE

1. MIRU
2. Kill well with water
3. NU BOP
4. Unseat packer. TOOH w/2 7/8" tubing and packer. Lay down last 65 joints
5. Rig up wireline
6. Set CIBP @ $\pm 4815'$
7. Dump 2 sacks "G" cement on top of CIBP
8. Rig down wireline
9. TIH w/tubing to $\pm 2750'$
10. Rig up cementers
11. Spot 10 sack plug 50/50 POZ
12. Pull up to $\pm 750'$
13. Spot 10 sack plug 50/50 POZ
14. Pull up to $\pm 150'$
15. Spot 10 sack plug 50/50 POZ
16. Pull tubing to surface
17. Pump 10 sack plug 50/50 POZ
18. Open casing valve. Pump 22 sack plug down 9 5/8".
19. Rig down cementers
20. VD BOP
21. RD MO
22. Cut casing off 4' below ground level
23. Install dry hole marker
24. Restore location

ATTACHMENT "Q-3"

NATURAL DUCK # 9-15

P & A COSTS

Rig	\$2000
Cementing	\$2000
Wireline/BIBP	\$1000
BOP	\$ 250
Transportation	\$ 250
Welding/Labor	\$ 250
Supervision	<u>\$ 800</u>
Sub-Total	\$6550
Contingency 10%	<u>\$ 650</u>
TOTAL	\$7200

ENVIRONMENTAL EDUCATION ENTERPRISES

RAISING EDUCATION TO A HIGHER POWER FOR THE ENVIRONMENT

Gil & John,

Re: Berry Ventures - Natural Duck
Unit.

Request to approve 11-21 and 9-15
wells as injectors.

11-21 has been approved.

9-15 was noticed at same time - not
yet approved.

- see unit map for location of 9-15 well.

- wells in Area of review

2-10

20-9

8-16

22-15-9-20

} producing gas wells.
Below injection interval.

17-16 producing oil well; from 48325039
as per well file.

- see attached log sections for
9-15 well (proposed injector) and 17-16 well.

L.P.

ENVIRONMENTAL EDUCATION ENTERPRISES

RAISING EDUCATION TO A HIGHER POWER FOR THE ENVIRONMENT

it appears that the 17-16 well has ~~some~~ zones which correlate with the injector. The M₄ and M₆ zone in the 17-16 is not as well developed however, the M₂ zone probably will be affected.

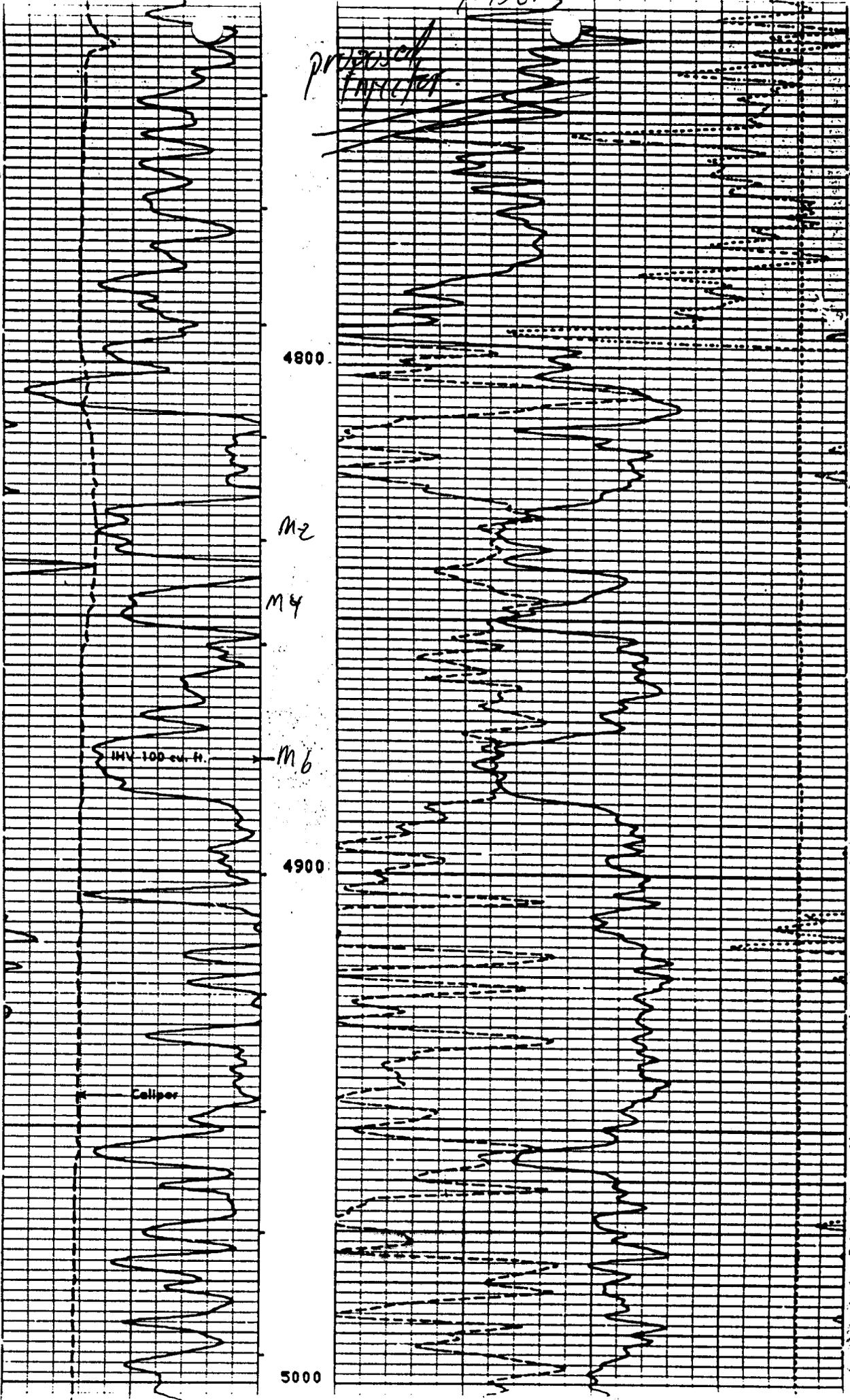
— Question, is there a correlative rights problem?

