

UTAH OIL AND GAS CONSERVATION COMMISSION

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

890607 Cng of open name eff 6/89 : 93/130 Prodeo to Chandler & Assoc. 8-1-93:
 910128 open from P&E to Prodeo eff. 1-9-91.
 910201 Commenced Injection Eff. 9-1-95

DATE FILED **7-11-83**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-055** INDIAN

DRILLING APPROVED: **7-12-83 - OIL**

SPUDED IN: **9-28-83**

COMPLETED: **11-15-83 POW** PUT TO PRODUCING: **11-15-83**

INITIAL PRODUCTION: **139.3 BOPD 15 MCF 5 BWPD**

GRAVITY API

G.U.

PRODUCING ZONES: **4850-4856' Lower Green River**

TOTAL DEPTH: **5550'**

WELL ELEVATION: **4806' GR**

DATE ABANDONED:

FIELD: **Natural Buttes**

UNIT:

COUNTY: **Uintah**

WELL NO. **NGC 22-20 GLEN BENCH FEDERAL** API #**43-047-31356**

LOCATION **1895' FNL** FT. FROM (N) (S) LINE. **1822' FWL** FT. FROM (E) (W) LINE **SENW** 1/4 - 1/4 SEC **20**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				8S	22E	20	PG & E FOLLOWERS Chandler & Associates NATURAL GAS CORP OF CALIF.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
"H" MKR "K" MKR PAY ZONE	Dakota	Park City	McCracken
4110' 4304' 4339'	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
	Morrison	Pennsylvanian	SILURIAN
Wasatch	Salt Wash	Oquirrh	Laketown Dolomite
Stone Cabin	San Rafael Gr.	Weber	ORDOVICIAN
Colton	Summerville	Morgan	Eureka Quartzite
Flagstaff	Bluff Sandstone	Hermosa	Pogonip Limestone
North Horn	Curtis		CAMBRIAN
Almy	Entrada	Pardox	Lynch
Paleocene	Moab Tongue	Ismay	Bowman
Current Creek	Carmel	Desert Creek	Tapeats
North Horn	Glen Canyon Gr.	Akah	Ophir
CRETACEOUS	Navajo	Barker Creek	Tintic
Montana	Kayenta		PRE - CAMBRIAN
Mesaverde	Wingate	Cane Creek	
Price River	TRIASSIC		
Blackhawk			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1822' FWL and 1895' FNL of Sec. 20, T.8S., R.22E.
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 U-055

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 NGC #22-20

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 20, T.8S., R.22E.

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 12 miles east of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1822'

16. NO. OF ACRES IN LEASE
 960

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5400

19. PROPOSED DEPTH
 5400

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4806' Ungraded ground

22. APPROX. DATE WORK WILL START*
 Undetermined.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# or 32#	300'	To surface
7-7/8"	5-1/2"	15.5#	5400'	600 sx

NEED TO PROTECT

OIL SHALE

RECEIVED
 GAS OPERATIONS
 SALT LAKE CITY, UTAH
 JUL 11 1983

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE Associate Engineer DATE June 27, 1983
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE Dist Mgr DATE 8-10-83
 CONDITIONS OF APPROVAL, IF ANY:

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

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

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

Natural Gas Corporation of California
Well No. 22-20
Section 20, T8S, R22E
Uintah County, Utah
Lease U-055

Supplemental Stipulations

1. Traveling off the access road right-of-way will not be allowed. The maximum width of access roads, both existing and planned, will be 30 feet total disturbed area. Turn-outs will not be required. Bar ditches will be installed where necessary. Roads will be crowned and properly maintained.
2. Six inches of topsoil would be stockpiled as indicated in the layout diagram. A fence will be placed around the topsoil stockpile to keep it out of the reserve pit and this fence will not be removed until after the pit has been backfilled.
3. The pad would be irregular in shape in that the pipe racks side of the pad would be narrowed to fit existing topography rather than placing fill dirt in the existing stream channel. This would narrow half of the pad by about 30 feet while the other half would retain its present indicated dimensions.
4. A suitable cattleguard and gate will be installed in the fence at the reservation boundary.
5. Burn pits will not be constructed. There will be no burning or burying of garbage or trash at the well site. Refuse will be contained in trash cages and hauled to an approved disposal site.
6. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pit.
7. A right-of-way will be obtained from the BIA and Ute Tribal Authorities for the use of about 1,045 feet of new access required from the NGC Well #44-19 to the reservation boundary, ~~or access will be built according to the Sundry Notice dated July 14, 1983, from Well #23-21 in section 21 to the #13-20 well.~~
8. All permanent structures, onsite for 6 months duration or longer, constructed or installed, including the pumpjack and covering over tank insulation, will be painted a flat, non-reflective earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities will be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. standards are excluded. The choice of color may vary depending on the location.
9. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.

10. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. See attached tentative casing and cementing program for the Uinta Basin.

Natural Gas
Corporation of
California

June 27, 1983

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

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

Re: NGC #22-20 Federal
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T.8S., R.22E.
Uintah County, UT
Glen Bench area

RECEIVED

JUL 11 1983

DIVISION OF
OIL GAS & MINING

Gentlemen:

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

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

Your early consideration and approval of this application would be appreciated. Please contact this office if you have any questions concerning this application.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

/kh

Encls.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
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At surface
1822' FWL and 1895' FNL of Sec. 20, T.8S., R.22E.
At proposed prod. zone
SE NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12 miles east of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1822'

16. NO. OF ACRES IN LEASE
960

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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

19. PROPOSED DEPTH
5400 *green line*

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4806' Ungraded ground

22. APPROX. DATE WORK WILL START*
Undetermined.

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12-1/4"	8-5/8"	24# or 32#	300'	To surface
7-7/8"	5-1/2"	15.5#	5400'	600 sx <input checked="" type="checkbox"/>

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/11/83
BY: [Signature]

RECEIVED
JUL 11 1983
DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE Associate Engineer DATE June 27, 1983
Rick Canterbury
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

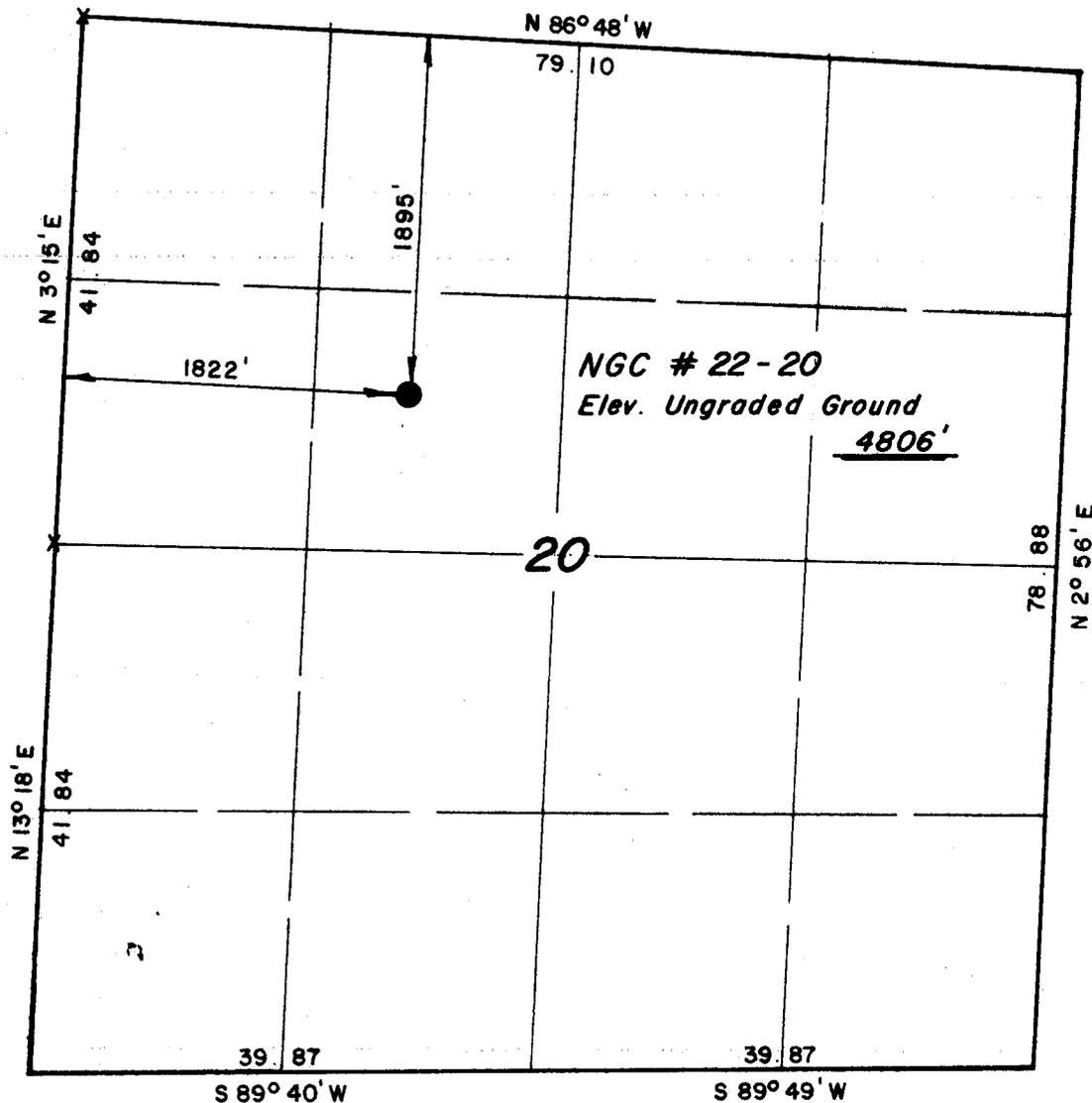
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY :

cc: BLM; Div. OG&M; Operations; CTCClark; ERHenry

T 8 S, R 22 E, S.L.B.&M.

PROJECT
NATURAL GAS CORP. OF CALIF.

Well location, *NGC # 22 - 20*,
 located as shown in the SE1/4 NW1/4
 Section 20, T 8 S, R 22 E, S.L.B.&M.
 Uintah County, Utah.



CERTIFICATE

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

Dona Stewart

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

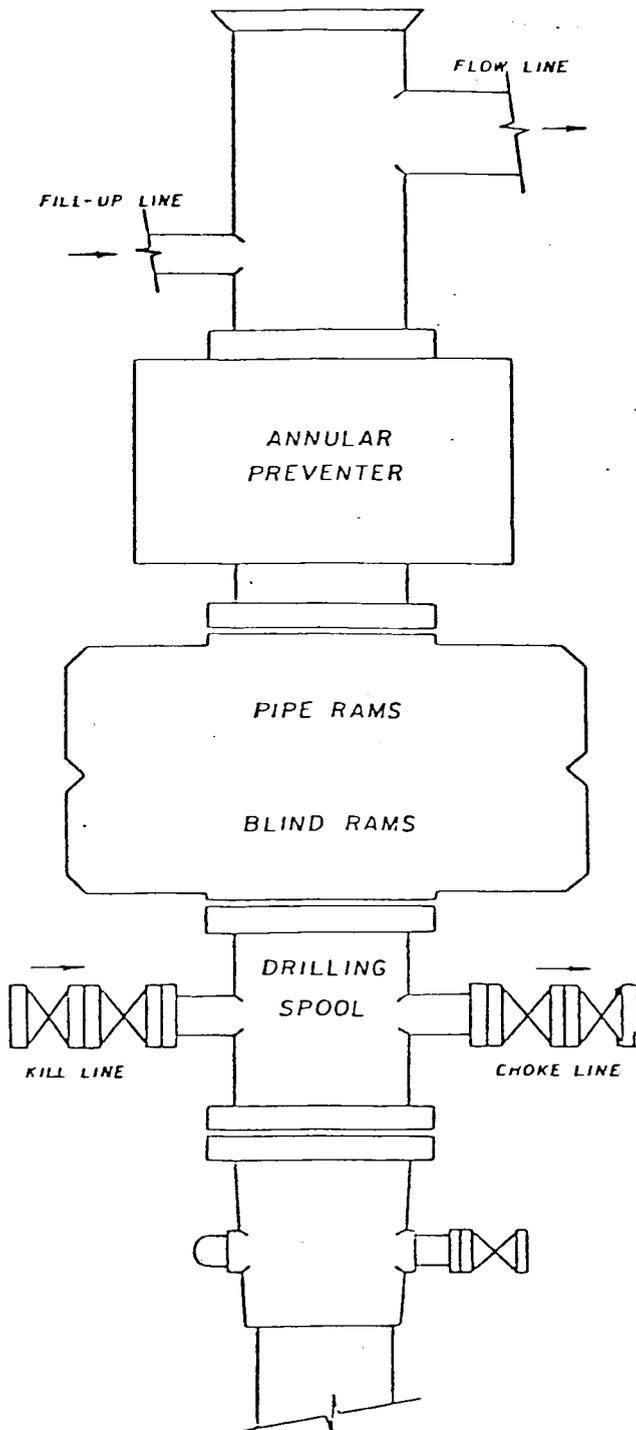
UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX Q - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6-17-83
PARTY D.A., D.K., B.K. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE NATURAL GAS

X = Section Corners Located

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #22-20 Federal
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T.8S., R.22E.
Glen Bench area



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

Ten Point Plan
 NGC Well #22-20 Glen Bench Area
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 20, T.8S., R.22E.

1. Surface Formation: Uinta

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uinta	Surface	4820' KB
Green River	2120'	2700'
H Marker	3996'	824'
K Douglas Creek	4606'	214'
"Tgr" Lime	5326'	- 506'
T.D.	5400'	

3. Producing Formation Depth: Lower Green River Oil.

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12-1/4	8-5/8	24# or 32#	300'	New
7-7/8	5-1/2	15.5#	5400'	New

5. BOP and Pressure Containment Data: A 3000 WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9-5/8" surface casing. The BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-4000'	8.3 - 8.4	-----	No Control	Water
4000'-TD	8.8 - 9.2	35	10cc/less	L.S.N.D.

7. Auxiliary Equipment: Upper Kelly cock, full opening stabbing valve, 2 $\frac{1}{2}$ " choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a. Testing: Two DST's will be run, one at approximately 4765'-4775' and one at approximately 3400'-3410'. A possible test will be run in the Green River Lime.
- b. Coring: One core will be taken in the Douglas Creek from 4750'-4810'.
- c. Sampling: Samples will be taken at 30' intervals from surface to 3000' (one wet cut and one dry cut) and samples will be taken at 10' intervals from 3000' to T.D. (one wet cut and one dry cut).
- d. Logging:

<u>Type</u>	<u>Depth</u>
DIL	Surface to T.D.
LDT-CNL	2500' to T.D.
Dipmeter	4700' to 4800'

9. Abnormalities (including sour gas): High pressure zones may occur from 2000' to 3000'.

10. Drilling Schedule: Anticipated starting date is unknown at this time with duration of operations expected to last about 30 days.

13 Point Surface Use Plan

1. EXISTING ROADS

See attached topographic map A.

Proceed west from Vernal, Utah on U.S. Highway 40 for approximately 15 miles to the Ouray turnoff. Proceed south on Highway 88 for about 18 miles to Ouray. From Ouray go across the Green River Bridge and take the first left. Follow this road for about 10.2 miles and take the existing road to the left. Follow this road for 3.0 miles to NGC Well #44-19. The proposed road will start at this point.

2. PLANNED ACCESS ROAD

See attached topographic map B.

The proposed access road will be .7 mile long. Approximately 1045' of the proposed road will be on the Uintah and Ouray Reservation. A right-of-way will be obtained from the Ute Tribe for this section of road. The remainder of the road will be on Federal surface administered by the BLM.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 30 feet.
- 2) Maximum grade - 1%.
- 3) Turnouts - None planned.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - One culvert is planned for the road. No major cuts or fills will be required.
- 6) Surfacing materials - None are planned.
- 7) Gates, cattleguards, or fence cuts - One cattleguard will be required in the fence line between Section 19 and 20.
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

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

- 1) Water wells - None.
- 2) Abandoned wells - NGC Well #23-24, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24, T.8S., R.21E.
- 3) Temporarily abandoned wells - None.
- 4) Disposal wells - None.
- 5) Drilling wells - None.
- 6) Producing wells - NGC 44-19 in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19; NGC 22-30 in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30; NGC 31-30 in NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30.
- 7) Shut-in Wells - None.

- 8) Injection wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map B. Water will be obtained from the White River and will be diverted at the Mountain Fuel Bridge in the NE $\frac{1}{4}$ of Section 17, T.9S., R.22E. The water will be hauled over existing roads to the location.

6. SOURCE OF CONSTRUCTION METHODS

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

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

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

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

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

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in a trash cage.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top six inches of soil material will be stripped and stockpiled. This will amount to approximately 1500 cubic yards of material that will be stockpiled. The topsoil stockpile will be fenced and a sign will be posted.

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

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used. The seed mixture will be determined by the Bureau of Land Management at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

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

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078
Attn: Bill Ryan or Rick Canterbury
Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

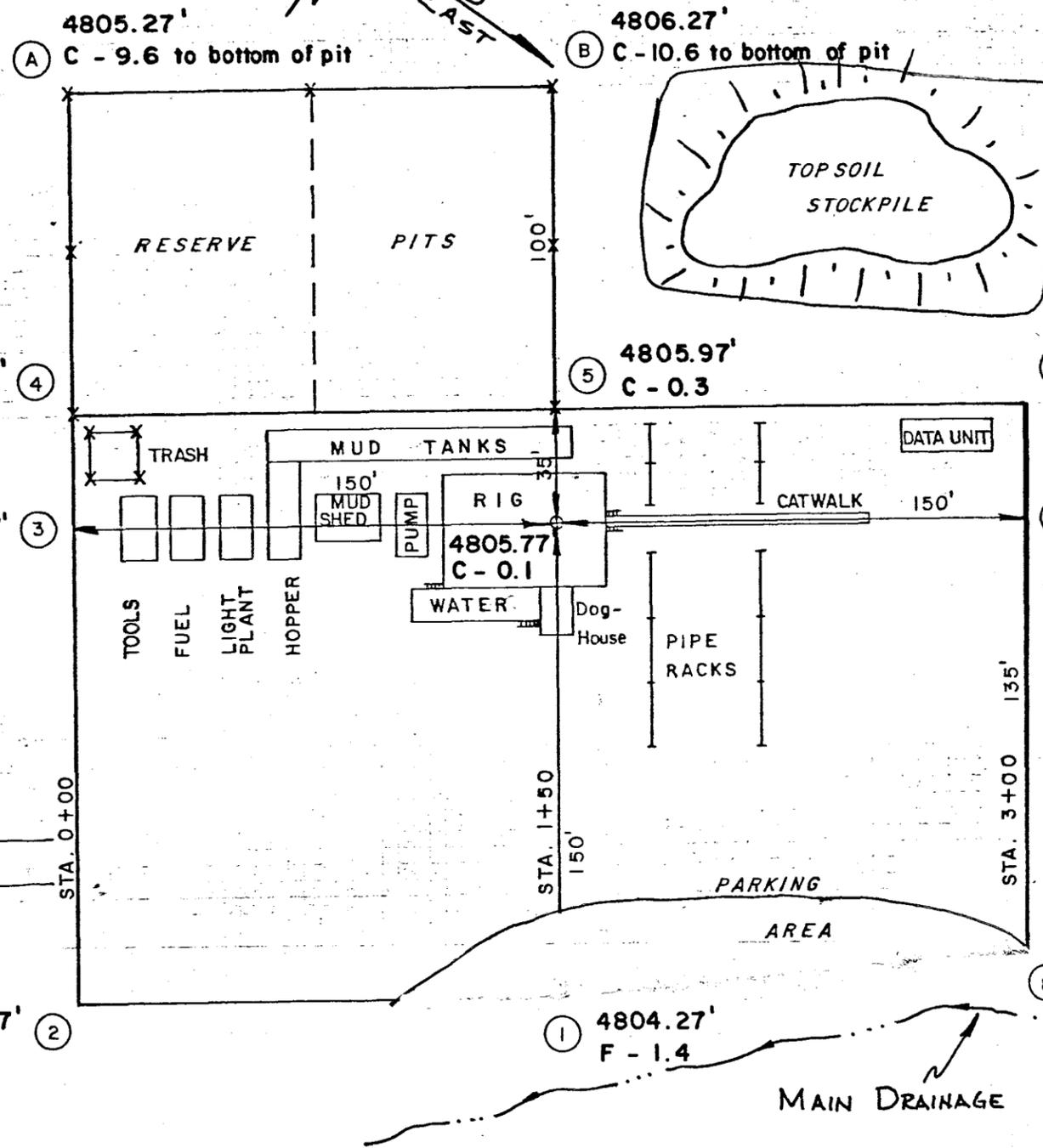
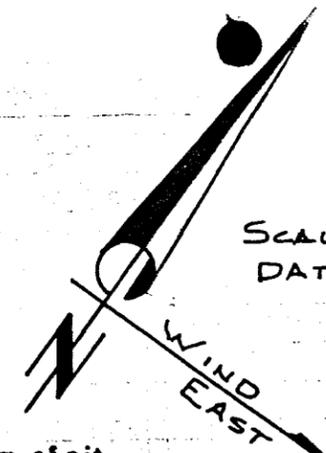
June 28, 1983
Date