— is this a logical injector?

— Should we approve?

9-156R

~~proposed
TAP/CT/PT~~



4800

m2

m4

m6

4900

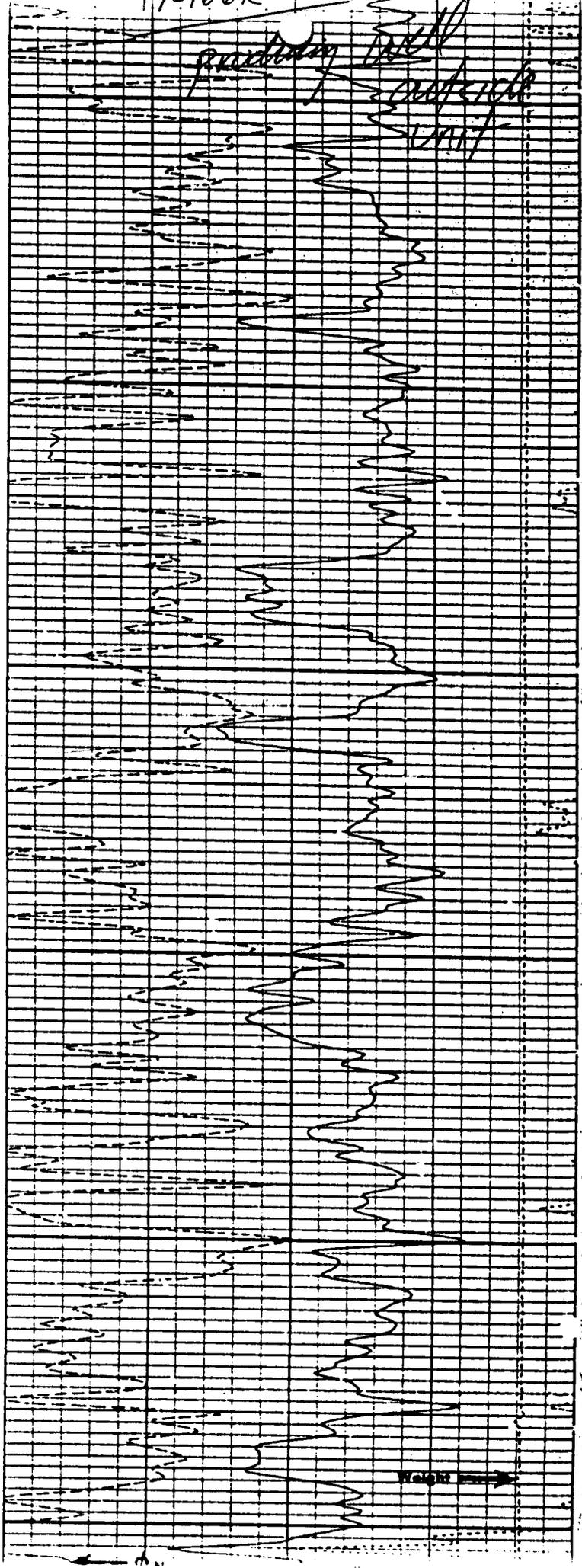
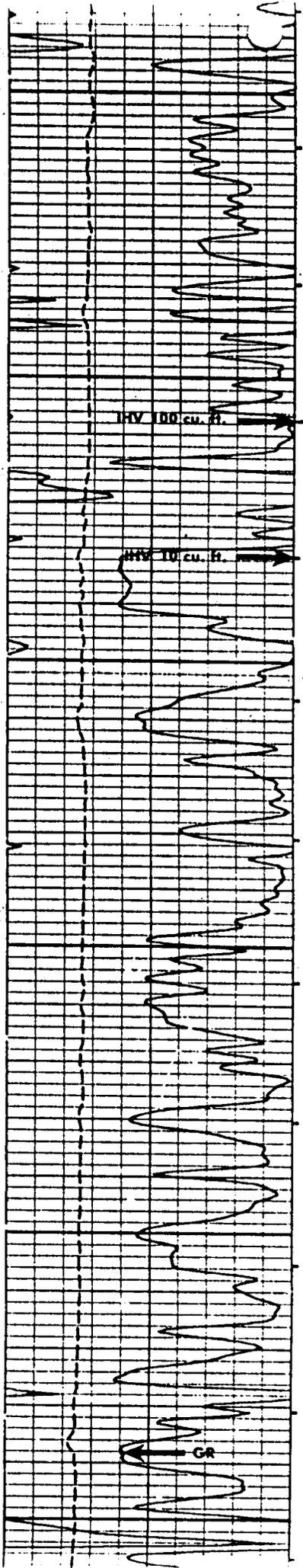
1MV 100 cm. H.

Caliper

5000

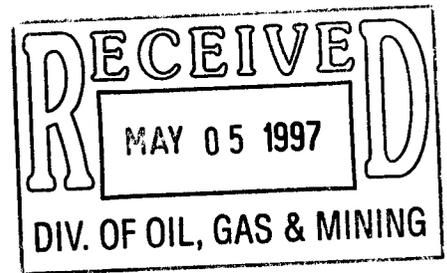
17-160R

Production well
outside
unit



RIGHT

ATTACHMENT "A-3"



Berry Ventures, Inc.
5764 Fig Way, Suite B-1
Arvada, CO 80002

May 1, 1997

Division of Oil, Gas and Mines
1594 W., North Temple, Suite 1210; P.O. Box 145801
Salt Lake City, UT 84114
Attn: Mineral Section

TO: All Interest Owners

RE: Duck Creek Green River Unit
Uintah, County, Utah

Gentlemen:

Berry Ventures, Inc. as operator, has filed an application for a class II injection permit and intends to convert the 9-15 GR well located in the NWNW Sec. 15, T.9S. -R20E., to a water injection well for a planned secondary recovery project.

Should you have any questions regarding this matter, please contact us at (303) 421-6300.

Sincerely,

A handwritten signature in cursive script that reads "John Dunnewald".

John Dunnewald,
Agent

JD/slw

ATTACHMENT "A-3"

Berry Ventures, Inc.
5764 Fig Way, Suite B-1
Arvada, CO 80002

May 1, 1997

Division of Oil, Gas and Mines
1594 W., North Temple, Suite 1210; P.O. Box 145801
Salt Lake City, UT 84114
Attn: Mineral Section

TO: All Interest Owners

RE: Duck Creek Green River Unit
Uintah, County, Utah

Gentlemen:

Berry Ventures, Inc. as operator, has filed an application for a class II injection permit and intends to convert the 11-21 GR well located in the NENW Sec. 21, T.9S. -R20E., to a water injection well for a planned secondary recovery project.

Should you have any questions regarding this matter, please contact us at (303) 421-6300.

Sincerely,



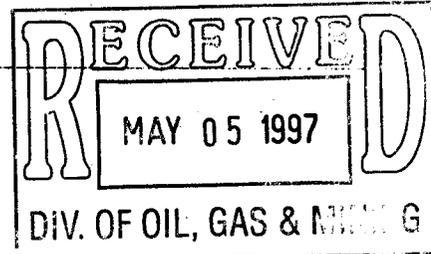
John Dunnewald,
Agent

JD/slw

**BISHOP
PETROLEUM
CORPORATION**

5764 FIG WAY
SUITE B-1
ARVADA, COLORADO 80002
OFFICE (303) 421-6300
FAX (303) 420-6520

UIC 192



U. S. Environmental Protection Agency
Attn: Mr. Chuck Tinsley 8P2-W-GW
999 18th St. Suite 500
Denver, Colo. 80202

April, 28, 1997

RE: Underground Injection Control
Permit Application
Natural Duck Field
Uintah County, Utah

Gentleman,

Attached for your review and further processing are water injection permit applications for the Duck Creek 11-21 and 9-15. Wells. The 11-21 permit application is more urgent, and it would be much appreciated if it could be processed first.

If there are questions, or you need additional information, please give me a call.

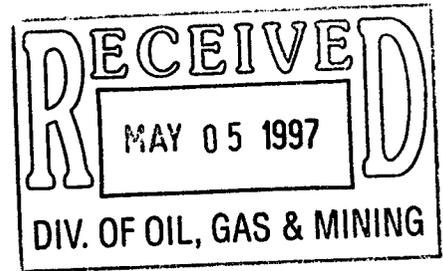
Very truly yours,

A handwritten signature in cursive script, appearing to read "John B. Dunnewald". The signature is written in dark ink and is positioned above the typed name.