Rick Canterbury
Rick Canterbury, Associate Engineer

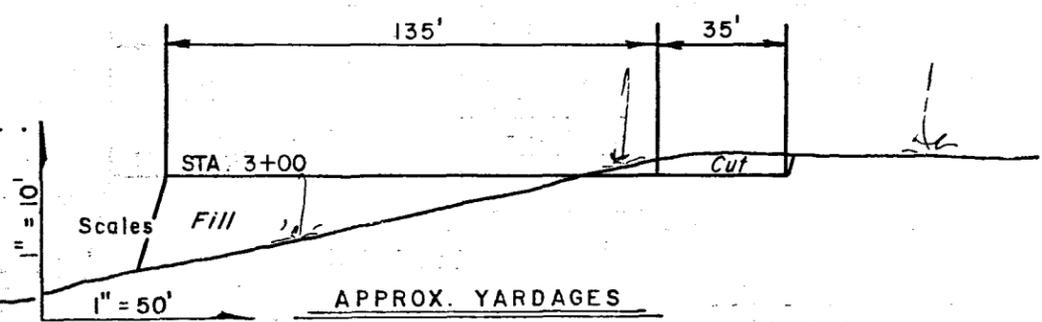
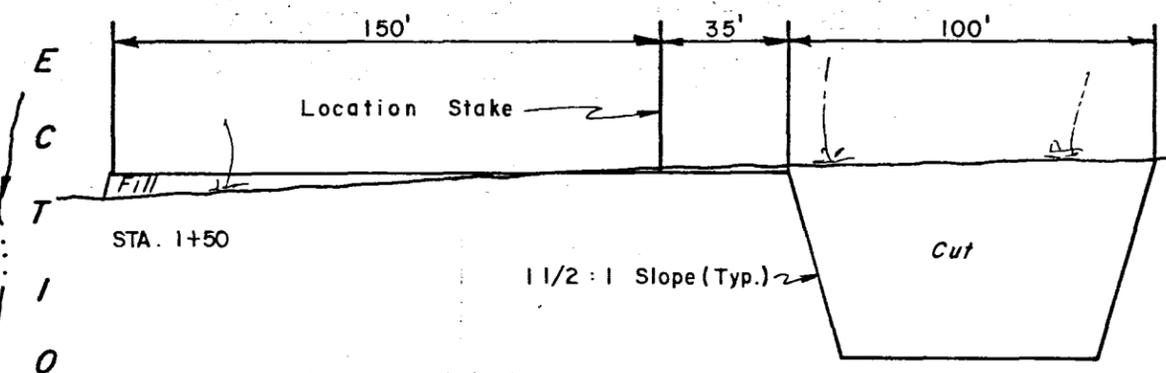
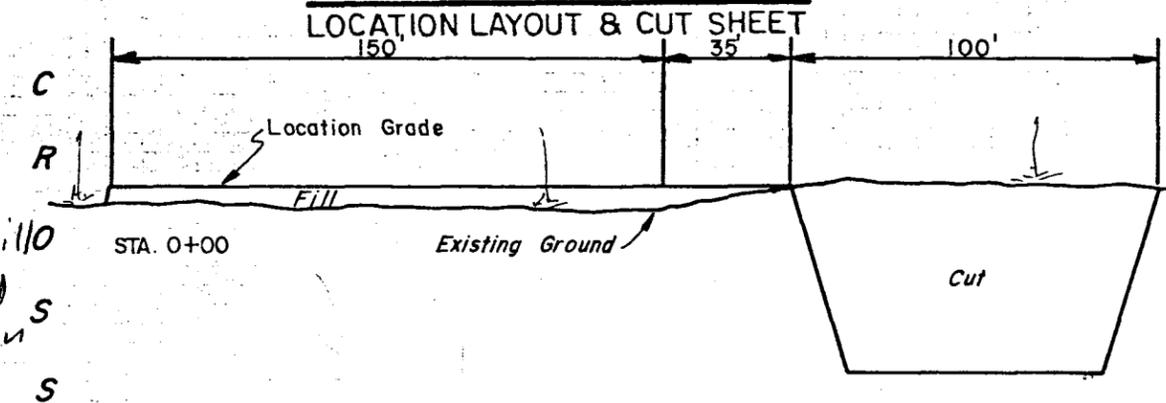
NATURAL GAS CORP. OF CALIF.

NGC #22-20

SCALE: 1" = 50'
DATE: 6/17/83



Topsoil will be fenced and a sign posted.



SOILS LITHOLOGY

- No Scale -



APPROX. YARDAGES

Cubic Yards Cut - 7450

Cubic Yards Fill - 2210

C
R
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C
T
I
O
N
S

ACCESS ROAD

MAIN DRAINAGE

PARKING AREA

STA. 0+00

STA. 1+50

STA. 3+00

4805.57' F-0.1

4804.17' F-1.5

4804.47' F-1.2

(A) 4805.27' C - 9.6 to bottom of pit

(B) 4806.27' C - 10.6 to bottom of pit

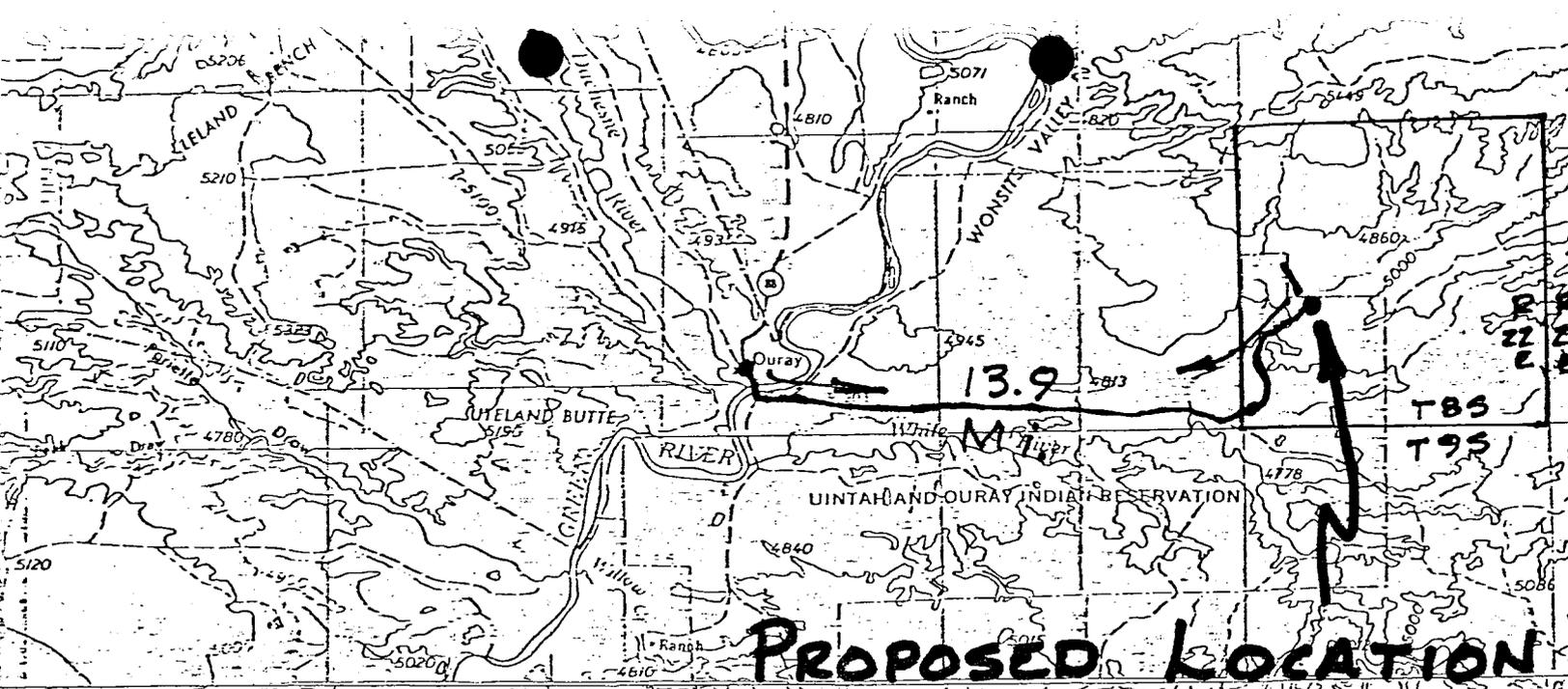
(5) 4805.97' C - 0.3

(6) 4806.57' C - 0.9

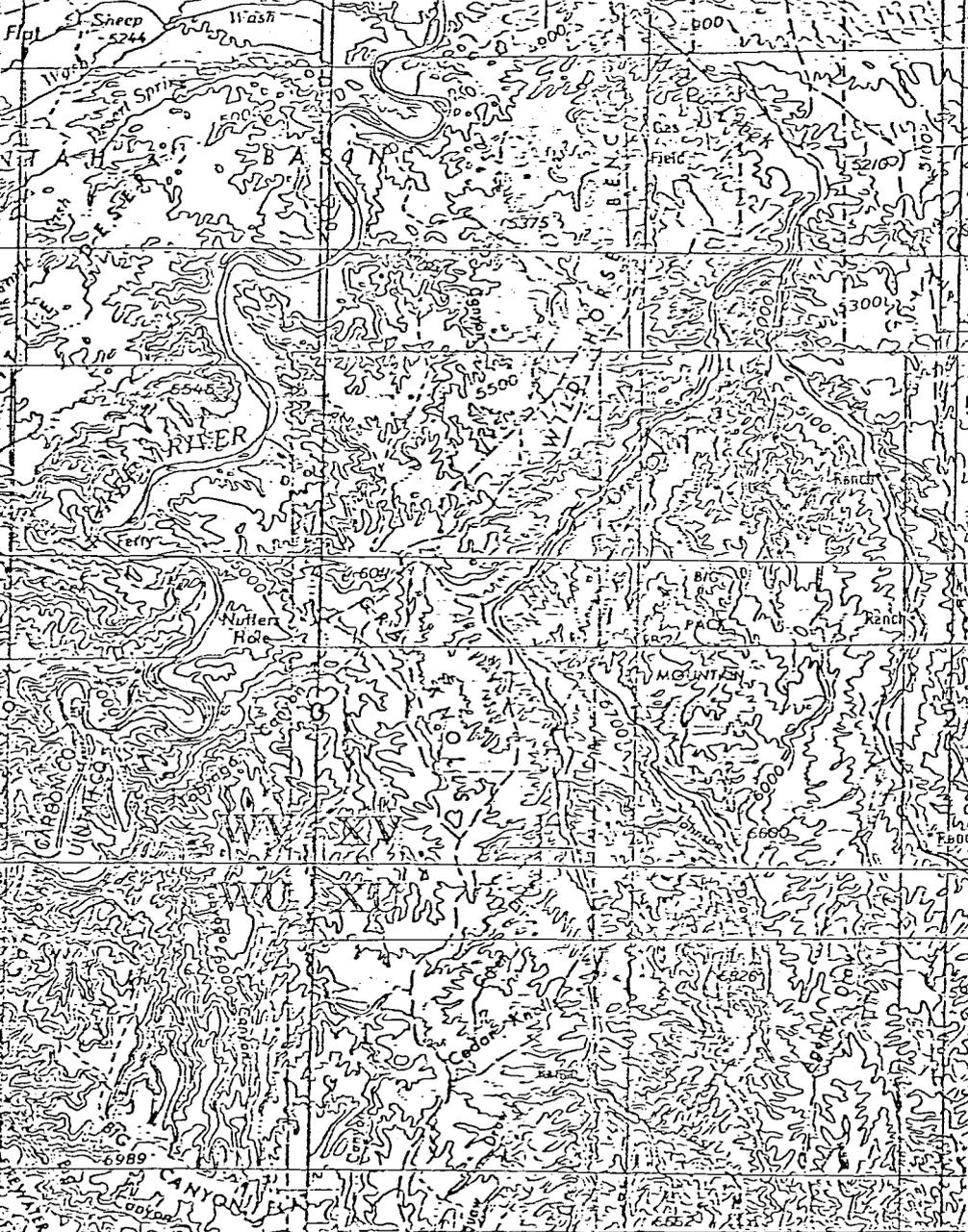
(7) 4806.57'

(8) 4800.07' F - 5.6

(1) 4804.27' F - 1.4



PROPOSED LOCATION



NATURAL GAS CORP.
OF CALIF.

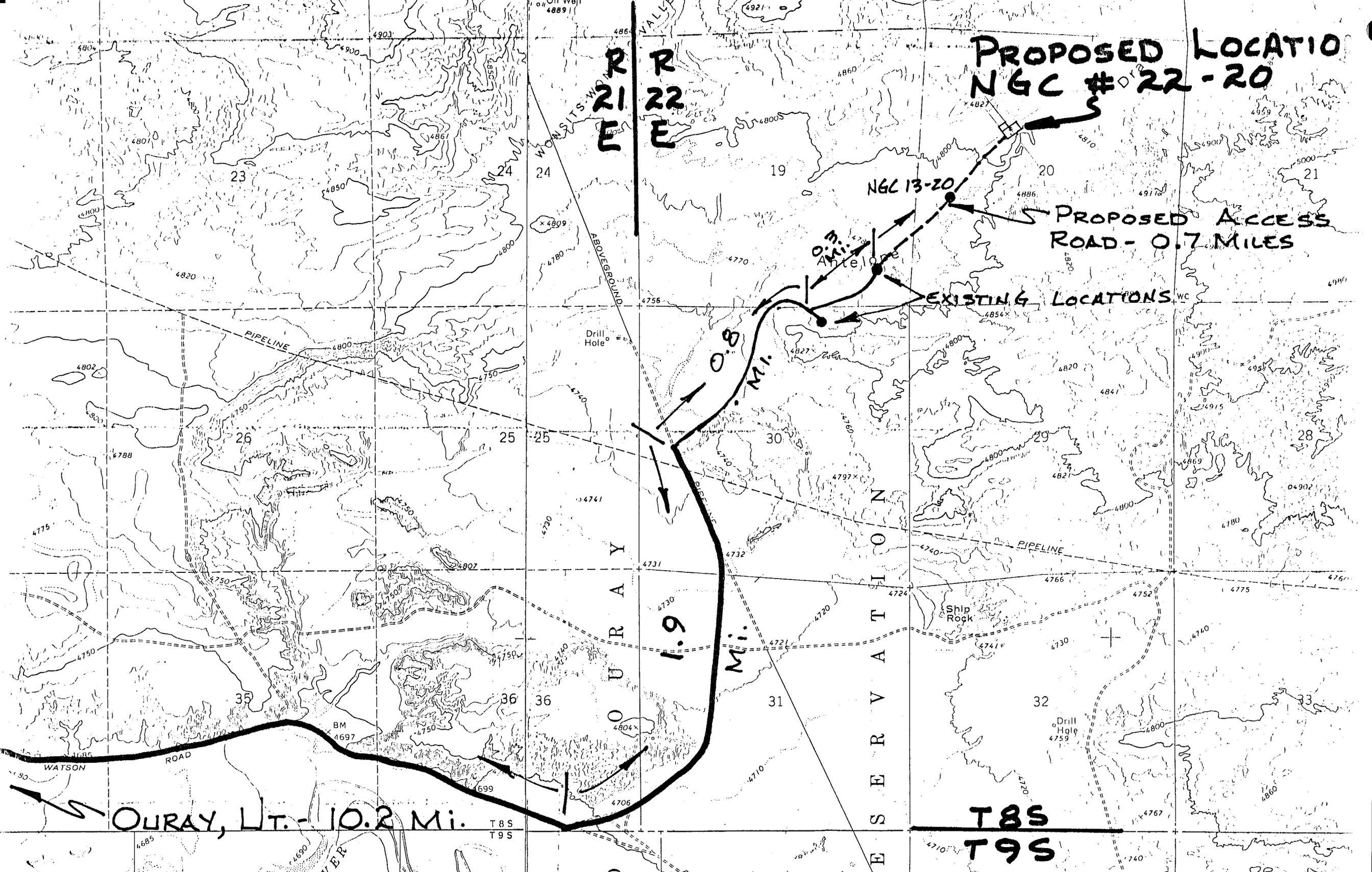
NGC # 22-20
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 MI.



R
R
E
E

PROPOSED LOCATION
NGC #22-20

PROPOSED ACCESS
ROAD - 0.7 MILES

EXISTING LOCATIONS

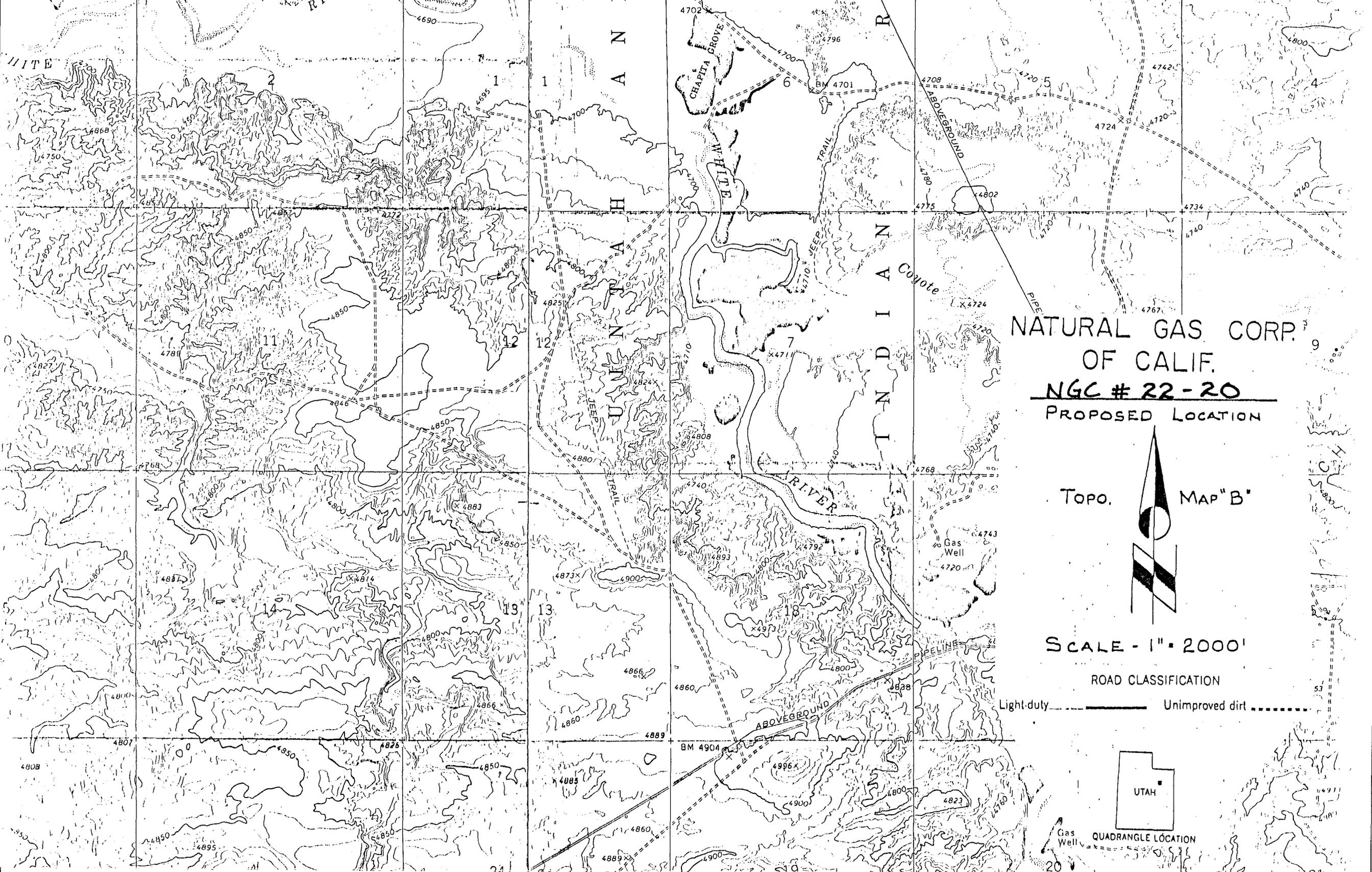
0.8
Mi.

1.9
Mi.

WATSON ROAD
OURAY, UT. - 10.2 Mi.

T8S
T9S

T8S
T9S



NATURAL GAS CORP.
OF CALIF.
NGC # 22-20
PROPOSED LOCATION

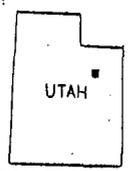
TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty Unimproved dirt



QUADRANGLE LOCATION

Gas Well

UTAH

OPERATOR Natural Gas Corp. of Calif DATE 7-11-83
WELL NAME N66 #22-20
SEC SE NW 20 T 85 R 22E COUNTY Wintub

43-047-31356
API NUMBER

Prod.
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

No other oil wells within 1000'

CHIEF PETROLEUM ENGINEER REVIEW:

7/11/83

APPROVAL LETTER:

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

SPECIAL LANGUAGE:

(Write)

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 12, 1983

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

RE: Well No. NGC # 22-20
SE NW, Sec. 20, T. 8S, R. 22E.
1895' FWL, 1822' FWL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3 (B), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use of water at the drilling site shall be submitted to this office, otherwise authority to drill this well is void.

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

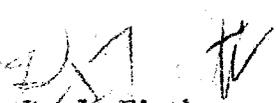
RONALD J. FIRTH - Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

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

The API number assigned to this well is 43-047-31356.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/cf
cc: Oil & Gas Operations

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well - gas well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 665' FWL and 2065' FSL of
AT TOP PROD. INTERVAL: Sec. 20, T.8S., R.22E.
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) Request Change in Access Route			

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

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

Operator requests permission to construct the access road for the proposed location along the route shown on the attached map.