John B. Dunnewald
Agent for Berry Ventures Inc.

7908

ATTACHMENT "A-3"



Berry Ventures, Inc.
5764 Fig Way, Suite B-1
Arvada, CO 80002

May 1, 1997

Division of Oil, Gas and Mines
1594 W., North Temple, Suite 1210; P.O. Box 145801
Salt Lake City, UT 84114
Attn: Mineral Section

TO: All Interest Owners

RE: Duck Creek Green River Unit
Uintah, County, Utah

Gentlemen:

Berry Ventures, Inc. as operator, has filed an application for a class II injection permit and intends to convert the 9-15 GR well located in the NWNW Sec. 15, T.9S. -R20E., to a water injection well for a planned secondary recovery project.

Should you have any questions regarding this matter, please contact us at (303) 421-6300.

Sincerely,

A handwritten signature in cursive script that reads "John Dunnewald".

John Dunnewald,
Agent

JD/slw

Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>	I. E.P.A. NUMBER T/A C U
-------------------------	--	--------------------------------

READ ATTACHED INSTRUCTIONS BEFORE STARTING FOR OFFICIAL USE ONLY

Application approved <small>mo day year</small>	Date Received <small>mo day year</small>	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS	III. OWNER/OPERATOR AND ADDRESS
Facility Name Natural Duck 9-15 GR NWNW 15-T9S-R20E Street Address Duck Creek Green River Unit City Uintah County	Owner/Operator Name BERRY VENTURES, INC. Street Address 5764 Fig Way, Suite B-1 City Arvada State CO ZIP Code 80002

IV. OWNERSHIP STATUS (Mark 'x')	V. SIC CODES
<input checked="" type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)	1311

VI. WELL STATUS (Mark 'x')	Date Started <small>mo day year</small>	Description
<input type="checkbox"/> A. Operating <input type="checkbox"/> B. Modification/Conversion <input checked="" type="checkbox"/> C. Proposed		Plan to convert the Natural Duck 9-15 GR to a water injection well. (43-047-30680)

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)	Number of Existing wells	Number of Proposed wells	Name(s) of field(s) or project(s)
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area		1	Duck Creek Green River Unit Sections 15, 16, 21 & 22-T9S-R20E Uintah County, Utah

VIII. CLASS AND TYPE OF WELL (see reverse)			D. Number of wells per type (if area permit)
A. Class(es) <small>(enter code(s))</small>	B. Type(s) <small>(enter code(s))</small>	C. If class is "other" or type is code 'x,' explain	
II	R		

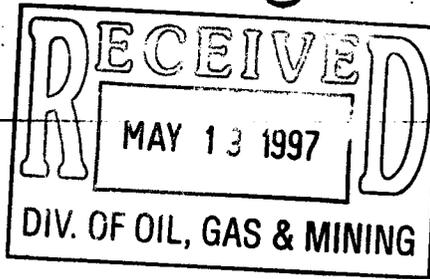
IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT	X. INDIAN LANDS (Mark 'x')																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">A. Latitude</th> <th colspan="2">B. Longitude</th> <th colspan="4">Township and Range</th> <th rowspan="2">Feet from</th> <th rowspan="2">Line</th> <th rowspan="2">Feet from</th> <th rowspan="2">Line</th> </tr> <tr> <th>Deg</th> <th>Min</th> <th>Deg</th> <th>Min</th> <th>Twsp</th> <th>Range</th> <th>Sec</th> <th>1/4 Sec</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td>9S</td> <td>20E</td> <td>15</td> <td>NW</td> <td>985</td> <td>N</td> <td>767</td> <td>W</td> </tr> </table>	A. Latitude		B. Longitude		Township and Range				Feet from	Line	Feet from	Line	Deg	Min	Deg	Min	Twsp	Range	Sec	1/4 Sec					9S	20E	15	NW	985	N	767	W	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A. Latitude		B. Longitude		Township and Range				Feet from					Line	Feet from	Line																		
Deg	Min	Deg	Min	Twsp	Range	Sec	1/4 Sec																										
				9S	20E	15	NW	985	N	767	W																						

XI. ATTACHMENTS
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application:

XII. CERTIFICATION
<p><i>I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)</i></p>

A. Name and Title (Type or Print) John Dunnewald, President Bishop Petroleum - Agent for Berry Ventures, Inc.	B. Phone No. (Area Code and No.) (303) 421-6300
C. Signature 	D. Date Signed 5/1/97

BISHOP
PETROLEUM
CORPORATION



5764 FIG WAY
SUITE B-1
ARVADA, COLORADO 80002
OFFICE (303) 421-6300
FAX (303) 420-6520

U. S. Environmental Protection Agency
Attn.: Mr. Chuck Tinsley 8P2-W-GW
999 18th St. Suite 500
Denver, Colo. 80202

May 13, 1997

RE: Underground Injection Control
Permit Application Duck Creek 11-21 & 9-15 Wells
Duck Creek Field
Uintah County ,Utah

Dear Mr. Tinsley,

As indicated in our phone conversation today, further review of the proposed injection wells indicates that it may be desirable to inject water in several of the oil bearing Green River formation sands rather than only into the "M - 4 " sand which is the only zone currently being injected at the two existing injection wells

Because these sands are geologically similar and in close proximity, there appears to be no practical reason not to water flood as many of the sands as possible. Discussions with the B.L.M. in Vernal , indicate that they would have no problem permitting recompletion of a multi - sand injection well.

I have therefor enclosed a revised ATTACHMENT "G" for each of the previously submitted applications, and would request that the permits provide for water injection in any of the Green River formation sands.

If you need to discuss this further, or need additional information, please give me a call.

Very truly yours,

A handwritten signature in cursive script that reads "John B. Dunnewald".

John B. Dunnewald
Agent for Berry Ventures Inc.

ATTACHMENT "G" REVISED

The Tertiary Green River sands of the "M" interval which is the injection zone, vary in thickness from a few feet to 20 feet, and are found at an average depth of 4850 in the area of the Duck Creek Green River Unit located in sections 15,16,21 and 22 Township 9S, Range 20E, Uintah County, Utah . The sands are light gray, medium to fine grained, and poorly sorted. They are overlain by a 40' thick shale and underlain by a thick sequence of interbedded shales and sandstone. Attachment "G-1" is a copy of the 9-15 Density-Neutron log across the " M " sand interval

No data is available on the confining zones fracture pressure, so the fracture pressure of the sands was determined from the ISIP after a frac job on the Natural Duck #2-15 GR. The ISIP of 2250 psig (Attachment "G-2) results in a gradient of .90 psi/ft., which is consistent with Lomax's operations at the Monument Butte Unit, located in T8S-R16E It should be noted that there are no identifiable USDW's in the area of review. Based on this information, Berry Ventures, Inc., hereby requests that the maximum surface injection pressure be 1790 PSI which is below the calculated fracture pressure and the same as the pressure authorized for the two previously permitted injection wells. Attachment "G-3" is a produced water analysis from the "M-4" sand in the Natural Duck #1-15, located in the NE SW 15-9S-R20E.

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF BERRY	:	ACTION
VENTURES, INC. FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-192
THE DUCK CREEK 11-21 AND 9-15	:	
WELLS LOCATED IN SECTIONS 15	:	
AND 21, TOWNSHIP 9 SOUTH,	:	
RANGE 20 EAST, S.L.M., UINTAH	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

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

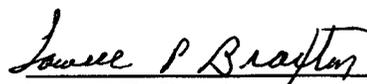
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Berry Ventures, Inc. for administrative approval of the Duck Creek 11-21 and 9-15 wells, located in sections 15 and 21, Township 9 South, Range 20 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4800 feet to 4900 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be limited to 1790 psig.

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

Dated this 3rd day of June 1997.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Lowell P. Braxton
Deputy Director

ATTACHMENT "G" REVISED

The Tertiary Green River sands of the "M" interval which is the injection zone, vary in thickness from a few feet to 20 feet, and are found at an average depth of 4850 in the area of the Duck Creek Green River Unit located in sections 15,16,21 and 22 Township 9S, Range 20E, Uintah County, Utah . The sands are light gray, medium to fine grained, and poorly sorted. They are overlain by a 40' thick shale and underlain by a thick sequence of interbedded shales and sandstone. Attachment "G-1" is a copy of the 11-21 Density-Neutron log across the " M " sand interval

No data is available on the confining zones fracture pressure, so the fracture pressure of the sands was determined from the ISIP after a frac job on the Natural Duck #2-15 GR. The ISIP of 2250 psig (Attachment "G-2) results in a gradient of .90 psi/ft., which is consistent with Lomax's operations at the Monument Butte Unit, located in T8S-R16E. It should be noted that there are no identifiable USDW's in the area of review. Based on this information, Berry Ventures, Inc., hereby requests that the maximum surface injection pressure be 1790 PSI which is below the calculated fracture pressure and the same as the pressure authorized for the two previously permitted injection wells. Attachment "G-3" is a produced water analysis from the "M-4" sand in the Natural Duck #1-15, located in the NE SW 15-9S-R20E.