~~APPROVED~~ BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: July 14, 1983
BY: [Signature]

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

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

SIGNED Rick Canterbury TITLE Associate Eng. DATE July 14, 1983

(This space for Federal or State office use)

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

cc: BLM-O&G Operations; Div. OG&M; Operations; CTClark; ERHenry

Natural Gas
Corporation of
California

NGC NGC

July 14, 1983

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

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

Re: NGC #13-20 Federal
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, T.8S., R.22E.
Uintah County, UT
Glen Bench Unit

Gentlemen:

✓ Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Request Change in Access Route for the subject well.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

/sr

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

RECEIVED
JUL 10 1983

DIVISION OF
OIL, GAS & MINING

*Natural Gas
Corporation of
California*

NGC NGC

August 2, 1983

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

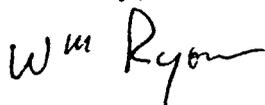
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #22-20 Federal
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T.8S., R.22E.
Uintah County, UT
Glen Bench area

Gentlemen:

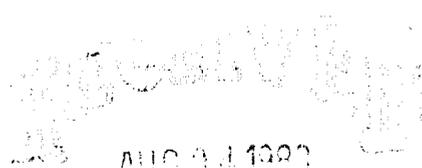
Attached is the Designation of Operator from Gulf Oil Corporation to
Natural Gas Corporation of California for Federal Lease U-055.

Sincerely,



William A. Ryan

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



AUG 04 1983

DIVISION OF
OIL, GAS & MINING

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-055

and hereby designates

NAME: Natural Gas Corporation of California
ADDRESS: Denver Corporate Center - Tower II - 7800 East Union Ave.
Suite 800 Denver, CO 80237

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 8 South, Range 22 East
Section 20: SE/4 NW/4
Uintah County, UT

AUG 04 1983

DIVISION 11

SAC 1140

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

GULF OIL CORPORATION

By 
(Signature of lessee)
W.R. Wimbish Attorney-in-Fact

July 22, 1983
(Date)

P. O. Box 2619 Casper, WY 82602
(Address)

NOTICE OF SPUD

Company: Natural Gas Corp. of Co

Caller: _____

Phone: _____

Well Number: 22-20

Location: SE NW 20-85-22E

County: Uintah State: Utah

Lease Number: U-9617

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 9-28-83 10:00 A.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 130' 9 5/8"

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: 10-1-83

FOLLOW WITH SUNDRY NOTICE

Call Received By: 9-29-83

Date: BAH

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: NATURAL GAS CORP.

WELL NAME: #22-20

SECTION SENE 20 TOWNSHIP 8S RANGE 22E COUNTY UINTAH

DRILLING CONTRACTOR _____

RIG # _____

SPUDDED: DATE 9-28-83

TIME 10:00 AM

HOW Dry Hole Digger

DRILLING WILL COMMENCE _____

REPORTED BY Karl Hanberg

TELEPHONE # _____

DATE 9-28-83 SIGNED RJF

3A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1822' FWL and 1895' FNL of Sec. 20,
AT TOP PROD. INTERVAL: T.8S., R.22E. SE $\frac{1}{4}$ NW $\frac{1}{4}$
AT TOTAL DEPTH:

5. LEASE
U-9617

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
22-20

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 20, T.8S., R.22E.

12. COUNTY OR PARISH
Utah

13. STATE
Utah

14. API NO.
43-047-31356

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4806' Un. Gr.

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

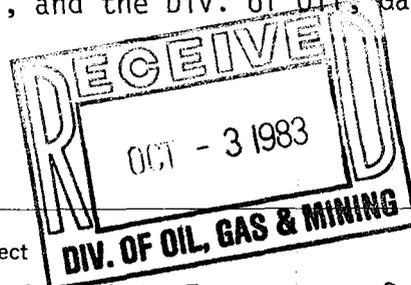
REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>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

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

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

Operator reports the spudding of the subject well at 10 a.m. Sept. 28, 1983, by Leon Ross Drilling (dry hole digger). 130' of 9-5/8", 36#, K-55, STC casing was set and cemented, a total of approximately 300' will be set. Brinkerhoff Rig 85, rotary tools, will be moving on location approximately Oct. 1, 1983.

Spud date reported orally to Bureau of Land Management, Branch of Fluids and Minerals, Salt Lake City, UT, and the Div. of Oil, Gas & Mining, Sept. 29, 1983.



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

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

SIGNED Rick Canterbury TITLE Associate Engr. DATE Sept. 19, 1983
Rick Canterbury

(This space for Federal or State office use)

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

cc: BLM; Div. OG&M; Chorney; Gulf; Operations; CTClark; ERHenry; SFurtado

Natural Gas
Corporation of
California

RECEIVED
OCT 7 1983

DIVISION OF
OIL, GAS & MINING

October 5, 1983

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

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

Gulf Oil Corporation
P.O. Box 2619
Casper, WY 82602

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

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

Re: NGC #22-20 Federal
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T.8S., R.22E.
Uintah County, UT
Glen Bench area

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Commencement of Rotary Drilling Operations, for the subject well.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1822' FWL and 1895' FNL of Sec. 20
AT TOP PROD. INTERVAL: T.8S., R.22E. SE $\frac{1}{4}$ NW $\frac{1}{4}$
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) Commencement of Rotary Drilling Operations			

5. LEASE
~~U-9617~~ *Woss per Card NGC*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME *10/17/83*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
NGC #22-20

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T.8S., R.22E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

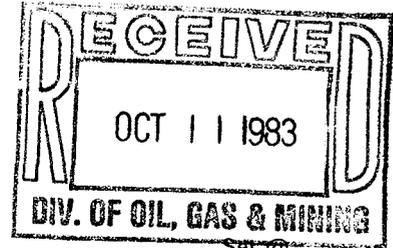
14. API NO.
43-047-31356

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4806' Un. Gr.

(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.)*

Operators reports the commencement of rotary drilling operations at 12 a.m. October 5, 1983, by Brinkerhoff Drilling Rig 85. A 7-7/8" hole was drilled and total depth as of 6 a.m. October 5, was 655'.



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

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

SIGNED *Rick Canterbury* TITLE Associate Engr. DATE October 5, 1983

(This space for Federal or State office use)

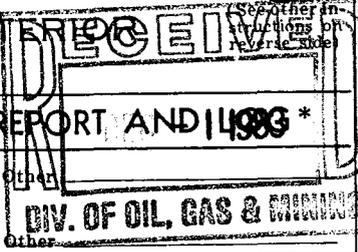
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: BLM; Div. OG&M; Chorney; Gulf, Operations; CTClark; ERHenry; SFurtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6



8. LEASE DESIGNATION AND SERIAL NO.
U-055
9. IF INDIAN, ALLOTTEE OR TRIBE NAME
10. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal
9. WELL NO.
22-20
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 20, T.8S., R.22E.

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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

2. NAME OF OPERATOR
Natural Gas Corporation of California (801) 789-4573

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1895' from the north line and 1822' from the west line (SE 1/4 NW 1/4) of Sec. 20, T.8S., R.22E.
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-31356 DATE ISSUED 7-12-83
12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUNDED 9-28-83 16. DATE T.D. REACHED 10-10-83 17. DATE COMPL. (Ready to prod.) 11-15-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4806' Un. Gr. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5550' 21. PLUG, BACK T.D., MD & TVD 5270' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4850-56' Lower Green River Oil 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL, Caliper-GR, CBL, GR, VDL, CCL 27. WAS WELL CORED None

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, K-55	300	12-1/4"	216 sx Class "G"	None
5-1/2"	15.5, J-55	5548	7-7/8"	225 sx BJ Lite & 660 sx 50-50 Poz	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	4909'	4844 (anchor)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4850-56'	4 SPF (25 shots)	4850-56	24,530 gal. of gelled water 65,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Nov. 15, 1983		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Nov. 19	24		→	139.3	15	5.41	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	0	→	139.3	15	5.41		

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

35. LIST OF ATTACHMENTS
Geological report to follow

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

SIGNED William A. Ryan TITLE _____ DATE 11/29/83

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

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 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 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	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				"H" Marker	4110'
				"K" Marker	4704'
				Pay Zone	4839'
				Green River Lime	5418'
					TOP

BEST COPY AVAILABLE

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

22-20

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 20, T.8S., R.22E.

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 [X] GAS WELL [] OTHER []

2. NAME OF OPERATOR Natural Gas Corporation of California

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

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

1822' FWL, 1895' FNL (SE 1/4 NW 1/4)

14. PERMIT NO. 43-047-31356

15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4806 UN GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF [] PULL OR ALTER CASING [] FRACTURE TREAT [] MULTIPLE COMPLETE [] SHOOT OR ACIDIZE [] ABANDON* [] REPAIR WELL [] CHANGE PLANE [] (Other) Equalize Line Seals [X]

SUBSEQUENT REPORT OF:

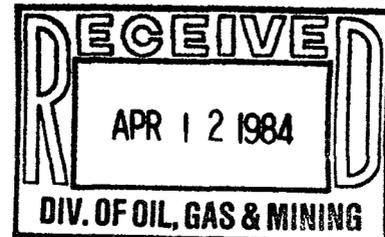
WATER SHUT-OFF [] REPAIRING WELL [] FRACTURE TREATMENT [] ALTERING CASING [] SHOOTING OR ACIDIZING [] ABANDONMENT* [] (Other) []

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

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

Operator requests permission to leave the equalize line valve in the open position on the subject well for six months from this date.

This is a new well with high, fluctuating oil and gas production. By allowing the equalize line to remain open, the possibility of spills due to overfilling tanks, would be minimized.



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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE April 9, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

NGC NGC

November 29, 1983

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

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

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

Re: NGC #22-20 Federal
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T.8S., R.22E.
Uintah County, UT
Glen Bench area

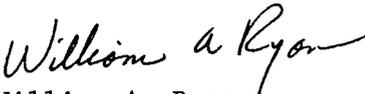
Mr. Sam Boltz, Jr.
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Gulf Oil Corporation
P.O. Box 2619
Casper, WY 82602
Attn: Dale Blakeman

Gentlemen:

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

Sincerely,


William A. Ryan

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado
R. Boschee
P. Smith
J. M. Kunz
M. Clarke
I. Chai



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

April 2, 1985

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

Gentlemen:

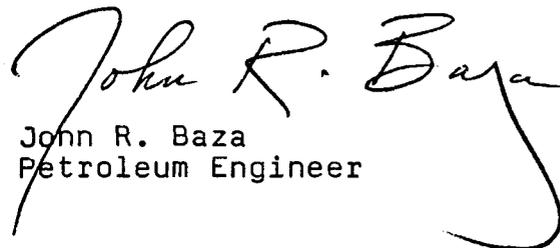
RE: Review of Submitted Production and Disposition Information.

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

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

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

Sincerely,


John R. Baza
Petroleum Engineer

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

Well No. N.G.C. # 22-20
Sec. 20, T. 8S R. 22E
Uintah County, Utah

Scott M. Matheson
Governor

STATE OF UT
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
Utah Water Pollution Control Committee

JIM

JUN 29 1984

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500



June 26, 1984

Calvin K. Sudweeks
Executive Secretary
Rm 410 (801) 533-6146

James O. Mason, M.D., Dr.P.H.
Executive Director
Department of Health
801-533-6111

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

Kenneth L. Alkema
Director

ATTENTION: William A. Ryan

Division of Environmental Health
801-533-6121

Gentlemen:

MEMBERS

Grant K. Borg, Chairman
W. Lynn Cottrell
Harold B. Lamb
Kenneth L. Alkema
Franklin N. Davis
Dale P. Bateman
Joseph A. Urbanik
C. Arthur Zeldin
Mrs. Lloyd G. Bliss

We acknowledge receipt of your letter dated April 6, 1984 notifying us of the location of the pond for the well described below and source of produced water in accordance with Part VI, Utah Wastewater Disposal Regulations, Section 6.5.1.b. The regulations require that the disposal pond...."shall be constructed such that no surface discharge or significant migration to the subsurface will result."

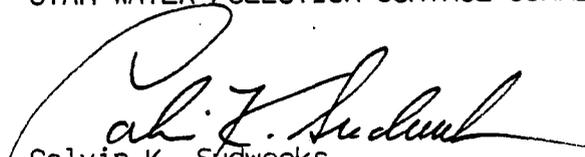
As time and weather allows, a brief inspection of this pond will be made by members of our staff during this next month. The well is:

Well Number	Location			Average Quantity(BWPD) Produced Water
	Section	Township	Range	
22-20 Federal	20	8S	22E	0.6

If you have any questions regarding this matter, please contact us.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE


Calvin K. Sudweeks
Executive Secretary

BLN:PA

cc: Division of Oil, Gas and Mining
Utah Basin District Health Department
BLM/Oil and Gas Operation

0090

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-055
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Uintah and Ouray
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1822' FWL, 1895' FNL, SE 1/4 NW 1/4		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31356		9. WELL NO. 22-20
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4806' Un. Gr.		10. FIELD AND POOL, OR WILDCAT Glen Bench
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.
		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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Request Temporary Surface Pit X		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

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

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

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

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

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/20/84
BY: John R. Day

*See Instructions Reverse Side

Natural Gas
Corporation of
California

RECEIVED
DEC 15 1986

NGC NGC

DIVISION OF
OIL, GAS & MINING

December 11, 1986

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office.

Very truly yours,



William A. Ryan
Petroleum Engineer

/kh

Attachments

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)

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

SUBMIT IN TRIPLICATE*
(See instructions on
reverse side)

121811

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-055
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal Utah 84078		7. UNIT AGREEMENT NAME Glen Bench
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31356	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4806' GR	9. WELL NO. 22-20
		10. FIELD AND POOL, OR WILDCAT Glen Bench
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.
		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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(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.)

Natural Gas Corporation of California reports the subject well vented

approximately 27 MCFD for the month of Nov.

RECEIVED
DEC 15 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE _____
William A. Ryan

(This space for Federal or State office use)

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

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

PRINT IN TRIPLICATE*
(other instructions on
reverse side)

011308

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-055	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Glen Bench	
2. NAME OF OPERATOR Natural Gas Corporation of California		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal Utah 84078		9. WELL NO. 22-20	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1822' FWL, 1895' FNL SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 20, T.8S., R.22E.		10. FIELD AND POOL, OR WILDCAT Glen Bench	
14. PERMIT NO. 43-047-31356		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4806' GR	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)*

Natural Gas Corporation of California reports the subject well vented approximately 52 MCFD for the month of Dec.

RECORDED
JAN 08 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 1/6/87

(This space for Federal or State office use)

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

RECEIVED
MAR 06 1987

March 4, 1987

DIVISION OF
OIL, GAS & MINING

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

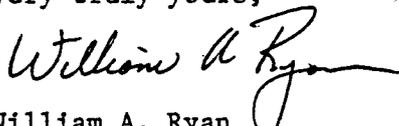
NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

43-047-31356
POW

If you need more information, please contact our Vernal office.

Very truly yours,


William A. Ryan
Petroleum Engineer

/kh

Attachments

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)

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

HIT IN TRIPLICATE*
other instructions on
reverse side)

031305

5. LEASE DESIGNATION AND SERIAL NO.

U-055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

Glen Bench

8. FARM OR LEASE NAME

Federal

9. WELL NO.

22-20

10. FIELD AND POOL, OR WILDCAT

Glen Bench

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

Sec. 20, T.8S., R.22E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

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

1822' FWL, 1895' FNL SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4806' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(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.)*

Natural Gas Corporation of California reports the subject well vented
approximately 47.8 MCFD for the month of Feb. 1987.

RECEIVED
MAR 06 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan
William A. Ryan

TITLE Petroleum Engineer

DATE March 4, 1987

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

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

SUBMIT IN TRIPLICATE*
(See instructions on reverse side)

040308

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.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Natural Gas Corporation of California</p> <p>3. ADDRESS OF OPERATOR 85 South 200 East, Vernal Utah 84078</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.</p> <p>14. PERMIT NO. 43-047-31356</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-055 POW</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Glen Bench</p> <p>8. FARM OR LEASE NAME Federal</p> <p>9. WELL NO. 22-20</p> <p>10. FIELD AND POOL, OR WILDCAT Glen Bench</p> <p>11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4806' GR</p>		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(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.)*

Natural Gas Corporation of California reports the subject well vented approximately 82 MCFD for the month of March.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 3/22/87
(This space for Federal or State office use)

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

Natural Gas
Corporation of
California

RECEIVED
APR 02 1987

DIVISION OF
OIL, GAS & MINING

April 1, 1987

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

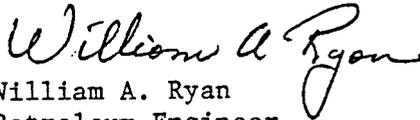
NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office.

Very truly yours,


William A. Ryan
Petroleum Engineer

/kh

Attachments

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)

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

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

5. LEASE DESIGNATION AND SERIAL NO. U-055
6. IF INDIAN, ALLOTTEE OR TRIBE NAME 051120
7. UNIT AGREEMENT NAME Glen Bench
8. FARM OR LEASE NAME Federal
9. WELL NO. 22-20
10. FIELD AND POOL, OR WILDCAT Glen Bench
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.
12. COUNTY OR PARISH Uintah
13. STATE 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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR Natural Gas Corporation of California
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal Utah 84078
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.
14. PERMIT NO. 43-047-31356
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4806' GR

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)*

Natural Gas Corporation of California reports the subject well vented approximately 62.4 MCFD for the month of April.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 5/4/87

(This space for Federal or State office use)

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

Natural Gas
Corporation of
California

RECEIVED
MAY 07 1987

May 5, 1987

DIVISION OF
OIL, GAS & MINING

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office.

Very truly yours,

William A. Ryan /cw

William A. Ryan
Petroleum Engineer

/kh

Attachments

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

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

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

SUBMIT IN TRIPLICATE*
(See instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
U-055 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
060926

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
22-20

10. FIELD AND POOL, OR WILDCAT
Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T.8S., R.22E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

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

1822' FWL, 1895' FNL SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
4806' GR

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"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

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

Natural Gas Corporation of California reports the subject well vented approximately 56.3 MCFD for the month of May 1987.

RECEIVED
JUN 04 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 6/2/87

(This space for Federal or State office use)

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

Natural Gas
Corporation of
California

RECEIVED
JUN 04 1987

DIVISION OF
OIL, GAS & MINING

June 2, 1987

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office.

Very truly yours,

William A. Ryan /cw

William A. Ryan
Petroleum Engineer

/kh

Attachments

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

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

RECEIVED
JUL 09 1987

DIVISION OF
OIL, GAS & MINING

July 6, 1987

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office.

Very truly yours,

William A. Ryan /cw

William A. Ryan
Petroleum Engineer

/kh

Attachments

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

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

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

POW

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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Natural Gas Corporation of California</p> <p>3. ADDRESS OF OPERATOR 85 South 200 East, Vernal Utah 84078</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement. See also space 17 below.) At surface 1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.</p> <p>14. PERMIT NO. 43-047-31356</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-055</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME 071706</p> <p>7. UNIT AGREEMENT NAME Glen Bench</p> <p>8. FARM OR LEASE NAME Federal</p> <p>9. WELL NO. 22-20</p> <p>10. FIELD AND POOL, OR WILDCAT Glen Bench</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
--	---

RECEIVED

JUL 09 1987

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.)

Natural Gas Corporation of California reports the subject well vented approximately 40.5 MCFD for the month of JULY 1987.
 NHC PROPOSES TO CHANGE THE VENTED GAS TESTING SCHEDULE FROM A MONTHLY TO A QUARTERLY TEST. ATTACHED IS A RECORD OF VENTED GAS TESTS.

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

SIGNED Eric F. Hadsen TITLE Petroleum Engineer DATE 7-6-87
(This space for Federal or State office use)

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

Venting Record (mcFD)

41-30 13-9 11-16 33-185 32-29I 33-32 31-30 44-19 14-35 22-20 13-20 31-20

RECEIVED
JUL 09 1987

DIVISION OF
OIL, GAS & MINING

(17.1) 3-84 (9.4) 2-84 (24) 3-84 (11.1) 4-84 (47.8) 4-84 (36) 4-84 (36.37) 7-84 (101.9) 8-84 (27) 4-84 (30) 8-84 (87.75) 8-84 (7) 8-84	✓	✓	✓	✓	✓
(11.68) 5-84 (5.7) 6-84 (17.4) 5-84 (4.8) 5-84 (47.8) 5-84 (21.6) 5-84 (24) 10-84 (104.8) 10-84 (17.4) 5-84 (46.6) 10-84 (66.52) 9-84 (17) 10-85					
(6.67) 1-85 (567) 1-85 (16.7) 6-84 (17.68) 6-84 (40) 6-84 (14.3) 6-84 (26) 12-85 (88) 12-84 (19.4) 6-84 (70) 5-85 (250) 9-84 (40) 6-86					
(6.67) 6-85 (7.3) 1-85 (13.57) 12-84 (46) 6-84 (11) 6-84 (40) 6-85 (72) 5-85 (20.7) 1-85 (40) 10-85 (95.5) 10-84 (30) 11-86					
(4.7) 12-86 1/87 (7.3) 6-85 (7) 6-85 (76.63) 12-84 (7.3) 1-84 (72) 10-85 (88) 10-85 (52) 6-86 (191) 12-84 (36) 12-86					
20.7) 7/87 (12) 7/86 (73.6) 1-85 (7.3) 1/87 (65) 5-86 (81) 10-85 (27) 11-86 (70.7) 12-84 (26) 2-87					
(6.7) 12/86 (70) 6-85 (51) 11-86 (51) 5-86 (52) 12-86 (98) 5-85 (56) 3/87					
(104) 9-85 (40) 12-86 (63) 11-86 (47.8) 2-87 (109) 10-85 29 4/15					
(70) 7/86 44 2-87 (30) 12-86 82 3-87 (98) 5-86 27 5-21-87					
(58.8) 1/87 (25) 3/87 (28.5) 2-87 62 4-87 (75) 11-86 3.4 6-7-87					
30 5-21-87 30 7-4-87 (31) 3/87 56 5-22-87 405 7-1-87 (78) 12-86					
29 4/87 (88) 2/87					
51 5-26-87 60 3/87					
388 7-2-87 54 4/87					
					904 6-30

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

STAMPT IN TRIPLICATE*
(other instructions on reverse side)

POW

5. LEASE DESIGNATION AND SERIAL NO. U-055
6. IF INDIAN, ALLOTTEE OR TRIBE NAME 090412
7. UNIT AGREEMENT NAME Glen Bench
8. FARM OR LEASE NAME Federal
9. WELL NO. 22-20
10. FIELD AND POOL, OR WILDCAT Glen Bench
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.
12. COUNTY OR PARISH Uintah
13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
4806' GR

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)*

Natural Gas Corporation of California reports the subject well vented approximately 41.5 MCFD for the month of Aug 1987.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 8/26/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Natural Gas
Corporation of
California

RECEIVED
AUG 28 1987
DIVISION OF OIL
GAS & MINING

August 26, 1987

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office.

Very truly yours,


William A. Ryan
Petroleum Engineer

/kh

Attachments

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

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

POW

5. LEASE DESIGNATION AND SERIAL NO.
U-055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
111812

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
22-20

10. FIELD AND POOL, OR WILDCAT
Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR LESS
Sec. 20, T.8S., R.22E.

12. COUNTY OR PARISH
Utah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4806' GR

NOV 16 1987
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.) *

Natural Gas Corporation of California reports the subject well vented approximately 59 MCFD for the month of November.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 11/12/87

(This space for Federal or State office use)

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

Natural Gas
Corporation of
California

RECEIVED
DEC 31 1987

DIVISION OF
OIL, GAS & MINING

December 18, 1987

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

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

Re: Report of Vented Gas

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notification of gas being vented in the Glen Bench Unit. The following wells are affected:

NGC #44-19 Federal
Sec. 19, T.8S., R.22E.
Uintah County, Utah

NGC #31-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

NGC #13-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah

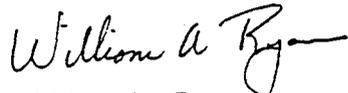
NGC #22-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

NGC #22-20 Federal
Sec. 20, T.8S., R.22E.
Uintah County, Utah.

NGC #31-30 Federal
Sec. 30, T.8S., R.22E.
Uintah County, Utah

If you need more information, please contact our Vernal office..

Very truly yours,



William A. Ryan
Petroleum Engineer

/kh

Attachments

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

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. U-055 POW
6. IF INDIAN, ALLOTTEE OR TRIBE NAME 010627
7. UNIT AGREEMENT NAME Glen Bench
8. FARM OR LEASE NAME Federal
9. WELL NO. 22-20
10. FIELD AND POOL, OR WILDCAT Glen Bench
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T.8S., R.22E.
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
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.

14. PERMIT NO. 43-047-31356

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
4806' GR

DEC 31 1987
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)

Natural Gas Corporation of California reports the subject well vented approximately 3.3 MCFD for the month of December, 1987.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 12/16/87
(This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
U-055 *POW/GRV*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
030307

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
22-20

10. FIELD AND POOL, OR WILDCAT
Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T.8S., R.22E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
FEB 24 1988

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
4806' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.)

Natural Gas Corporation of California reports the subject well vented approximately 36 MCFD for the month of February, 1988.

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

SIGNED Connie Wales TITLE Clerk DATE 2/22/88

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

5. LEASE DESIGNATION AND SERIAL NO.
U-055 Pow LGRV

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
032908

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
22-20

10. FIELD AND POOL, OR WILDCAT
Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T.8S., R.22E.

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 wells in different reservoirs. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1822' FWL, 1895' FNL SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
4806' GR

MAR 28 1988
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Natural Gas Corporation of California reports the subject well vented approximately 28 MCFD for the month of March, 1988.

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

SIGNED Connie Wales TITLE Clerk DATE 3/25/88

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

6

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to recomplete a well. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
JUN 2 1988

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1822' FWL, 1895' FNL SE 1/4 NW 1/4 Section 20, T.8S., R.22E.

14. PERMIT NO.
43-047-31356

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
4806' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Glen Bench

8. FARM OR LEASE NAME
Federal

9. WELL NO.
22-20

10. FIELD AND POOL, OR WILDCAT
Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T.8S., R.22E.

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(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.)*

Natural Gas Corporation of California reports the subject well vented approximately 22 MCFD for the month of May, 1988.

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

SIGNED Connie Wales TITLE Clerk DATE 5/31/88

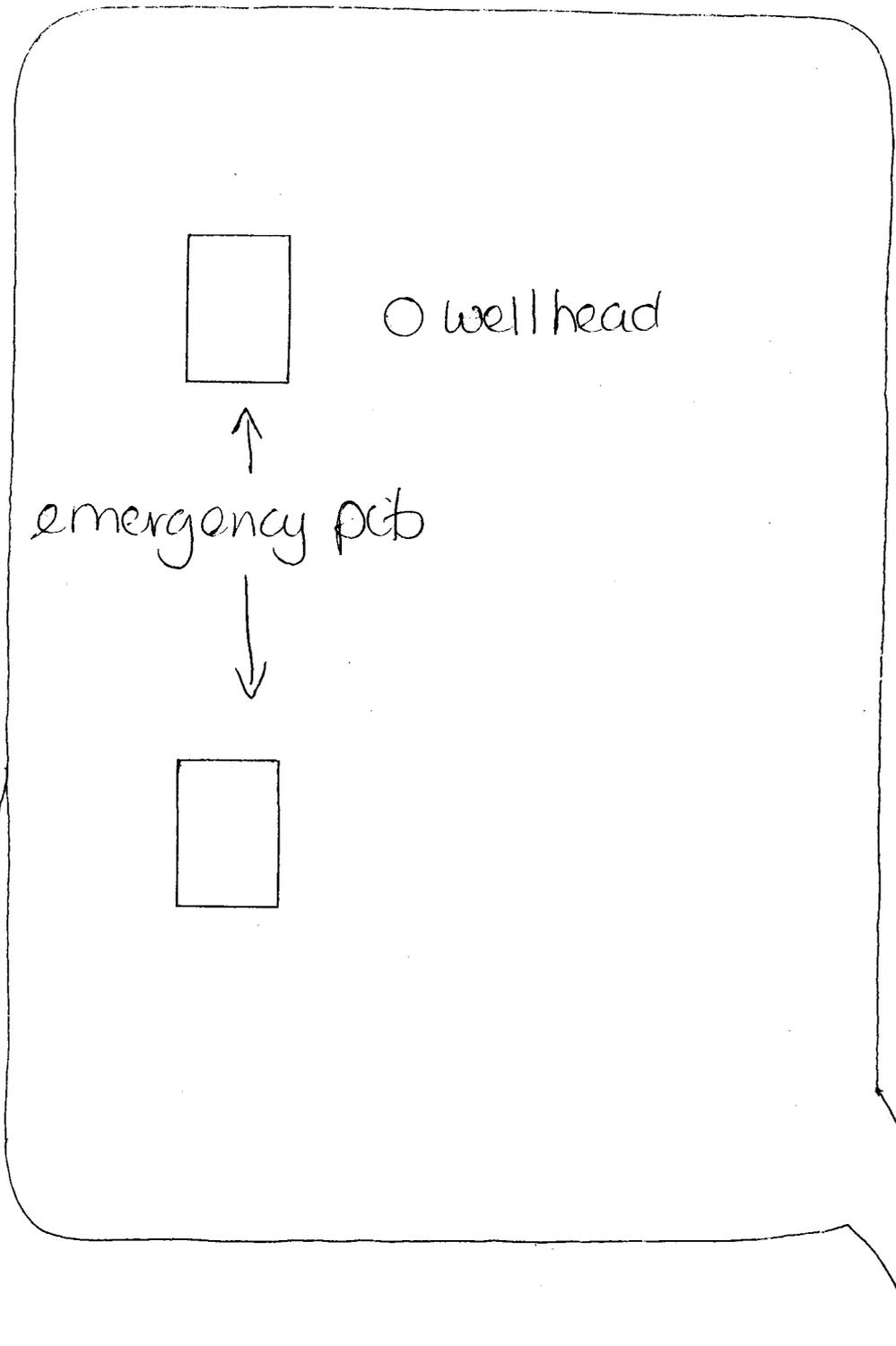
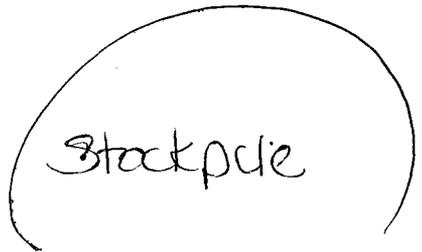
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NAC 22-20 Sec 20, T830, R22E @ Hubly 4/6/89

MICROFILM



NGC
Energy
Company

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

2001 10
RECEIVED
JUN 21 1989
OILFIELD & MINING

June 12, 1989

Dear Operator/Vendor:

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

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

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

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

All remittances should be mailed to:

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

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

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

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

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



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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0700

Report Period (Month/Year) 5 / 89

Amended Report

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

Comments (attach separate sheet if necessary) _____

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

Authorized signature _____ Telephone _____



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

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 18, 1991

Mr. Garr Roberts
Prodco, Inc.
5690 DTC Blvd., Suite 240E Tower
Englewood, Colorado 80111

Dear Mr. Roberts:

Re: Operator Change, PG&E Resources Company to Prodco, Inc. - Uintah County, Utah

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D. T. Staley
R. J. Firth
Operator Change File
WE76

January 18, 1991

RECEIVED
JAN 22 1991

DIVISION OF
OIL, GAS & MINING

State of Utah
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Lisha Romero

RE: Change of Operator

Gentlemen:

Effective October 1, 1990, PG&E Resources Company sold several leases and associated wells to:

Prodco, Inc.
5690 DTC Blvd., Suite 240E
Englewood, Colorado 80111
Attention: Mr. Garr Roberts
(303) 741-5030

Assignments of the involved leases have been sent to the Division of Lands and Forestry or the BLM, as necessary, for approval.

Enclosed is a schedule of all of the wells involved in this sale. The wells formerly operated by PG&E Resources Company (high-lighted) will now be operated by Prodco, Inc.

Very truly yours,



Douglas P. Cullen
Senior Landman

/saw

Enclosure

cc: Garr Roberts
Prodco, Inc.

Attachment 1
 Bill of Sale from PG&E Resources Company to ProdcO, Inc. dated effective October 1, 1990
 Well List
 GLEN BENCH AREA
 Township 6S through 10S, Range 21E through 24E
 Uintah County, Utah

<u>Well</u>	<u>Product</u>	<u>Location</u>	<u>W.I.</u>	<u>R.I.</u>	<u>Status Feb., '90</u>	<u>Operator</u>
43-047-31355 - 13-20 Glen Bench	Oil	NWSW 20-8S-22E	0.6667	0.55667	Producing	PG&ER
2-32 W. Walker State	Gas	NWNE 32-6S-22E	0.0 BPO 0.5 APO	0.05 BPO 0.4125 APO	Never Completed	Snyder
43-047-31356 - 22-20 Glen Bench	Oil	SEnw 20-8S-22E	0.3333	0.2883	S.I.	PG&ER
43-047-31260 - 22-30 Glen Bench	Oil	SEnw 30-8S-22E	0.6667	0.55667	S.I.	PG&ER
23-11 Sand Ridge	Gas	NESW 11-9S-23E	0.0	0.05667	S.I.	Alta Energy
43-047-30623 - 23-17 Sand Ridge	Gas	NESW 17-8S-23E	1.0 BPO 0.667 APO (300%)	0.825 BPO 0.550275% APO (300%)	Never Completed	PG&ER
23-20 Devil's Playground	Oil	NESW 20-9S-24E	0.0	0.05	S.I.	Dirty Devil L.P.

Attachment 1
 Bill of Sale from PG&E Resources Company to Procco, Inc. dated effective October 1, 1990
 Well List
 GLEN BENCH AREA
 Township 6S through 10S, Range 21E through 24E
 Uintah County, Utah

<u>Well</u>	<u>Product</u>	<u>Location</u>	<u>W.I.</u>	<u>R.I.</u>	<u>Status Feb., '90</u>	<u>Operator</u>
43-047-31007 — 23-21 Glen Bench	Gas	NESW 21-8S-22E	1.0 BPO 0.6667 APO	0.835 BPO 0.55667 APO	Never Completed	PG&ER
23-25 Sand Ridge	Gas	NESW 25-8S-23E	0.0	0.056667	Never Completed	Alta Energy
43-047-30610 — 24-22 Glen Bench	Gas	SESW 22-8S-22E	1.0 BPO 0.6667 APO	0.835 BPO 0.55667 APO	Producing	PG&ER
31-18 Hall	Gas	NWNW 31-8S-22E	0.1671	0.13952	Producing	Conoco
43-047-31433 — 31-20 Glen Bench	Oil	NWNE 20-8S-22E	0.333	0.2883	Producing	PG&ER
43-047-31008 — 31-30 Glen Bench	Oil	NWNE 30-8S-22E	1.0 BPO 0.6667 APO	0.835 BPO 0.55667 APO	S.I.	PG&ER
31-32 D & E	Gas	SESE 31-8S-22E	0.5	0.4176525	Producing	Conoco
43-047-31022 — 34-27 Glen Bench	Gas	SWSE 27-8S-22E	0.8571431	0.715714	Never Completed	PG&ER

251

Attachment 1
 Bill of Sale from PG&E Resources Company to ProdcO, Inc. dated effective October 1, 1990
 Well List
 GLEN BENCH AREA
 Township 6S through 10S, Range 21E through 24E
 Uintah County, Utah

<u>Well</u>	<u>Product</u>	<u>Location</u>	<u>W.I.</u>	<u>R.I.</u>	<u>Status Feb., '90</u>	<u>Operator</u>
43-047-3125 7 — 44-19 Glen Bench	Oil	SESE 19-8S-22E	0.6667	0.556667	S.I.	PG&ER
5-21 Federal	Oil	SWNW 21-7S-21E	0.0 BPO 0.333 APO	0.0334 BPO 0.273306 APO	Producing	Lomax
56-29 Chapita	Gas	NESW 29-9S-23E	0.2222	0.1827778	Producing	Enron
32-1 Stirrup State (Apcot)	Oil	NWNE 32-6S-21E	0.0	0.04667	Producing	TXO
32-2 Stirrup State (Apcot)	Oil	SENE 32-6S-21E	0.0	0.04667	Producing	TXO
32-4 Stirrup State (Apcot)	Gas	NWNE 32-6S-21E	0.0	0.04667	Producing	TXO
1 Raging Bull	Oil	NESW 26-8S-24E	0.0 BPO 0.25 APO	0.04 BPO 0.20625 APO	S.I.	Gilmore Oil & Gas

Attachment 1
Bill of Sale from PG&E Resources Company to Prodc, Inc. dated effective October 1, 1990
Well List
GLEN BENCH AREA
Township 6S through 10S, Range 21E through 24E
Uintah County, Utah

<u>Well</u>	<u>Product</u>	<u>Location</u>	<u>W.I.</u>	<u>R.I.</u>	<u>Status Feb., '90</u>	<u>Operator</u>
28-1 Conoco State	Gas	SESE 28-8S-25E	0.0	0.05	S.I.	---
32-2 Conoco State	Oil	NENE 32-8S-23E	0.0	0.05	S.I.	---
41-9 Devil's Playground	Gas	NENE 9-9S-24E	0.0	0.03667	Producing	EPS
23-17 Dirty Devil	Gas	NESW 17-9S-24E	0.0	0.05	Producing	Dirty Devil L.P.
1-18 Devil's Playground	Gas	NWNE 18-9S-24E	0.0	0.03333	Producing	EPS
11-29 Dirty Devil	Gas	NWNW 29-9S-24E	0.0	0.06333	Producing	Dirty Devil L.P.
31-15A Dirty Devil	Gas	NWNE 15-9S-24E	0.0	0.05667	---	Dirty Devil L.P.

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

RECEIVED
JAN 24 1991

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. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		DIVISION OF OIL, GAS & MINING		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Production Operating and Development Co., Inc., dba "PRODCO, Inc."		7. UNIT AGREEMENT NAME Glen Bench		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 5690 DTC Blvd., Suite 240E, Englewood, Colorado 80111		8. FARM OR LEASE NAME Glen Bench Federal		9. WELL NO. See Below
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Below		10. FIELD AND POOL, OR WILDCAT Glen Bench		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA See Below
14. PERMIT NO.	15. ELEVATIONS (Show whether OP, RT, GR, etc.)	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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

PRODCO, Inc. has purchased PG&E Resources interests and has assumed operations of the following wells under Bond #UT-0808 effective December 1, 1990:

	API #	Lease #
1. Glen Bench Federal 23-17, NE/SW SEC 17, T8S, R22W ^{21E}	43-047-30623	U-0143276
2. Glen Bench Federal 13-20, NW/SW SEC 20 T8S, R22W ^E	43-047-31355	U-9617
3. Glen Bench Federal 22-20, SE//NW SEC 20 T8S, R22W ^E	43-047 31356	U-055
4. Glen Bench Federal 31-20, NW/NE, SEC 20, T8S, R22W ^E	43-047-31433	U-055
5. Glen Bench Federal 44-19, SE/SE, SEC 19 T8S, R22W ^E	43-047-31257	U-9617
6. Glen Bench Federal 23-21, NE/SW SEC 21 T8S, R22W ^E	43-047-31007	U-28652
7. Glen Bench Federal 24-22, SE/SW SEC 22, T8S, R22W ^E	43-047-30610	U-28652
8. Glen Bench Federal 34-27, NW/SE, SEC 27, T8S, R22W ^E	43-047--31022	U-28652
9. Glen Bench Federal 22-30, SE/NW, SEC 30, T8S, R22W ^E	43-047- 31260	U-9617
10. Glen Bench Federal 31-30, NW/NE, SEC 30, T8S, R22W ^E	43-047-31008.	U-9617

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

SIGNED Gary R Roberts TITLE President DATE 1/21/91

(This space for Federal or State office use)

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

Routing:

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- LCR

Attach all documentation received by the Division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-9-91)

TO (new operator)	<u>PRODCO, INC.</u>	FROM (former operator)	<u>PG&E RESOURCES COMPANY</u>
(address)	_____	(address)	_____
	_____		_____
	_____		_____
phone ()	_____	phone ()	_____
account no. <u>N</u>	_____	account no. <u>N</u>	_____

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

Name: <u>NGC 22-20/GRRV</u>	API: <u>4304731356</u>	Entity: <u>6135</u>	Sec <u>20</u> Twp <u>8S</u> Rng <u>22E</u>	Lease Type: <u>U-055</u>
Name: <u>FEDERAL 31-20/GRRV</u>	API: <u>4304731433</u>	Entity: <u>6196</u>	Sec <u>20</u> Twp <u>8S</u> Rng <u>22E</u>	Lease Type: <u>U-055</u>
Name: <u>GLEN BENCH 34-27/DRL</u>	API: <u>4304731022</u>	Entity: <u>10880</u>	Sec <u>27</u> Twp <u>8S</u> Rng <u>22E</u>	Lease Type: <u>U-2865</u>
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

- (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- 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: _____.
- (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.
- Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- Cardex file has been updated for each well listed above.
- Well file labels have been updated for each well listed above.
- Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 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

- 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 5, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 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

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: _____ 19____.

INDEXING

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

REMARKS

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCR	<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

**12-24-90

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-9-91)

TO (new operator)	<u>PRODCO, INC.</u>	FROM (former operator)	<u>PG&E RESOURCES COMPANY</u>
(address)	<u>5690 DTC BLVD, STE 240E TOWER</u>	(address)	<u>5950 BERKSHIRE LANE #600</u>
	<u>ENGLEWOOD, CO 80111</u>		<u>DALLAS, TX 75225</u>
	<u>GARR ROBERTS</u>		
	phone <u>(303)721-7750</u>		phone <u>(214)750-3823</u>
	account no. <u>N1320 (1-23-91)</u>		account no. <u>N0595</u>

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

FEDERAL Bench-Knit

- | | | | | |
|--------------------------------------|------------------------|---------------------|--|----------------------------|
| Name: <u>GLEN BENCH 31-30 /GRRV</u> | API: <u>4304731008</u> | Entity: <u>6045</u> | Sec <u>30</u> Twp <u>8S</u> Rng <u>22E</u> | Lease Type: <u>U-9617</u> |
| Name: <u>NGC FED 44-19 /GRRV</u> | API: <u>4304731257</u> | Entity: <u>6045</u> | Sec <u>19</u> Twp <u>8S</u> Rng <u>22E</u> | Lease Type: <u>U-9617</u> |
| Name: <u>NGC 13-20 / GRRV</u> | API: <u>4304731355</u> | Entity: <u>6045</u> | Sec <u>20</u> Twp <u>8S</u> Rng <u>22E</u> | Lease Type: <u>U-9617</u> |
| Name: <u>NGC 22-30 / GRRV</u> | API: <u>4304731260</u> | Entity: <u>6050</u> | Sec <u>30</u> Twp <u>8S</u> Rng <u>22E</u> | Lease Type: <u>U-9617</u> |
| Name: <u>GLEN BENCH 23-21/MVRD</u> | API: <u>4304731007</u> | Entity: <u>6054</u> | Sec <u>21</u> Twp <u>8S</u> Rng <u>22E</u> | Lease Type: <u>U-28652</u> |
| Name: <u>FEDERAL 24-22 / WSTC</u> | API: <u>4304730610</u> | Entity: <u>6124</u> | Sec <u>22</u> Twp <u>8S</u> Rng <u>22E</u> | Lease Type: <u>U-28652</u> |
| Name: <u>FED 23-17 SAND RIDGE //</u> | API: <u>4304730623</u> | Entity: <u>6126</u> | Sec <u>17</u> Twp <u>8S</u> Rng <u>23E</u> | Lease Type: <u>U-01432</u> |
- WSTC

OPERATOR CHANGE DOCUMENTATION

- Self 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 1-18-91/Susan Walker) (Rec. 1-22-91)
- Self 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 1-18-91/Barr Roberts) (Rec. 1-24-91)
- Self 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) NO If yes, show company file number: _____ (Letter mailed 1-18-91)
- Self 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.
- Self 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-28-91)
- Self 6. Cardex file has been updated for each well listed above.
- Self 7. Well file labels have been updated for each well listed above.
- Self 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- Self 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

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) NO (If entity assignments were changed, attach copies of Form 5, Entity Action Form). Entity 6045 - CREV A P.A. Other wells single entity - ok!
6124 - WSTC A P.A.
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 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

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: January 30 1991.