GR - CNL FDC

ND 11-21 GR

KB 4891

ATTACHMENT

G-1

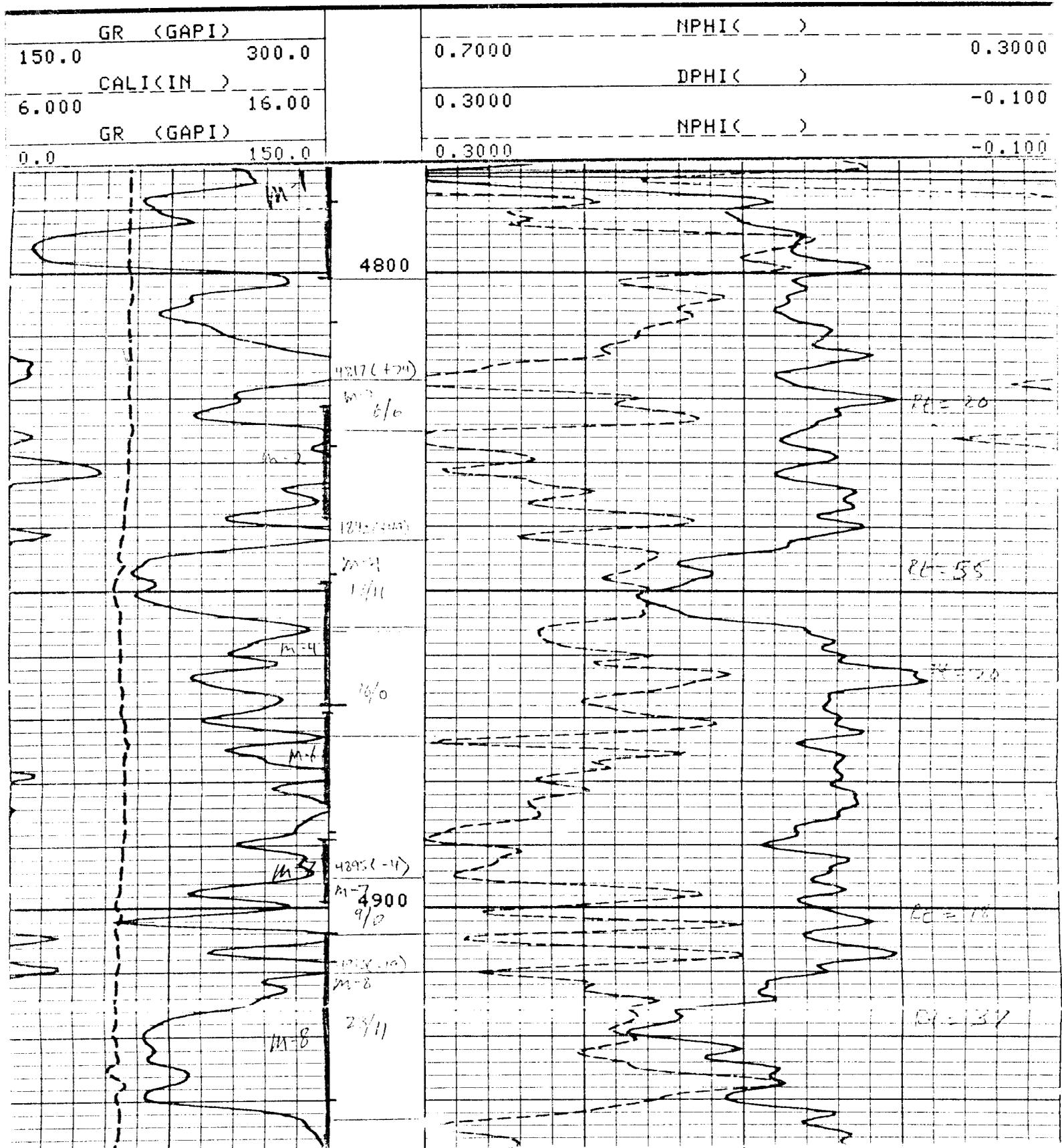
9 5/8" @ 197 KB w/ 2005x

8 3/4" hole

837-990

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
HC		CALI	PSNR		2.248	BS	INCH	8.750
MDEN	G/C3	2.680	FD	G/C3	1.000	MATR		SAND
BHF		WATE	FEXP		2.150	FPHI		PHIX
FNUM		0.6200	BHS		OPEN			
DD		0.0						





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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 3, 1997

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Re: Notice of Agency Action - Cause No. UIC-192

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 3, 1997

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-192

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

**Berry Ventures, Inc.
Duck Creek 11-21 and 9-15 Wells
Cause No. UIC-192**

Publication Notices were sent to the following:

Berry Ventures
c/o Bishop Petroleum
5764 Fig Way, Suite B-1
Arvada, Colorado 80002

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

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

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



Lorraine Platt
Secretary
June 3, 1997

PROOF OF PUBLICATION

STATE OF UTAH,

} SS.

County of Uintah

NOTICE OF AGENCY ACTION CAUSE NO. UIC-192 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF BERRY VENTURES, INC. FOR ADMINISTRATIVE APPROVAL OF THE DUCK CREEK 11-21 AND 9-15 WELLS LOCATED IN SECTIONS 15 AND 21, TOWNSHIP 9 SOUTH, RANGE 20 EAST, S.L.M., UINTAH COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Berry Ventures, Inc. for administrative approval of the Duck Creek 11-21 and 9-15 wells, located in sections 15 and 21, Township 9 South, Range 20 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4800 feet to 4900 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be limited to 1790 psig.