FILED

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

REMARKS

9/10/22 Bfm/Usual Changes have been approved "Glen Beach Unit" includes leases (u-9617, u-28652, u-055) eff. 1-9-91. Lease u-0143276 eff. 12-24-90. (Not a unit well)
 ↳ This lease is not a part of "Glen Beach Unit" but was also approved by Bfm eff. 1-9-91.



5690 DTC Boulevard • Suite 240 East • Englewood, CO 80111 • (303) 721-7750 • FAX (303) 741-6817

* 911030 Orig to Plume/File Rm.
then back to me?

October 1, 1991

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

(N1320)

PRODCO INC. has a change of address that needs to be changed in your office for correspondence concerning the following leases and wells that PRODCO INC. is the operator of:

- | | |
|---------------------------|---|
| 1. Lease # UTU0143276 | Well- Sand Ridge 23-17 43-047-30623, S. 17, T. 8S, R. 22E |
| 2. Lease # UTU055 | Well- Glen Bench 22-20 43-047-31356, S. 20, T. 8S, R. 22E
Glen Bench 31-20 43-047-31433, S. 20, T. 8S, R. 22E |
| 3. Lease # UTU28652 | Well- Glen Bench 23-21 43-047-31007, S. 21, T. 8S, R. 22E
Glen Bench 34-27 43-047-31022, S. 27, T. 8S, R. 22E |
| 4. Lease # UTU9617 | Well- Glen Bench 22-30 43-047-31260, S. 30, T. 8S, R. 22E |
| 5. Agreement # 891018087A | Well- Glen Bench 24-22 43-047-30610, S. 22, T. 8S, R. 22E |
| 6. Agreement # 891018087B | Well- Glen Bench 31-30 43-047-31008, S. 30, T. 8S, R. 22E
Well- Glen Bench 44-19 43-047-31257, S. 19, T. 8S, R. 22E
Well- Glen Bench 13-20 43-047-31355, S. 20, T. 8S, R. 22E |

The new address will be:

PRODCO INC.
18053 East Belleview Place
Aurora, Colo. 80015

(303)693-2200

If I can be of further assistance, please feel free to contact me at any time.

Thank You,

Garr R. Roberts
President

RECEIVED

OCT 24 1991

DIVISION OF
OIL GAS & MINING

*911030 updated
for

FILED

APR 10 1995

SECRETARY, BOARD OF
OIL, GAS & MINING

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

IN THE MATTER OF THE RE
AGENCY ACTION OF CHA
ASSOCIATES, INC. FOR APPR
SECONDARY RECOVERY PRO
WATERFLOOD AND ENHANCED
WELLS, AND THE UNITIZATI
AND GAS INTERESTS IN THE G
FORMATION WITHIN THE GI
FIELD, UINTAH COUNTY,
ACCORDANCE WITH UTAH ()
§§ 40-6-7 AND 40-6-8; FOR)
APPROVING THE CONVERSION)
22-20 FEDERAL WELL TO)
INJECTION WELL IN THE G)
FORMATION; AND FOR AN A)
TO EXCLUDE THE GLEN BENCH)
FORMATION FROM A PART OF THE WHITE)
RIVER UNIT)

F.Y.I.

EST FOR AGENCY ACTION

To: _____
From: _____

t No. 95-008

No. 235-1

Return *Geol*
Keep or toss *Inc*

Post-itTM F.Y.I. pad 7668

COMES NOW Chandler & Associates, Inc., Petitioner herein, by and through its attorneys Pruitt, Gushee & Bachtell, and pursuant to Utah Code Ann. §§ 40-6-7 and -8, and petitions the Board of Oil, Gas and Mining for approval for a secondary recovery program by waterflood and enhanced recovery wells, for the unitization of the interests in oil and gas in the Glen Bench Formation within the Glen Bench Field, Uintah County, Utah, for conversion of the NGC 22-20 Federal well to a water injection well in the Glen Bench Formation and for an amendment to the White River Unit to exclude the Glen Bench Formation from the White River Unit as to Lots 6 and 7, NE ¼ SE ¼ of Section 9 and the NW ¼ SW ¼ of Section 10, Township 8 South, Range 22 East, SLM.

FILED

APR 10 1995

SECRETARY, BOARD OF
OIL, GAS & MINING

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

IN THE MATTER OF THE REQUEST FOR)
AGENCY ACTION OF CHANDLER &)
ASSOCIATES, INC. FOR APPROVAL OF A)
SECONDARY RECOVERY PROGRAM BY)
WATERFLOOD AND ENHANCED RECOVERY)
WELLS, AND THE UNITIZATION OF OIL)
AND GAS INTERESTS IN THE GLEN BENCH)
FORMATION WITHIN THE GLEN BENCH)
FIELD, UINTAH COUNTY, UTAH, IN)
ACCORDANCE WITH UTAH CODE ANN.)
§§ 40-6-7 AND 40-6-8; FOR AN ORDER)
APPROVING THE CONVERSION OF THE NGC)
22-20 FEDERAL WELL TO A WATER)
INJECTION WELL IN THE GLEN BENCH)
FORMATION; AND FOR AN AMENDMENT)
TO EXCLUDE THE GLEN BENCH)
FORMATION FROM A PART OF THE WHITE)
RIVER UNIT)

REQUEST FOR AGENCY ACTION

Docket No. 95-008

Cause No. 235-1

COMES NOW Chandler & Associates, Inc., Petitioner herein, by and through its attorneys Pruitt, Gushee & Bachtell, and pursuant to Utah Code Ann. §§ 40-6-7 and -8, and petitions the Board of Oil, Gas and Mining for approval for a secondary recovery program by waterflood and enhanced recovery wells, for the unitization of the interests in oil and gas in the Glen Bench Formation within the Glen Bench Field, Uintah County, Utah, for conversion of the NGC 22-20 Federal well to a water injection well in the Glen Bench Formation and for an amendment to the White River Unit to exclude the Glen Bench Formation from the White River Unit as to Lots 6 and 7, NE ¼ SE ¼ of Section 9 and the NW ¼ SW ¼ of Section 10, Township 8 South, Range 22 East, SLM.

In support hereof, Petitioner represents that:

1. Petitioner, Chandler & Associates, Inc., is a corporation organized and existing under and by virtue of the laws of the State of Colorado, and is duly authorized to transact business in the State of Utah, with its offices being located at 475 Seventeenth Street, Suite 1000, Denver, Colorado 80202.

2. Petitioner is presently engaged in forming a unit for the purpose of conducting secondary recovery operations of oil and gas in the Glen Bench Formation within the Glen Bench Field through the use of injection wells to enhance recovery of leased substances from the designated lands. Some of the injection wells will be drilled or designated subsequent to this Petition.

STATEMENT OF FACTS AND REASONS FOR RELIEF

A. Glen Bench Unit.

3. The proposed Glen Bench Unit Area will consist of 2,641.26 acres in Uintah County, Utah, described as follows:

Township 8 South, Range 22 East, SLM

Section 9: Lots 6 and 7, NE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 10: Lot 1, NW $\frac{1}{4}$ SW $\frac{1}{4}$
Section 15: NW $\frac{1}{4}$ NW $\frac{1}{4}$
Section 16: W $\frac{1}{2}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 17: S $\frac{1}{2}$, E $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$
Section 19: Lots 5, 11, 12, 13, 14, 15, 18, 19, 20
Section 20: W $\frac{1}{2}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 29: Lot 2
Section 30: Lots 3, 5-12, 14, NE $\frac{1}{4}$ SW $\frac{1}{4}$:

4. Attached hereto as Exhibit "A", and by this reference specifically incorporated herein, is a tabulation showing the names and addresses of each operator or mineral and surface owner, as shown by the official records, of each separate tract of land within the proposed Unit area and within one-half mile of the proposed Unit area, including each person owning a fee, leasehold, mineral or royalty interest and all persons owning an interest in the oil and gas or production therefrom. The specific legal description and list of oil and gas owners for each separate tract within the Unit area is fully set forth on Exhibit "B" to the Unit Agreement. The proposed Unit Agreement along with the Unit Operating Agreement will be submitted as an Exhibit in accordance with Utah Administrative Code R641-105-500.

5. A secondary recovery program by waterflood is proposed in the Glen Bench Field, Glen Bench Formation, Uintah County, Utah. The Glen Bench Formation extends

laterally throughout the proposed Unit area. Petitioner believes, and therefore alleges that the proposed secondary recovery project is in the public interest, promotes conservation, is protective of correlative rights, is reasonably necessary to increase the ultimate recovery of oil and gas, and will prevent the waste of oil and gas.

6. The producing interval in the Glen Bench Field is represented by that certain stratigraphic interval from 4851' to 4862' log measured depth in the NGC 22-20 Federal well located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 20, Township 8 South, Range 22 East, SLM. This interval is the formation from which all wells are currently producing or have produced within the proposed Unit area.

7. The addition of an artificial water drive mechanism through water injection will significantly increase ultimate recovery from the proposed Glen Bench Unit.

8. The value of the estimated additional recovery of oil or gas substantially exceeds the estimated additional cost incident to conducting such operations.

9. The operator of the proposed waterflood project will be the Petitioner herein, Chandler & Associates, Inc.

10. Petitioner owns all the working interest in the proposed Unit and has consented to the proposed plan of unitization and operating plan.

11. All Exhibits to this Petition which are required pursuant to Utah Admin. Code R649-5-1 and which are not included herein will be provided separately in accordance with Utah Admin. Code R641-105-500.

B. Water Injection Well.

12. The proposed injection well to begin Unit operations is the NGC 22-20 Federal well located in SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 20, Township 8 South, Range 22 East, SLM.

13. Included in Exhibit "A" are the names and address of each operator, and mineral and surface owner, as shown by the official records, of all governmental quarter sections or lots equivalent thereto directly or diagonally offsetting, and within one-half mile of the proposed injection well, including each person owning a fee, leasehold, mineral or royalty interest and all persons owning an interest in the oil and gas or production therefrom.

14. Injection rates are estimated to range from an average of 600 BWPD to a maximum of 619 BWPD per well. The injection wellhead pressure will not exceed 725 psig. The original source of injection supply water will be the White River Unit #31-4 well located in the SE $\frac{1}{4}$ of Section 4, Township 8 South, Range 22 East, SLM.

15. There are no shallow fresh water zones in the Unit area.

16. The Unit operator will seek approval from the Board on all wells to be drilled or converted to injection wells within the Unit when said wells are needed.

17. Petitioner believes and alleges that the proposed Unit and secondary recovery project is in the public interest, promotes conservation, is protective of correlative rights and is reasonably necessary to increase the ultimate recovery of oil and gas, and will prevent the waste of oil and gas.

18. All Exhibits to this Petition which are required pursuant to Utah Admin. Code R649-5-2 and which are not included herein will be provided separately in accordance with Utah Admin. Code R641-105-500.

C. Amendment to the White River Unit.

19. All formations underlying Lots 6 and 7, NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 9 and the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 8 South, Range 22 East, SLM are currently committed to the White River Unit, and form Participating Areas "B" and "Parachute Creek."

20. The Glen Bench Formation exists under the lands described in paragraph 19 above, which Petitioner proposes to include in the Glen Bench Unit.

21. Petitioner owns all the working interest in the lands described in paragraph 19 above.

22. Included within Exhibit "A" are the names and addresses of each mineral and surface owner, as shown by the official records, within the Participating Areas "B" and "Parachute Creek" of the White River Unit, and also the names and addresses of mineral owners within other (non-contiguous) participating areas in the White River Unit.

23. Petitioner believes that the proposed Unit and secondary recovery project will benefit production from the Glen Bench Formation as to the lands in paragraph 19 and that these lands, as to the Glen Bench Formation only, should be excluded from the White River Unit, and included in the Glen Bench Unit; except as provided herein, the White River Unit will not be affected in any respect.

REQUEST FOR RELIEF

The Petitioner believes and therefore alleges and requests the Board to find:

1. The material averments of this Petition are true and correct;
2. The proposed plan of unitization and operating plan are feasible, are in the public interest, protect correlative rights, will prevent waste and can be reasonably expected to increase the ultimate recovery of oil and gas, and the value thereof can be reasonably expected to exceed the estimated additional costs incident to conducting unit operations;

3. The oil and gas allocated to each separately owned tract within the unit area under the proposed plan of unitization represents, so far as can be practically determined, each such tract's just and equitable share of the oil and gas in the unit area;

4. Injection into the proposed zone will not initiate vertical fractures into or through the overlying strata which could enable the injected fluids or formation fluids to enter any fresh water strata because no fresh water zones exist, and because of the manner in which the wells have or will be completed;

5. No unplugged wells exist or will exist which will allow the migration of the injected fluids or formation fluids to enter any fresh water strata;

6. The maximum proposed daily injection rate and the maximum proposed injection pressure will not exceed the BWPD and psig authorized by the United States Environmental Protection Agency and the Utah Division of Oil, Gas and Mining;

7. The fluids to be injected will come from a source well which is located in the SE $\frac{1}{4}$ of Section 4, Township 8 South, Range 22 East, SLM;

8. The Glen Bench Formation exists in Lots 6 and 7, NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 9 and the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 8 South, Range 22 East, SLM; and

9. The proposed unit and secondary recovery project will increase the ultimate recovery of oil and gas from the Glen Bench Formation as to the lands in paragraph 8.

WHEREFORE, Petitioner respectfully requests as to the secondary recovery program by waterflood and the unitization and the unit operation of the Glen Bench Unit, that this matter be set for hearing on May 24, 1995, that notice of such hearing be given as provided by law, and that upon evidence produced at the hearing, for an order from the Board:

(a) Providing for and approving the unitized management, operation, and development of the Glen Bench Formation, Glen Bench Field in the proposed Unit area as a common source of supply;

(b) Authorizing the proposed waterflood project for the Glen Bench Formation, Glen Bench Field in the proposed Unit area as applied for herein;

(c) Approving the proposed plan of unitization and proposed operating plans for the Glen Bench Unit;

(d) Authorizing the operator to convert NGC 22-20 Federal well from a producing well to a water injection well, and drill additional water injection wells, and abandon water injection wells in the unit, upon obtaining all necessary approvals as required by law;

(e) Making such findings and orders in connection with this Petition as it deems necessary; and

(f) Providing for such other and further relief as may be just and equitable under the circumstances.

FURTHER, Petitioner respectfully requests that the matter of converting the NGC 22-20 Federal well into an injection well also be set for hearing on May 24, 1995, that notice of such hearing be given as provided by law, and for an order by the Board approving the injection of water into the Glen Bench Formation within the Glen Bench Unit through the NGC 22-20 Federal well.

FURTHER, Petitioner respectfully requests that the matter of the White River Unit being amended to exclude Lots 6 and 7, NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 9 and the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 8 South, Range 22 East, SLM as to the Glen Bench Formation only also be set for hearing on May 24, 1995, that notice of such hearing be provided by law, and that upon evidence produced at the hearing, for an order from the Board approving the amendment to the White River Unit to exclude these lands as to the Glen Bench Formation only.

Respectfully submitted this 10th day of April, 1995.

PRUITT, GUSHEE & BACHTTELL
1850 Beneficial Life Tower
Salt Lake City, Utah 84111
Telephone: (801)531-8446

Attorneys for Petitioner:

By: 
Thomas W. Bachtell

EXHIBIT "A"

CERTIFICATE OF MAILING

I hereby certify that I caused a true and correct copy of the foregoing petition of Chandler & Associates, Inc., to be mailed, regular mail or certified, as designated, postage prepaid, this 10th day of April, 1995.

MAILING LIST-CERTIFIED MAIL

* Bureau of Land Management
324 South State St., Suite 301
Salt Lake City, UT 84111-2303

* Robert W. Brinkerhoff, Jr.
450-635 Eighth Avenue SW
Calgary, Alberta
Canada

* James C. Reeder
% Ray Hoover & Associates
8350 Wilshire Boulevard
Beverly Hills, CA 90211

* James Thompson Brown
6225 Vine Hill School Road
Sebastopol, CA 95472

* Chandler & Associates, Inc.
475 17th Street, Suite 1000
Denver, CO 80202

* Adah G. Macauley Trust
P.O. Box 1196
Englewood, CO 80150

* Thomas G. Dorough, Trustee
The Thomas G. Dorough Trust
P.O. Box 1196
Englewood, CO 80150

* RWB Oil Corporation
17 Random Road
Englewood, CO 80110

* ZKB Properties
555 17th Street, Suite 3410
Denver, CO 80202

* Brinkerhoff Enterprises
555 17th Street, Suite 3410
Denver, CO 80202

* Christopher E. Chapman
1449 Ridgeway Street
Oceanside, CA 92054

* Carole Chapman Sanchez
6550 126 Ponto Drive
Carlsbad, CA 92009

* Chadwick B. Morris
P.O. Box 21904
Salt Lake City, UT 84121

* D.J. Stone
420 Santa Rita Avenue
Menlo Park, CA 94025

* David B. Morris
172 Braewick Road
Salt Lake City, UT 84103

* Minerals Management Service
Royalty Management Program
N.A. Ind. Exec.
P.O. Box 2558
Houston, TX 77252

* Edwin W. Senior
382 Foxborough Drive
Mountain View, CA 94041

* Ellen M. Potter
519 West Taylor, Space 45
Santa Maria, CA 93454

* Erving Wolf
1001 Fannin, Suite 2000
Houston, TX 77002

* H. Ross Brown Marital Trust
Gretchen B. Nordlund, Trustee
2851 Kentucky Avenue
Salt Lake City, UT 84117

* J.R. Williams
205 Ridgecrest Drive
Jacksonville, TX 75766

* Nan S. Robinson
622 Greenwich Street
New York, NY 10014

* Naylor T. and Kathlyn Clegg
Co-Trustees Viable Trust
29 East Cannon Perdido
Santa Barbara, CA 93101

* Noel C. Brusman Trust
M.A. Brusman & S.L. Baum, Trustees
1361 East 57th Street
Chicago, IL 60637

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

* Patricia Reeder Eubank
350 Calle Bonita
Santa Ynez, CA 93460

* Raymond T. Senior
1409 Butler Avenue
Salt Lake City, UT 84102

* Renee S. Kindler
762 Matsonia Drive
Foster City, CA 94404

* Janet Brown
Bank America #04135-03872P
P.O. Box 69
Menlo Park, CA 94026

* John Brinkerhoff
1355 Scott Crescent
Kelowna, British Columbia
Canada V1Z 2R9

* Joseph Gerald Denton
5411 W. University Blvd.
Dallas, TX 75209

* Laura B. Palmer
Box 7, Site 25, RR #8
Calgary, Alberta
Canada T2J 2I9

* Lillian W. Davis Estate
% Edwin W. Senior
382 Foxborough Drive
Mountain View, CA 94041

* Mary Jane Hamm
12014 Timberlake Court
Dallas, TX 75230

* Rodney B. Morris
15867 Blue Jane Lane
Sister, OR 97759

* Sidney & Francis Martin
5624 South Harvard Court
Tulsa, OK 74135

* Suzanne M. Denton Cohen
5411 West University Boulevard
Dallas, TX 75209

* Terry B. Morris
2196 South 900 East
Bountiful, UT 84010

* The Ballard Company
8670 Creek Trail
Morrison, CO 80465

* Vervene Carlisle
777 East South Temple #7D
Salt Lake City, UT 84102

* Victoria S. Johnson
1447 East 9200 South
Sandy, UT 84092

* Maxine Deike
P.O. Box 666
Pine Bluffs, WY 82082

* MHB Properties
% Milford H. Brinkerhoff
1873 So. Bellaire St., Suite 1000
Denver, CO 80222

* Key Production Company
P.O. Box 299639
Houston, TX 77299

* Allan R. Larson
4876 West Fair Avenue
Littleton, CO 80123

* Minerals Management Service
Royalty Management Program
P.O. Box 5810
Denver, CO 80225

* Sidney A. Martin
2620 Niagara Street
Denver, CO 80207

* Roy L. Tallant
830 de la Guerra Terrace
Santa Barbara, CA 93103

* George H. Gaul
60 Santal Drive
Menlo Park, CA 94025

* J.R. Williams
Apr. 214, French Quarters Apt.
Route 5
Jacksonville, TX 75761

* B.C. Campbell
2370 Lynwood Drive
Salt Lake City, UT 84109

* Milford H. Brinkerhoff
555 17th Street, Suite 3410
Denver, CO 80202

* ZKB Enterprises Ltd.
555 17th Street, Suite 3410
Denver, CO 80202

* Mary Jane Hamm
555 17th Street, Suite 3410
Denver, CO 80202

* RWB Oil Corporation
555 17th Street, Suite 3410
Denver, CO 80202

* Laura B. Palmer
555 17th Street, Suite 3410
Denver, CO 80202

* John Brinkerhoff
555 17th Street, Suite 3410
Denver, CO 80202

* Robert W. Brinkerhoff, Jr.
555 17th Street, Suite 3410
Denver, CO 80202

* The Ballard Co.
1295A Bear Mountain Drive
Boulder, CO 80202

* D.J. Stone
217 Town and Country Village
Palo Alto, CA 94301

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

* Joseph Gerald Denton
602 Clear Bay
Dallas, TX 75248

* D.J. Stone, Colleen Karchner
Stone & David Stone, Trustees
of the Stone Family Trust
217 Town & Country Village
Palo Alto, CA 94301

* Key Production Company
1700 Lincoln Street, Suite 2050
Denver, CO 80203-4520

* Texas Commerce Bank NA,
Ind. Executor
P.O. Box 2558
Houston, TX 77252

* Patricia R. Edwards & James Reeder
% Mary Lee C. Reeder
610 N. Rexford
Beverly Hills, CA 90210

* Zack Brinkerhoff
555 17th Street, Suite 3410
Denver, CO 80202

* Jack Brinkerhoff
555 17th Street, Suite 3410
Denver, CO 80202

* Alamo Corporation
2010 34th Street
Lubbock, TX

* Gladys Young Williams
2244 Oak Crest Drive, South
Palm Springs, CA 92262

* Clair M. and Raymond T. Senior
1409 Butler Avenue
Salt Lake City, UT 84102

* Estate of Norinne Brown Morris
Richard P. Morris, David B. Morris &
Terry B. Morris
NO ADDRESS OF RECORD

* H. Ross Brown
% Gretchen B. Nordlund, Trustee
2851 Kentucky Avenue
Salt Lake City, UT 84117

* Janet Brown Oakford
NO ADDRESS OF RECORD

* James Thompson Brown
NO ADDRESS OF RECORD

* Elizabeth B. Ballard Trust
555 17th Street, Suite 3410
Denver, CO 80202

* J.R. Williams
2244 Oak Crest Drive, South
Palm Springs, CA 92262

MAILING LIST - REGULAR MAIL

United States of America as
Trustee for the Ute Indian
Tribe
Bureau of Indian Affairs
Uintah and Ouray Agency
Fort Duchesne, UT 84026

State of Utah
School & Institutional Trust
Lands Administration
3 Triad Center, Suite 400
355 W. North Temple
Salt Lake City, UT 84180-1204

Scott C. & Leslie A. Peterson
3394 West 440 South
Vernal, UT 84078

F. Jeffrey & Tamra T. Peterson
5102 Edenburg
Boise, ID 83703

Kidd Family Partnership
3838 Oak Lawn Avenue, Suite 500
Dallas, TX 75219-4506

Procco Inc.
18053 East Belleview Place
Auroro, CO 80015

The Hawks Company Limited
Partnership
221 South Walcott
Casper, WY 82602

Mary Hedges
2030 West 44th Street
Casper, WY 82602

Wilda Chapman
3375 Ridgecrest Drive
Carlsbad, CA 92009

James R. Brown, Trustee
Jardine, Linebaugh, Brown &
Dunn Profit Sharing Plan
370 East South Temple #401
Salt Lake City, UT 84111

Paul Schwartz
2101 North Main Street
Centerville, UT 84014

Utah Resources International
709 Walker Bank Building
Salt Lake City, UT 84111

NGC Production Company
Four Embarcadero Center #1400
San Francisco, CA 94111

S.N. Goodyear
82 Middlesex Road
Buffalo, NY 14206

Jacqueline E. Chorney
P.O. Box 8437
Denver, CO 80201

Jane E. Chorney
555 17th Street, Suite 1000
Denver, CO 80202

Conoco Inc.
P.O. Box 1267
Ponca City, OK 74603

Enron Oil & Gas Co.
1400 Smith Street
P.O. Box 1188
Houston, TX 77251-1188

Virginia Lee Saunders
1442 Seville Road
Santa Fe, NM 87501

Warren Driskell
P.O. Box 1021
Denver, CO 80295

Wyoming National Bank of Casper
P.O. Box 2799
Casper, WY 82602

Pacific Transmission Supply Co.
245 Market Street
San Francisco, CA 94105

Pacific Ga. Transmission Co.
245 Market Street
San Francisco, CA 94105

PG&E Resources Co.
5950 Berkshire Lane, Suite 600
Dallas, TX 75225

Vectra Bank of Denver
999 18th Street, Suite 111
Denver, CO 80202

Alan L. Buck Olsen
1616 Glenarm Place, #2370
Denver, CO 80202

Prodco Co., Inc.
518 17th Street, Suite 1070
Denver, CO 80202

Joseph A. Thomas
1 William Street
New York, NY 10004

Warren Driscoll
P.O. Box 1021
Denver, CO 80201

Jacqueline Eve Chorney
555 17th Street, Suite 1000
Denver, CO 80202

Chevron U.S.A. Inc.
P.O. Box 36366
Houston, TX 77236-9961

Grace Hall Kimball
(S. Heber)
3232 South 1700 East
Salt Lake City, UT 84106

Merlin Singfield, Juanita Bergreen and
Roland Singfield, as JT
P.O. Box 394
Dutch John, UT 84523

The Lynn S. and Eula M. Hall Trust #3
2256 North 2500 West
Vernal, UT 84078

David B. Hall
(Trevelene H.)
2980 West 1500 North
Vernal, UT 84078

Acel Mark Hall and Jenus Slaugh Hall,
Trustees for the Acel Mark Hall Trust
402 South 1465 East
Fruit Heights, UT 84037

Lela Hall Carter
(Edward K)
761 North 700 West
Provo, UT 84601

Jay and Ruth Hall
1993 Family Trust
150 East 500 South
Payson, UT 84651

Elizabeth Bartlett Hall Carlson Gillard
(Virgil Roy)
3784 South 3145 East
Salt Lake City, UT 84109

LuDean Hall Winegar
% Jay M. Hall
150 East 500 South
Payson, UT 84651

Mary Hall McBride
(Austin F.)
223 West 400 North
Salt Lake City, UT 84103

Bruce B. Hall
(Laurel Snyder)
487 East 2400 South
Salt Lake City, UT 84115

Glade G. Hall and Ruby R. Hall,
Trustees of the Hall Family Trust
965 Pinnocchio
Salt Lake City, UT 84116

Edwin C. Hall
(Iona Snyder)
5690 South 2700 West
Roy, UT 84067

Freda Hall Losee
% Dean Losee Wach
1809 Garvin Avenue
Simi Valley, CA 93065

Dean Losee Wach
(Boyd E.)
1809 Garvin Avenue
Simi Valley, CA 93065

Steven Don Losee
(Carol)
7080 Casa Lane
Lemon Grove, CA 92045

David Thomas Losee
(Ruth)
P.O. Box 9
Lava Hot Springs, ID 83246

Francis L. Losee
aka Francis Leonard Losee
39 West Shelley Avenue
Salt Lake City, UT 84115

Gayla Losee
39 West Shelley Ave.
Salt Lake City, UT 84115

Leonard Peter Losee
(Susan Bennett)
284 East Baird Avenue
Salt Lake City, UT 84115

Glen Hall Losee
(Donna Mace)
12115 South 2240 West
Riverton, UT 84065

Mark Abe Losee
(Terry)
7696 South 2250 West
West Jordan, UT 84084

Mary Losee Roundy
(Don A)
3221 Royal Wood Drive
Salt Lake City, UT 84178

Vera Hall Murray & George O. Murray
Route 2, Box 41
Roosevelt, UT 84078

Norman C. Larsen & Wanda H. Larsen
Roosevelt, UT 84066

Dee A. Hall and Alice T. Hall
2578 West 1500 North
Vernal, UT 84078

Ivan A. Hall and Elaine R. Hall
2616 West 1500 North
Vernal, UT 84078

Charles R. Richins & Donna H. Richins
2760 West 1500 North
Vernal, UT 84078

Lorraine Burns
1415 Yorktown Circle
Salt Lake City, UT 84117

Granten B. Carter
2107 Chateau
Kearns, UT 84118

Kathryn Brunson
976 River Heights Blvd.
River Heights, UT 84321

Ernest I. Stewart & Afton B. Stewart,
Trustees of the Stewart Family Trust
5953 Orange Blossum Lane
Phoenix, AZ 85018

Barbara A. Bingham
172 South 200 West
Cedar City, UT

First Interstate Bank of Idaho, N.A.
Trustee of the Victor L. Bingham Trust
P.O. Box 57
Boise, ID 83757-0550

Polumbus Petroleum Corporation
(Now Polfam Exploration Co.)
1600 Stout Street, Suite 1500
Denver, CO 80202

Willis A. Wood & Samuel P. Guyton
Trustees of the June Boissonnas Trust
1250 Denver Club Building
518 17th Street
Denver, CO 80293

Sylvia C. McLaughlin
1450 Hawthorne Terrace
Berkeley, CA 94708

Forrest Cranmer
16 Charles River Square
Boston, MA 02114

Chapell Cranmer
11515 West 13th Avenue
Denver, CO 80204

Willis A. Wood
1250 Denver Club Building
518 17th Street
Denver, CO 80293

John Stillwell Wood
456 Stagecoach Lane
Carbondale, CO 81623

Robert Matheson Wood, Jr.
599 Pleasant Bay Road
Bellingham, WA 98225

Caroline Wood Duell
21 East Battery
Charleston, SC 29461

Asher Resources
100 Sandru, Suite 300
San Antonio, TX 78232

Michael J. Sullivan
1660 Lincoln Street, #2700
Denver, CO 80264

Claire J. Sullivan
1660 Lincoln Street, #2700
Denver, CO 80264

Hallador Petroleum Co.
1660 Lincoln Street, #2700
Denver, CO 80264

Gasconde Oil Co.
1675 Broadway
Denver, CO

Larel Hill Trust

G.W. Baine, Trustee
2754 Compass Dr., #377
Grand Junction, CO 81506-8747

Asher Fund 1990 Ltd.
100 Sandru, Suite 300
San Antonio, TX 78232

Freedom Energy Inc.
14333 17th Street, Suite 300
Denver, CO 80202

Victor Bingham Trust
% David Hall
2980 West 1500 North
Vernal, UT 84078

Thomas E. Hall, Testamentary Trust
Jay M., Bruce B., Glace G., & Edwin
C. Hall
% David Hall
2980 West 1500 North
Vernal, UT 84078

Ivan A. & Elaine R. Hall, Dee A. & Alice T. Hall., Charles
R. & Donna H. Richens, Norman C. & Wanda H. Larsen,
Vera H. & George O. Murray, Lynn S. Hall, David B. Hall,
Mrs. Heber Grace Kimball, Agel M. Hall, Merlin Sinfield,
Roland Sinfield, Juanita Bergreen
% David Hall
2980 West 1500 North
Vernal, UT 84078

Estate of Raymond Chorney
Chorney, Lancaster Oil Corp. &
Seabrook Corp.
555 17th Street, Suite 1000
Denver, CO 80202

Natural Gas Corp. of CA
245 Market Street
San Francisco, CA 94105

Oil Co., Inc.
633 Third Avenue
New York, NY 10017

Asher Resources &
Asher Fund 1990 Ltd.
14800 San Pedro #102
San Antonio, TX 78232

George E. Cranmer
200 Cherry Street
Denver, CO 80220

Jean C. Cranmer
200 Cherry Street
Denver, CO 80220

Georgia Mary Clark Wood and
John R. Atterbury
Trustees of Robert M. Wood
219 Bank of Commerce Bldg.
Sheridan, WY 82801

Enron Oil & Gas Co.
1801 California, Suite 4800
Denver, CO 80202-2648

Cecil C. Wall & Janice O. Wall
457 West 2½ South
Vernal, UT 84078

Maxine Deike
2108 Pioneer Avenue
Cheyenne, WY 82001

Chevron USA
P.O. Box 599
Denver, CO 80201

Rosemary Wood
108 Cobblestone Drive
Colorado Springs, CO 80906

Kimbark Associates
1580 Lincoln Street, Suite 700
Denver, CO 80264

Walter K. Arbuckle
1675 Broadway, Suite 2400
Denver, CO 80203

William R. Thurston, Trustee
P.O. Box 2080
Durango, CO 81302

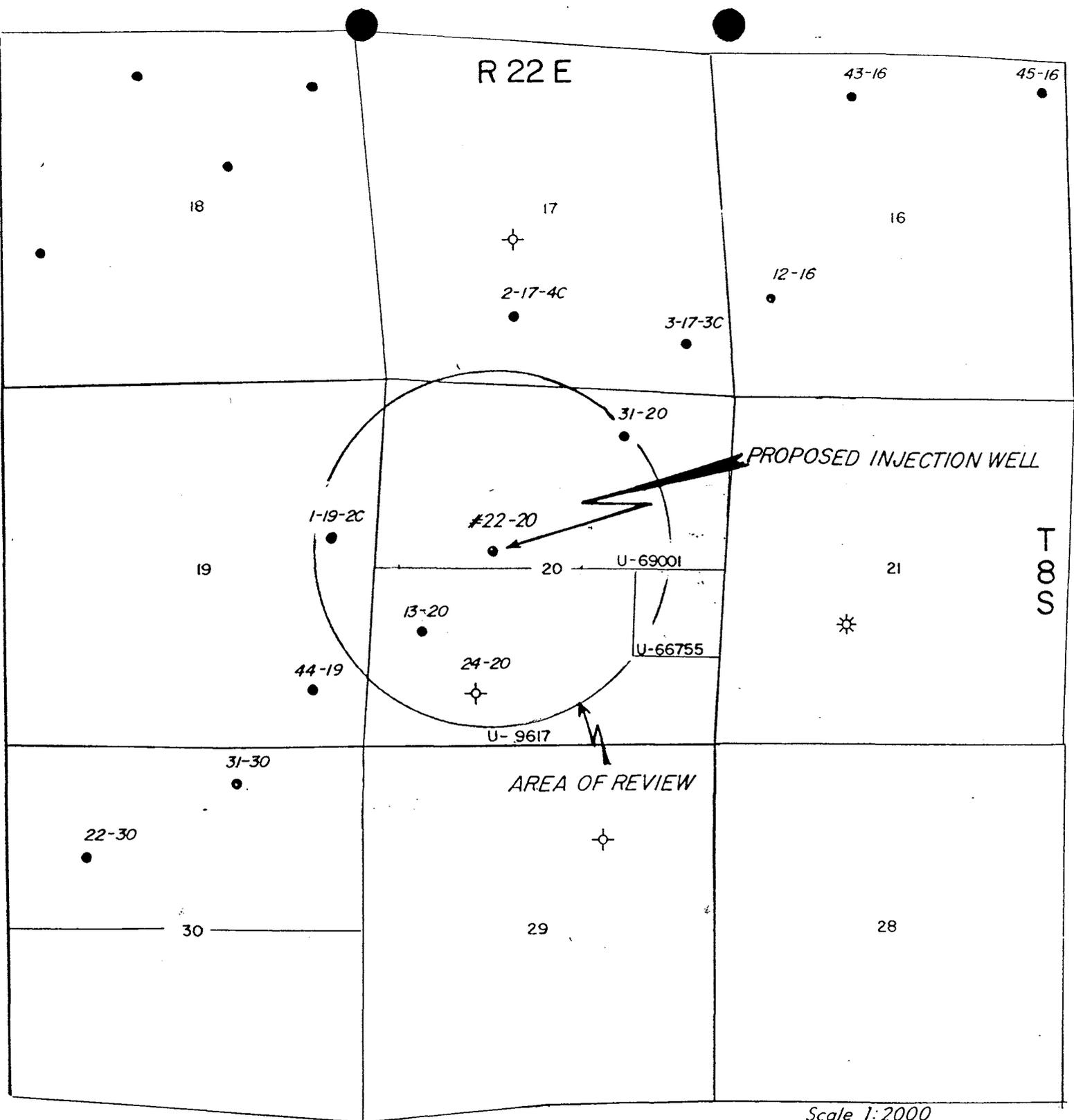
Mark L. Peterson
3133 North 2050 West
Vernal, UT 84078

Harold Langley
P.O. Box 88
Vernal, UT 84078

Samson Investment Co., et al.
% Samson Investment Co.
Two West Second Street
Samson Plaza, 20th Floor
Tulsa, OK 74103

A handwritten signature in black ink, appearing to read "Thomas W. Bachtell", written over a horizontal line.

Thomas W. Bachtell



Scale 1:2000

AREA OF REVIEW

FILED

APR 28 1995

SECRETARY, BOARD OF
OIL, GAS & MINING

SURFACE OWNERSHIP

Sec. 20: All BLM
 Sec. 17: All BLM
 Sec. 19: All BIA

OPERATOR:

Chandler & Associates, Inc.

GEARHART

DUAL LATEROLOG

WARRANTY

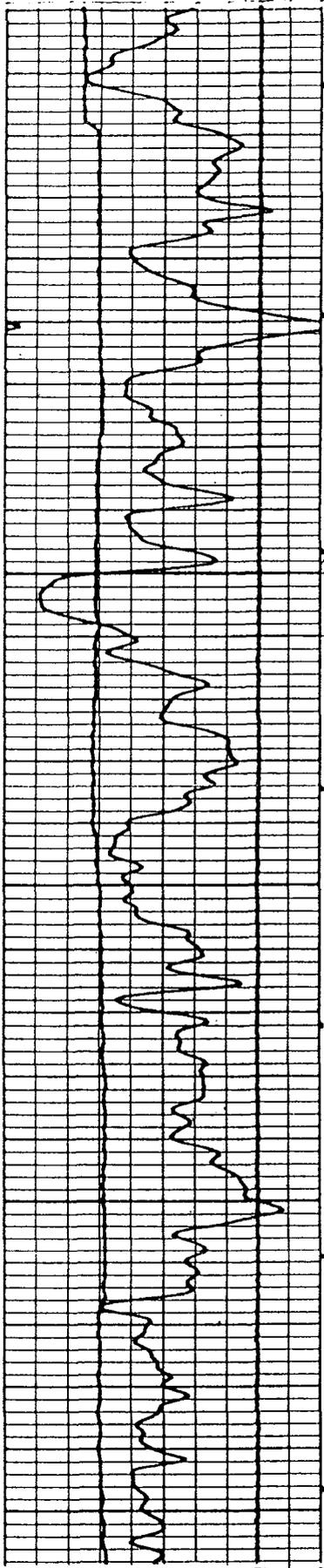
APR 28 1995
 FILED
 SECRETARY, BOARD OF
 OIL, GAS & MINING

FILING NO _____
 COMPANY NATURAL GAS CORPORATION
 WELL GLEN BENCH NO. 22-20 FEDERAL
 FIELD GLEN BENCH
 COUNTY UINTAH STATE UTAH
 LOCATION _____
 Other Services
CDN/CNS
X-PLOT/BHV
 SEC 20 TWP 8S RGE 22E
 Permanent Datum GL Elev. 4806 Elev.: K.B. 4820
 Log Measured from KB 14 Ft. Above Perm. Datum D.F. 4818
 Casing Measured from KB G.L. 4806

Date	10-10-83					
Run No	One					
Depth-Driller	5548					
Depth-Logger	5511					
Bottom Logged Interval	5507					
Top Logged Interval	298					
Casing-Driller	9	5/8 @ 300	@	@	@	
Casing-Logger	298					
Bit Size	7 7/8					
Type fluid in Hole	Brine H ₂ O					
Density	8.4	27				
Viscosity	9.5	-- cc	cc	cc	cc	cc
pH	Fluid Loss					
Source of Sample	Flowline					
Rm @ Meas. Temp.	.123 @ 68 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F	@ °F	@ °F
Source of Rmf	--	--				
Rm @ BHT	.05 @ 153 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Time	End Circulation					
	0630 Hours					
	Logger on bottom					
	1128 Hours					
Max Rec. Temp. Deq. f	153	°F	°F	°F	°F	°F
Equip No	7571	Verona				
Location						
Recorded By	Kirk					
Witnessed By	J. Fredrickson					

Scale Changes		Scale Up Hole		Scale Down Hole	
Date	Sample No.	Depth	Type Log	Tool No.	Position
Depth-Driller					
Type Fluid in Hole					
Dens.	Visc.				
pH	Fluid Loss	cc			
Source of Sample					
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F
EQUIPMENT DATA			DUAL LATEROLOG		
GAMMA RAY			OTHER		
Tool No.	S. O.	Tool Type	Tool Position	Tool No.	Tool No.