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

Dated this 3rd day of June 1997.

STATE OF UTAH DIVISION OF OIL, GAS & MINING LOWELL P. BRAXTON,

Deputy Director

Published in the Vernal Express June 11, 1997.

I, SHEILA S. WHEELER, being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a weekly newspaper of general circulation, published each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for 1 publications,

the first publication having been made on

the 11th day of June, 1997 and the last on

the 11th day of June, 1997, that

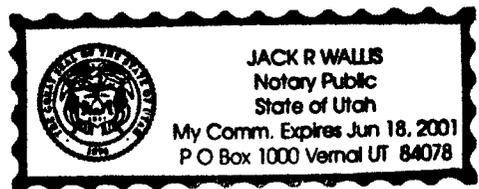
said notice was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By... Sheila S. Wheeler Manager

Subscribed and sworn to before me, this 11th day of June A.D. 1997.

Jack R. Wallis Notary Public, Residence, Vernal, Utah

OFFICE COPY



PROOF OF PUBLICATION

STATE OF UTAH,

} SS.

County of Uintah

I, SHEILA S. WHEELER, being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a weekly newspaper of general circulation, published each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for 1 publications,

the first publication having been made on

the 11th day of June, 1997 and the last on

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By *Sheila S. Wheeler* Manager

Subscribed and sworn to before me, this 11th day of June A.D. 1997.

Jack R. Wallis
Notary Public, Residence, Vernal, Utah

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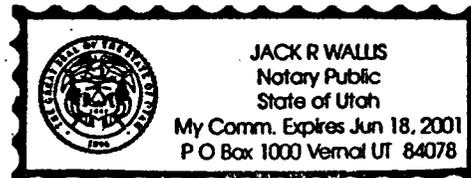
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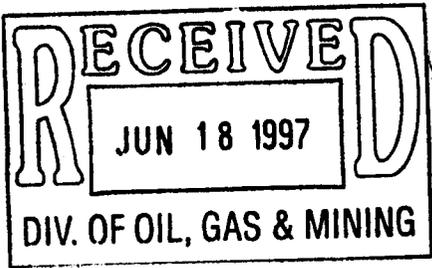
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Dated this 3rd day of June 1997.

STATE OF UTAH DIVISION OF OIL, GAS & MINING LOWELL P. BRAXTON,

Deputy Director Published in the Vernal Express June 11, 1997.





State of Utah
Division of Oil, Gas, and Mining
Attn. Mr. Dan Jarvis
1594 W. N. Temple, Suite 1210
Box 145801
Salt Lake City, Utah

June 10, 1997

RE: Duck Creek Green River Unit
Uintah Co. Utah
Injection Permit Application
Duck Creek 11-21 & 9-15 wells

I hereby certify that I caused a true and correct copy of the injection permit application notification letter to be mailed, postage prepaid, the 1st day of May, 1997 to all the parties within 1/2 mile of the proposed injection wells. The mailing list is included as attachment "A - 2" to the application.

Berry Ventures Inc.

By *John B. Dunnewald*
John B. Dunnewald, Agent for Berry Ventures Inc.

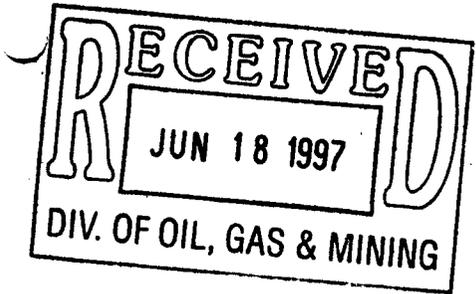
The forgoing was acknowledged before me by John B. Dunnewald, as agent of Berry Ventures Inc., this 11 day of June, 1997. Witness my hand and official seal.

Subscribed and sworn to before me
this 11 day of June 1997
Cheryl Freckley 3-8-99
Notary Public

6/11/97

*DAN,
I BELIEVE THIS IS
WHAT YOU NEEDED. IF
THERE IS ANYTHING ELSE
PLEASE LET ME KNOW.*

John



APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR BERRY VENTURES INC
ADDRESS 7060 S. YALE AVE. SUITE 900
TULSA, OKLAHOMA, 74136-5742

Well name and number: DUCK CREEK 9-15
Field or Unit name: DUCK CREEK Lease no. U70172689A
Well location: QQ NUNU section 15 township 9S range 20E county LINCOLN

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

Proposed injection interval: from 4849 to 4851
Proposed maximum injection: rate 1000 BW/D pressure 1790 psig
Proposed injection zone contains oil, gas, and/or fresh water within 1/2 mile of the well.

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

List of Attachments: _____

I certify that this report is true and complete to the best of my knowledge.
Name JOHN B. DUNNEWARD Signature [Signature]
Title AGENT FOR BERRY VENTURES Date 6/19/97
Phone No. (303) 421-6300

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

Comments:

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.