FOLD HERE



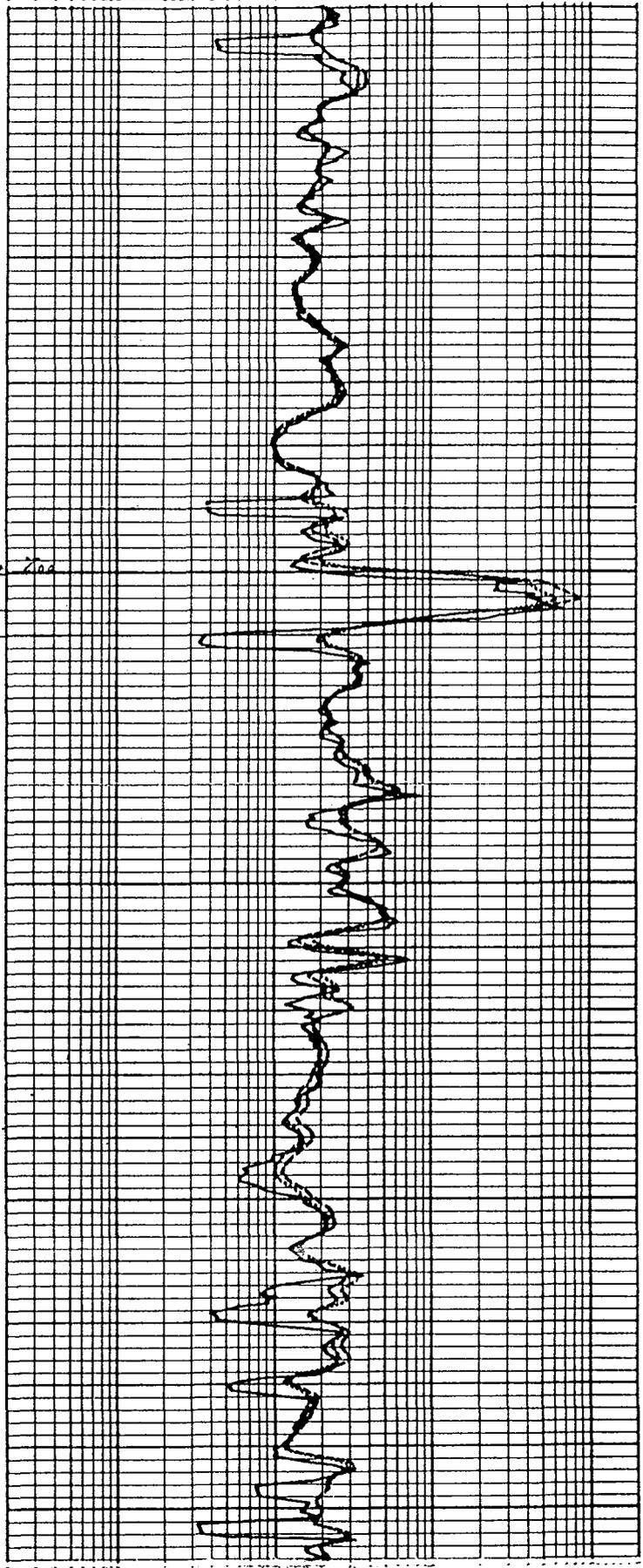
04800

Normal Baseline

0
0

04900

05000



GEARHART

COMPENSATED DENSITY COMPENSATED NEUTRON LOG

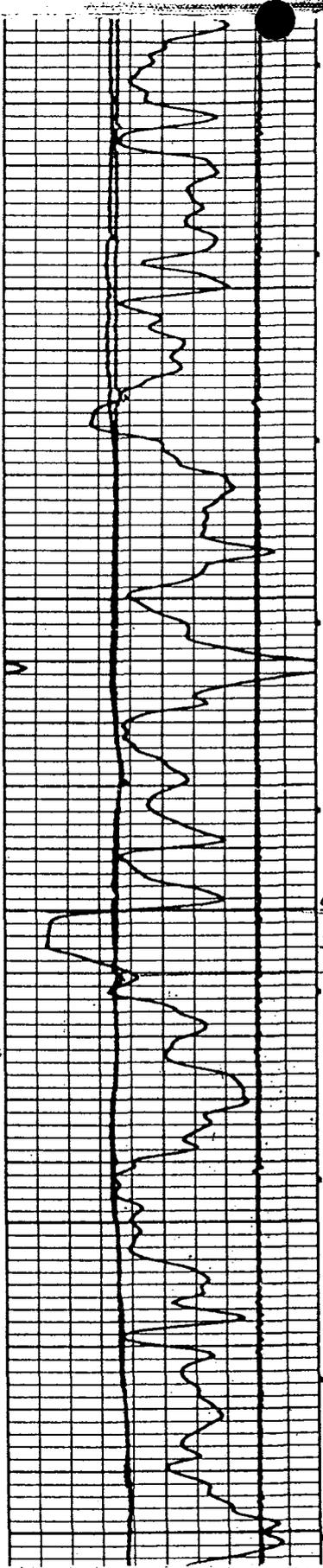
FILING NO.	COMPANY <u>NATURAL GAS CORPORATION</u>						
	WELL <u>GLEN BENCH NO. 22-20 FEDERAL</u>						
	FIELD <u>GLEN BENCH</u>						
	COUNTY <u>UINTAH</u>			STATE <u>UTAH</u>			
WELL FILE	LOCATION:				Other Services		
					DLL, X-PLOT/BHV		
	SEC <u>20</u>	TWP <u>8S</u>	RGE <u>22E</u>				
Permanent Datum	<u>GL</u>	Elev. <u>4806</u>		Elev. K.B. <u>4820</u>			
Log Measured from	<u>KB</u>	<u>14</u>	Ft. Above Perm. Datum	D.F. <u>4818</u>			
Drilling Measured from	<u>KB</u>			G.L. <u>4806</u>			
Date	<u>10-10-83</u>						
Run No.	<u>One</u>						
Depth - Driller	<u>5548</u>						
Depth-Logger	<u>5420</u>						
Bottom logged interval	<u>5419</u>						
Top logged interval	<u>2500</u>						
Type fluid in hole	<u>Brine H₂O</u>						
Density	Visc.	<u>8.4</u>					<u>27</u>
pH	Fluid Loss	<u>9.5</u>					<u>--</u>
Max rec. temp., deg F.	<u>153</u>		°F	°F	°F	°F	°F
Source of Samples	<u>Flowline</u>						
Rm @ Meas. Temp.	<u>.123</u>	@ <u>68</u>	°F	@	°F	@	°F
Rmf @ Meas. Temp.	--	@ --	°F	@	°F	@	°F
Rmc @ Meas. Temp.	--	@ --	°F	@	°F	@	°F
Source Rmf	Source Rmc	--	--				
Time	End Circulation	<u>0630 Hours</u>					
	Logger on Bottom	<u>1415 Hours</u>					
Recorded By	<u>Ritzke</u>						
Witnessed By	<u>Ms. Fredrickson</u>						
Run No.	Bore-Hole Record				Casing Record		
	Bit	From	To	Size	Wgt.	From	To
<u>One</u>	--	<u>Surface</u>	<u>300</u>	<u>9 5/8</u>	--	<u>Surface</u>	<u>298</u>
<u>Two</u>	<u>7 7/8</u>	<u>300</u>	<u>5548</u>	--	--	--	--

EQUIPMENT DATA

Run No.	Logging Unit	Location	Gamma Ray Tool No.	Compensated Density			Compensated Neutron		
				Tool No.	Source No.	Source Sig.	Tool No.	Source No.	Source Sig.
<u>One</u>	<u>7571</u>	<u>Vernal</u>	<u>4413</u>	<u>2592</u>	<u>CSV 704</u>	<u>Ce 137</u>	<u>9350</u>	<u>712A416N</u>	<u>AinBe24</u>
									<u>20 CU</u>

CALIBRATION DATA

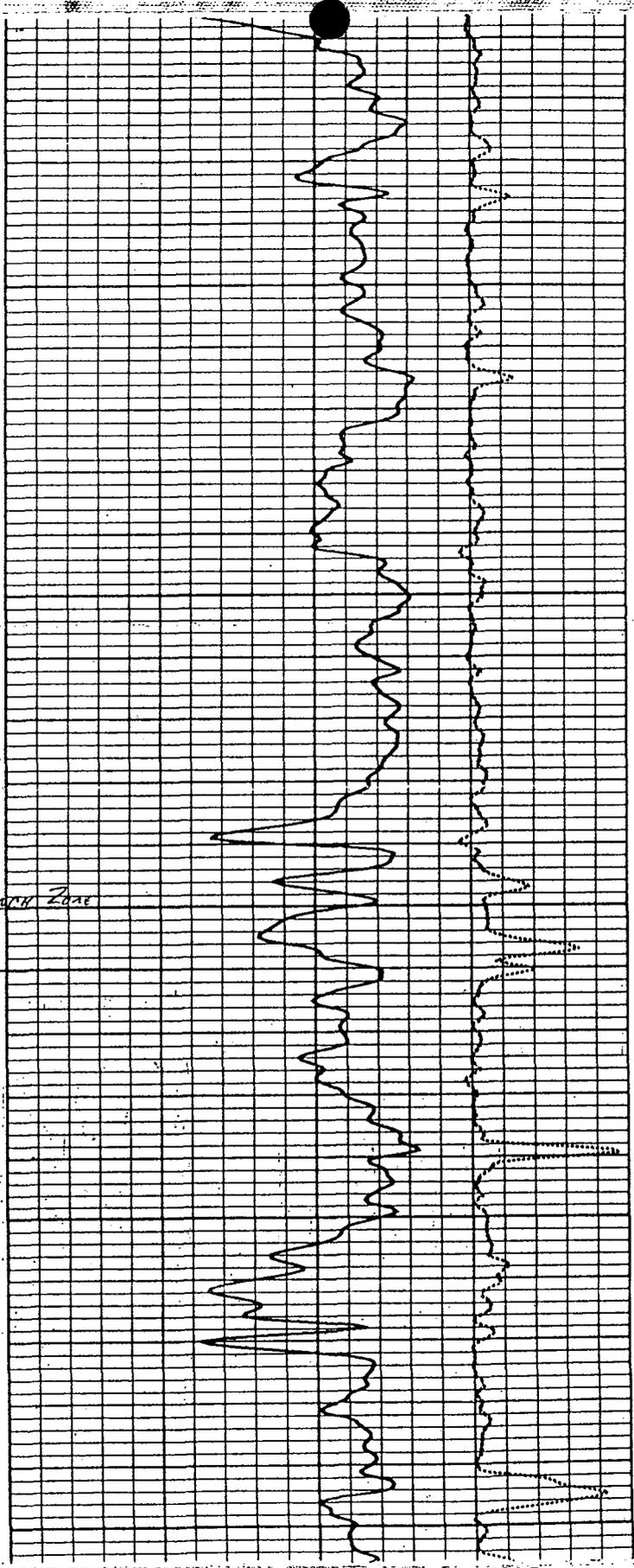
Run No.	Gamma Ray Bkg. cps	Std. cps	Compensated Density			Compensated Neutron		
			Aluminum	Test Block	Calibrator	Caliper	L. Ring	S. Ring
			LS	SS	LS	SS	LS	SS
			LS	SS	LS	SS	LS	SS



04800

GLEN BERRY ZONE

04900



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

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

5. Lease Designation and Serial No.
U-055

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Glen Bench

8. Well Name and No.
Glen Bench Fed 22-20

9. API Well No.
43-047-31356

10. Field and Pool, or Exploratory Area
Glen Bench

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Chandler & Associates Inc

3. Address and Telephone No.
475. 17th St, #1000 Denver, Co 80202 (303) 295-0400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1895'FNL & 1822'FWL (SENW) Sec 20-T8S-R22E

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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.)*

Plan to utilize existing perforations (4850-60) for water injection zone.

- 1) MIRU, nipple down tree
- 2) T.I. w/2-3/8 injection tubing and packer to 4825' circulate packer fluid in tubing annulus, set packer, NU tree
- 3) Establish injection zone fluid pore pressure, static bottom-hole pressure
- 4) Test well for Mechanical Integrity (MIT), hook up surface equipment. Wait on EPA approval to start injection.

FILED

APR 28 1995

SECRETARY, BOARD OF
OIL, GAS & MINING

RECEIVED

DEC 29 1994

cc: State of Utah

I hereby certify that the foregoing is true and correct

Signature: *[Signature]*

Title: Mgr Operations/Production

Date: 12/23/94

(This space for Federal or State office use)

Approved by: *[Signature]*

Title: ASSISTANT DISTRICT
MANAGER MINERALS

Date: FEB 10 1995

Conditions of approval, if any:

*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.

UINTA - surf to 2370'

9-5/8" 36# csg, set 300'

300'

Top cement 1552' CBL

2-3/8" tubing, 6.5#

Approx Base USDW 2370'

GREEN RIVER - 2370 to 5338'

Confining zone 4210' to 4850'

Baker Model "G" injection packer set @ 4827'

Injection zone
GLEN BENCH ZONE
4850-4860'

4850-56' w/4jpt

OWWO (8/8/94) re-perf 4850-60' w/4 jpt

100% Bond 4850-60' CBL

97% Bond 4861-64' CBL

WASATCH - 5338 to T.D.

5-1/2" liner, 15.5#, set 5500'

PBTD 5415'
(8/8/94)

TD 5500'

CHANDLER & ASSOC.

Federal # 22-20

SE NW 20 T8S R22E

Uintah Co., Utah

KB 4820'

Chandler
Water Analysis

ION	Well #WRU 31-4	Well GB-22-20
	Source Water 40-95	41-95
Ion Concentration mg/l		
Calcium	5	562
Magnesium	<1	57
Barium	<5	121
Strontium	<5	114
Sodium	749	7,182
Potassium	<1	2,746
Iron	<1	<1
Chloride	35	17,045
Sulfate	134	3
Carbonate	102	0
Bicarbonate	1,251	325
Total Dissolved Solids	1,781	31,776
pH	8.241	7.628
Resistivity at 72°F ohm-m	4.41	0.265
Viscosity at 72°F cp	0.9402	0.9833
Density at 72°F g/ml	1.0009	1.0198

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WATER COMPATIBILITY CALCULATIONS

FIELD NAME:

WATER A :WRU 31-4
SAMPLE NO:40-95

WATER B :WELL GB-22-20
SAMPLE NO:41-95

ION(mg/L)	100%A	90%A	75%A	50%A	25%A	10%A	100%B
Na	749	1392	2357	3966	5574	6539	7182
Ca	5	61	144	284	423	506	562
Mg	0	6	14	29	43	51	57
Ba	0.0	12.1	30.3	60.5	90.8	108.9	121.0
Sr	0.0	11.4	28.5	57.0	85.5	102.6	114.0
Cl	35	1736	4288	8540	12793	15344	17045
SO4	134	121	101	69	36	16	3
CO3	102.0	91.8	76.5	51.0	25.5	10.2	0.0
HCO3	1251.0	1158.4	1019.5	788.0	556.5	417.6	325.0
TDS	2276	4589	8059	13843	19626	23096	25409
pH	8.20	8.10	8.00	7.80	7.70	7.70	7.60
SG	1.009	1.010	1.011	1.013	1.015	1.016	1.017
I(molar)	0.03	0.07	0.13	0.24	0.34	0.40	0.44

WATER INJECTION SYSTEM

CALCIUM CARBONATE SCALING CALCULATIONS

[-----Upstream of Pump-----] [-----Downstream of Pump-----]

%A	TF	Psia	XCO2	pHc	SI	PTB	Is	TF	Psia	pHd	SI _d	PTB	Is
100	145	2000	0	****	1.23	4.1	****	100	50	8.11	.66	3.4	*****
90	145	2000	0	****	2.03	52.4	****	100	50	7.99	1.39	50.7	*****
75	145	2000	0	****	2.05	124.5	****	100	50	7.86	1.36	119.1	*****
50	145	2000	0	****	1.87	240.8	****	100	50	7.7	1.13	214.1	*****
25	145	2000	0	****	1.66	296.8	****	100	50	7.59	.87	221.1	*****
10	145	2000	0	****	1.49	229	****	100	50	7.53	.68	163.4	*****
0	145	2000	0	****	1.36	173.8	****	100	50	7.5	.54	115.5	*****

SULFATE SCALE CALCULATIONS

%A	TF	Psia	[-----CaSO4-----]		[-----BaSO4-----]		[-----SrSO4-----]	
			SR	PTB	SR	PTB	SR	PTB
100	100	50	0	-617.2	*****	*****	0	-45.9
90	100	50	0	-715.1	*****	*****	.1	-56.6
75	100	50	0	-830.2	89.5	17.7	.1	-70.4
50	100	50	0	-991.5	76.6	34.8	.1	-93.1
25	100	50	0	-1096.7	46.6	29	.1	-112.8
10	100	50	0	-1149.5	22.2	12.9	0	-124.5
0	100	50	0	-1180.1	4.3	1.9	0	-132.3

NOTE: Values of SI & PTB for CaCO₃, and SR & PTB for CaSO₄ and BaSO₄ are calculated at 14.7 psia.

The Western Company Treatment Report

Date 08-09-94 District VERNAL F.Receipt 286555 Operator CHANDLER & ASSOC
 Well Name GLEN BENCH 22-20 Field _____ Location SEC 20 T8S R22E
 County UINTAH State UT Stage No. 1

WELL DATA Old _____ Gas _____ Depth TD/PB 5415 Formation GREEN RIVER
 Tubing Desc. 2 7/8 6.5# Set at: 4835 Type Packer _____ Set at 4835
 Casing Desc. 5.5 17# Set From TD To SURFACE Liner Desc., _____
 Liner Set From _____ To _____ Open Hole Size _____ From _____ To _____
 Perforations: Size _____ Number: _____ Intervals 4850 - 4860
 Previous Treatment N/A Prior Production N/A

TREATMENT DATA No Pad _____ Pad Type _____
 Treatment Fluid Type: Water Vol. 3150 Gal.
 Base Fluid Type 2% KCL Base Fluid Vol. 12600 Gal.
 Foam Quality. _____ % Total Prop Qty. 0 Lbs.
 Proppant Description _____
 Hole Loaded With 2% KCL Treated Via Tubing and Annulus
 Ball Sealers: _____ In _____ Stages of _____
 Types and Numbers of Pumps Used 1 SLURRY MASTER
 Auxiliary Materials 1- 1" FLOWMETER, 1- 3/4" CHOKE

LIQUID/GAS PUMPED & CAPACITIES IN BBL
 Tubing Cap. 28
 Casing Cap. .6
 Annular Cap. _____
 Open Hole Cap. _____
 Fluid to Load 36
 Pad Volume 0
 Treating fluid 75
 Flush 0
 Over Flush _____
 Fluid to Recover 75
 Total CO2 _____
 Total N2 _____

PROCEDURE SUMMARY LOAD TUBING START RATE TEST

TIME AM/PM	TREATING PRESSURE PSI		SURFACE SLURRY PUMPED BBLs		SLURRY RATE BPM	SURFACE CO2 PUMPED BBLs		CO2 RATE BPM	SURFACE N2 PUMPED MSCF		N2 RATE SCFM	COMMENTS SAFETY MEETING/TEST LINES
	STP	ANNULUS	STAGE	TOTAL		STAGE	TOTAL		STAGE	TOTAL		
2:00	2300	626										PRESSURE TEST LINES
2:05	15	530		36	1.6							START LOADING TUBING
2:28	-0-	430										START 1ST STAGE
2:33	-0-	428			.1							START 1ST STAGE OVER
2:45	2	355	1ST		.1							START 1ST STAGE OVER
2:47	7	340		4	1.6							PUMP H2O INTO VOID
2:55	20	345	1ST	2	.1							START 1ST STAGE OVER
3:05	2	317	2ND	1	.3							START FINDING RATE
3:11	280	319	1ST	3	.3							START TEST
3:22	416	327	2ND	5	.35							START 2ND STAGE
3:37	596	317	3RD	3	.40							START 3RD STAGE
3:45	781	314	4TH	3	.45							START 4TH STAGE
3:53	886	314	5TH	4	.50							START 5TH STAGE
4:02	976	317	6TH	6	.55							START 6TH STAGE
4:14	1053	319	7TH	3	.60							START 7TH STAGE

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PROCEDURE SUMMARY CONTINUED ON NEXT PAGE

WESTERN PETROLEUM SERVICES

WESTVIEW PORTABLE WELL DATA MONITOR

CO NAME: CHANDLER ASSOC.

CO REP: JIM S.