5. Lease Serial No.
U-73321

6. If Indian, Allottee, or Tribe Name
Ute Tribal Surface

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other Injection

7. If Unit or CA/Agreement, Name and/or No.
UTU-72689A Duck Creek

2. Name of Operator
Finley Resources, Inc.

8. Well Name and No.
Natural Duck 9-15GR

3a. Address
1308 Lake Street
Fort Worth, TX 76102

3b. Phone No. (include area code)
817-336-1924

9. API Well No.
43-047-30680

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
767' FWL & 585' FNL
NWNW Sec 15-T9S-R20E

10. Field and Pool, or Exploratory Area
Duck Creek

11. County or Parish, State
Uintah County, UT

12. CHECK THE 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change</u> of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<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 recompleate 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 the BLM/ BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

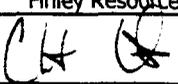
Please be advised that effective January 1, 2014, Finley Resources, Inc. assumed operatorship of the referenced well. Bond coverage pursuant to 43CFR3104 for lease activities is being provided by Finley Resources, Inc. under their Federal BLM Bond No. UTB000305. They will be responsible for compliance under the lease terms and conditions.

RIM Operating, Inc., the previous operator, hereby names Finley Resources, Inc. as successor operator effective January 1, 2014.

RIM Operating, Inc.


Rene Morin
Vice President

RECEIVED
FEB 13 2014
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed Typed)
Clinton H. Koerth
Finley Resources, Inc. Title VP of Land & Acquisition
Signature  Date 02/4/2014

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 **APPROVED**

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 or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

AUG 04 2014
DIV. OIL, GAS & MINING


Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2014

FROM: (Old Operator): RIM Operating, Inc. N1045 5 INVERNESS DR E ENGLE WOOD CO 80112 303-799-9828	TO: (New Operator): Finley Resources, Inc. N3460 1308 LAKE STREET FORT WORTH TX 76102 817-336-1924
--	--

CA No. Unit: Duckcreek

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List						

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/18/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/18/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/4/2014
- 4a. Is the new operator registered in the State of Utah: _____ Business Number: 7409151-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Yes
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 6/1/2014
- 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 Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/4/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/4/2014
- Bond information entered in RBDMS on: 8/4/2014
- Fee/State wells attached to bond in RBDMS on: 8/4/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000305
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0011264
RLB0015635-
FCB
DT B0015636
- 3b. The **FORMER** operator has requested a release of liability from their bond on: 4/18/2014

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** 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:

RIM Operating, Inc. N1045 to Finley Resources, Inc. N3460 Effective 1/1/2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
DUCKCREEK 3-16GR	16	090S	200E	4304730476	11631	Federal	WS	A	DUCK CREEK (GRRV)
DUCKCREEK 5-16GR	16	090S	200E	4304730523	11631	Federal	WI	A	DUCK CREEK (GRRV)
DUCKCREEK 6-16GR	16	090S	200E	4304730540	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 2-15	15	090S	200E	4304730555	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 8-15	15	090S	200E	4304730679	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 11-21	21	090S	200E	4304730770	11631	Federal	WI	A	DUCK CREEK (GRRV)
NATURAL DUCK 1-15	15	090S	200E	4304730393	11631	Federal	OW	P	DUCK CREEK (GRRV)
NATURAL DUCK 6-15	15	090S	200E	4304730647	11631	Federal	OW	P	DUCK CREEK (GRRV)
DUCKCREEK 15-16GR	16	090S	200E	4304730649	11631	Federal	OW	P	DUCK CREEK (GRRV)
DUCKCREEK 18-16GR	16	090S	200E	4304730655	5000	Federal	GW	P	
NATURAL DUCK 12-21	21	090S	200E	4304730771	11631	Federal	OW	P	DUCK CREEK (GRRV)
DUCKCREEK 26-8GR	8	090S	200E	4304730784	10734	Federal	OW	P	
NATURAL DUCK 3-15	15	090S	200E	4304730556	11631	Federal	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 4-21	21	090S	200E	4304730557	11631	Federal	OW	S	DUCK CREEK (GRRV)
DUCKCREEK 11-16GR	16	090S	200E	4304730626	11631	Federal	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 5-15	15	090S	200E	4304730646	11631	Federal	OW	S	DUCK CREEK (GRRV)
DUCKCREEK 14-16GR	16	090S	200E	4304730652	11631	State	OW	S	DUCK CREEK (GRRV)
DUCKCREEK 16-16GR	16	090S	200E	4304730653	11631	State	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 9-15	15	090S	200E	4304730680	11631	Federal	OW	S	DUCK CREEK (GRRV)
NATURAL DUCK 10-21	21	090S	200E	4304730769	11631	Federal	OW	S	DUCK CREEK (GRRV)
COGC 1-22-9-20	22	090S	200E	4304730923	11631	Federal	OW	S	DUCK CREEK (GRRV)
NBU 34Y	21	090S	200E	4304730509	11631	Federal	OW	TA	DUCK CREEK (GRRV)