WELL NAME: 22-20

JOB DES: STEP RATE

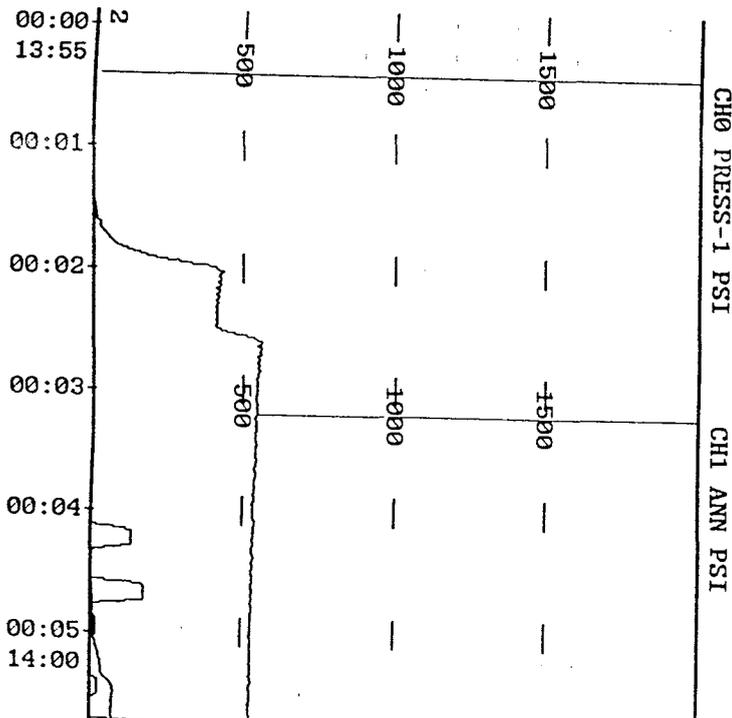
RECEIPT: 286555

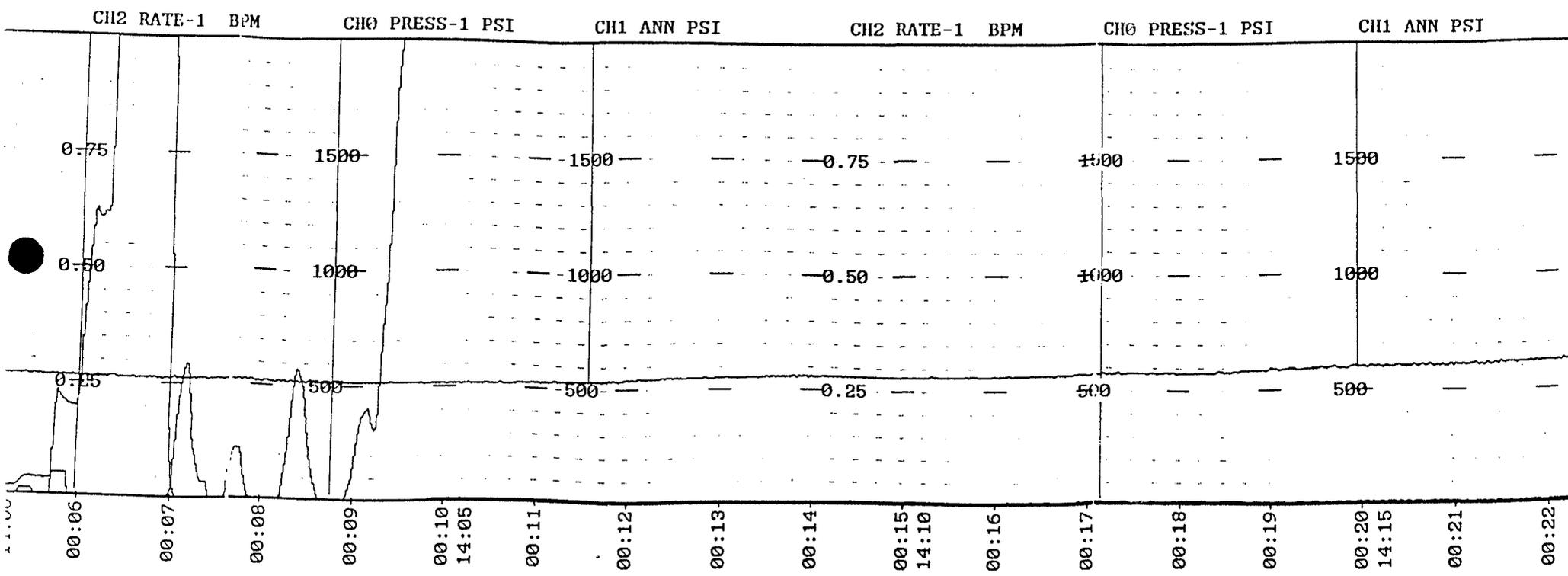
WPS REP: R. EDWARDS

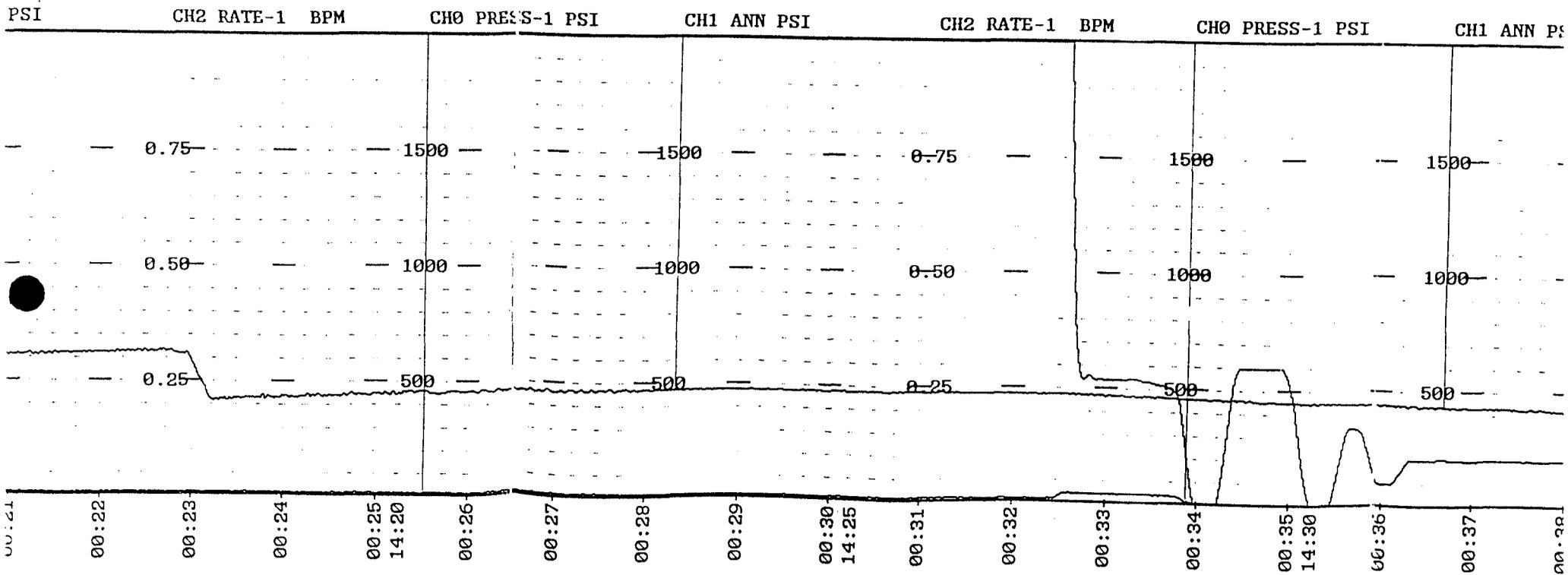
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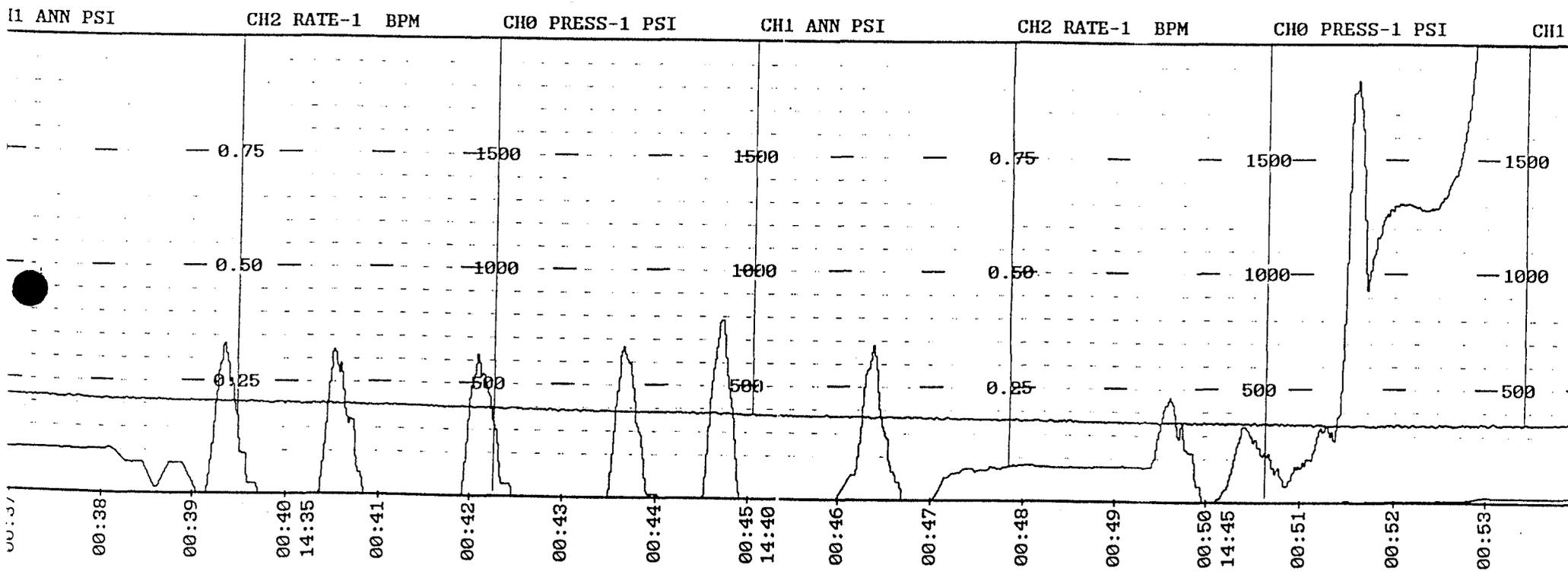
COMMENTS: _____

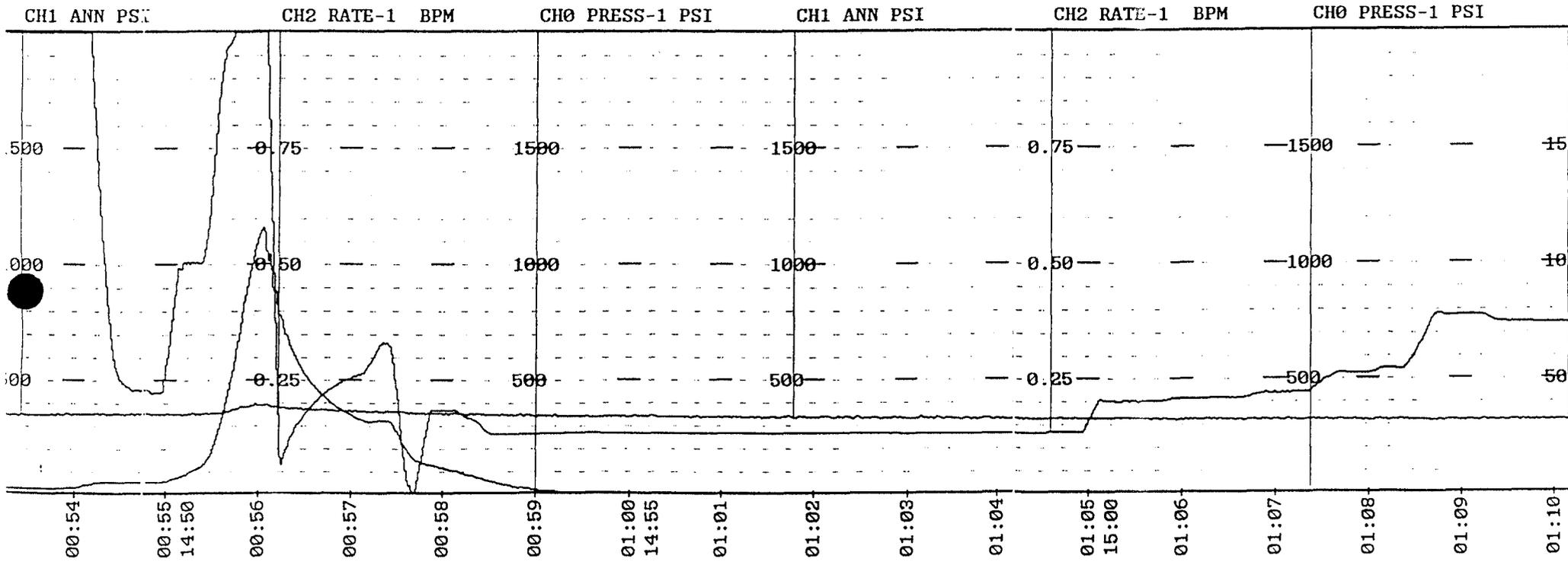
Chan #	Channel Title	Range	Units
0	PRESS-1	0-2000	PSI
1	ANN	0-2000	PSI
2	RATE-1	0-1	BPM

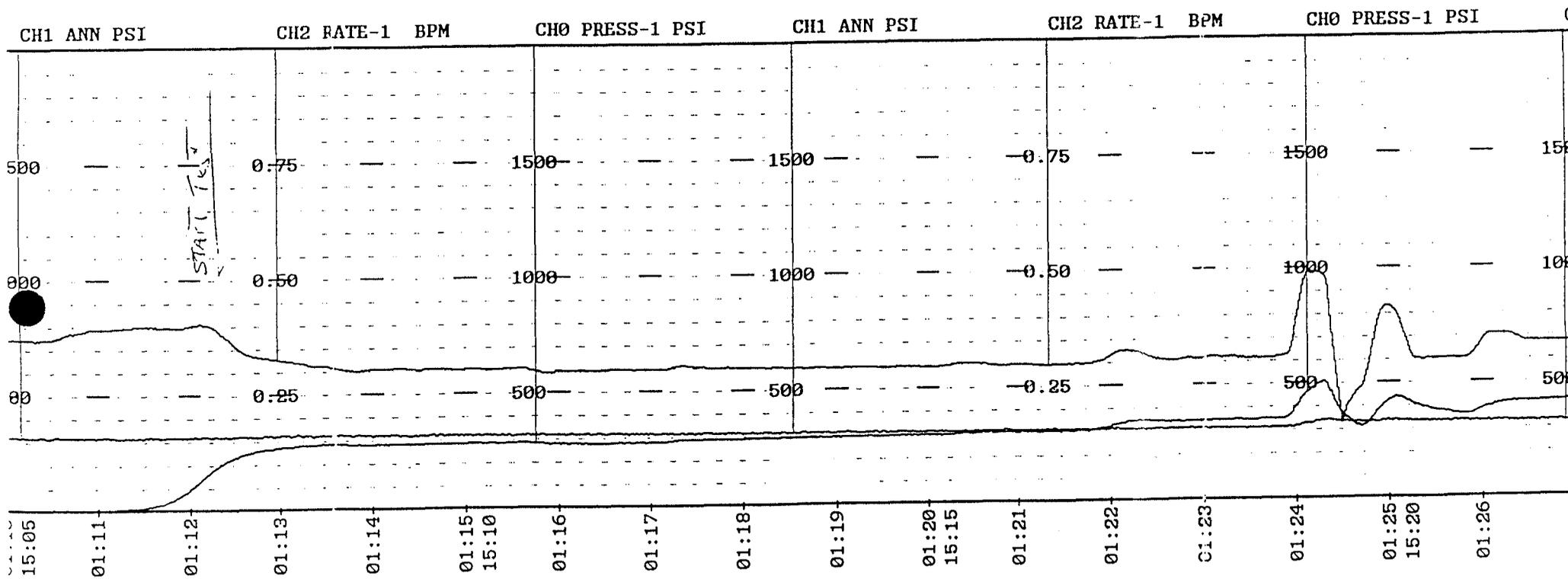


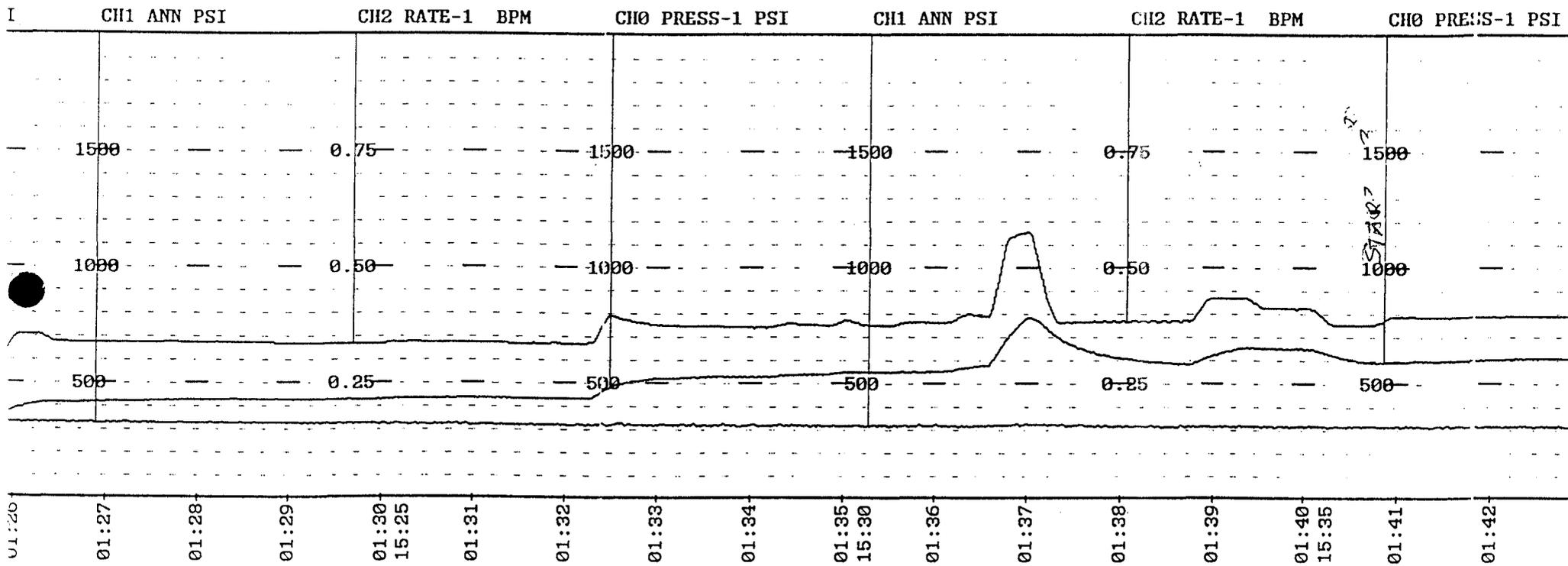


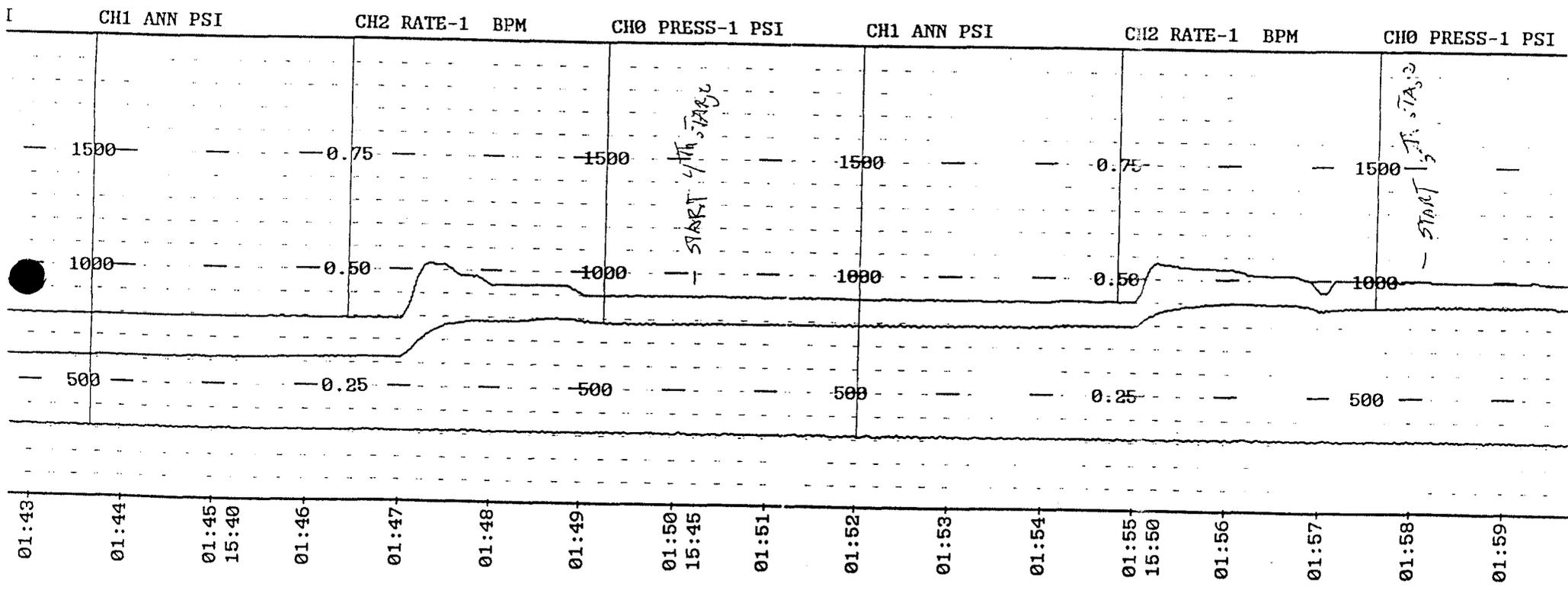


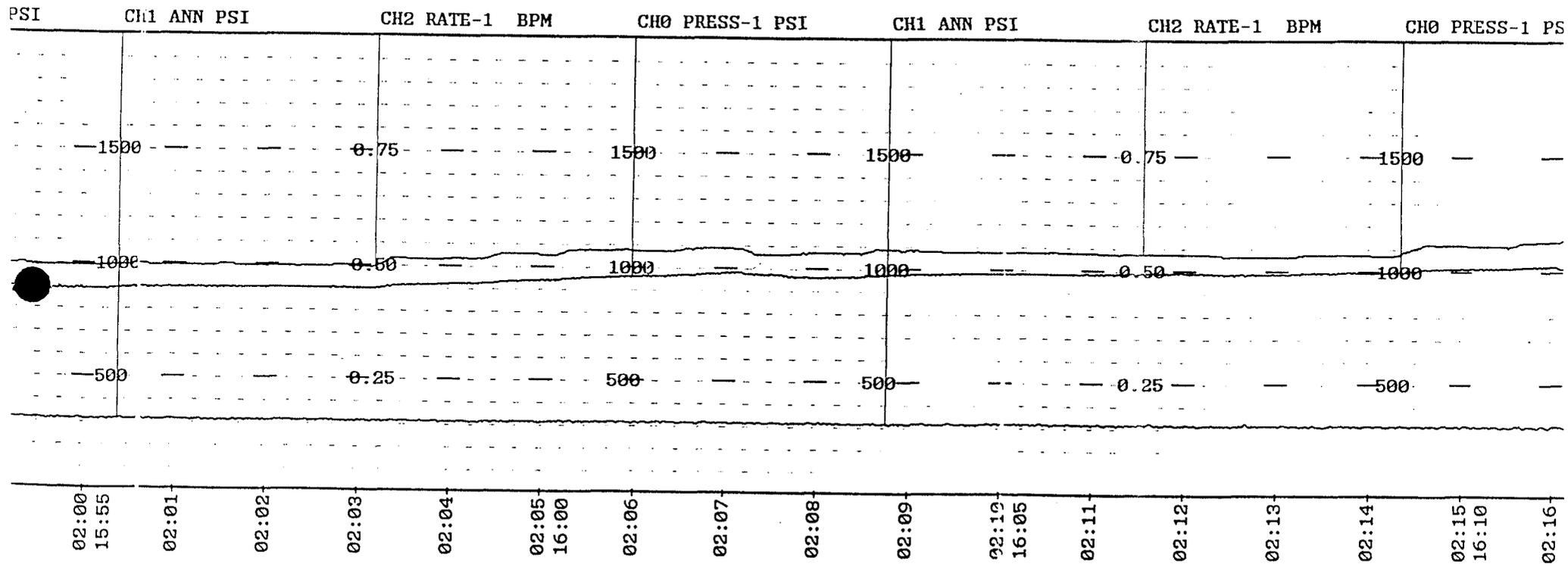


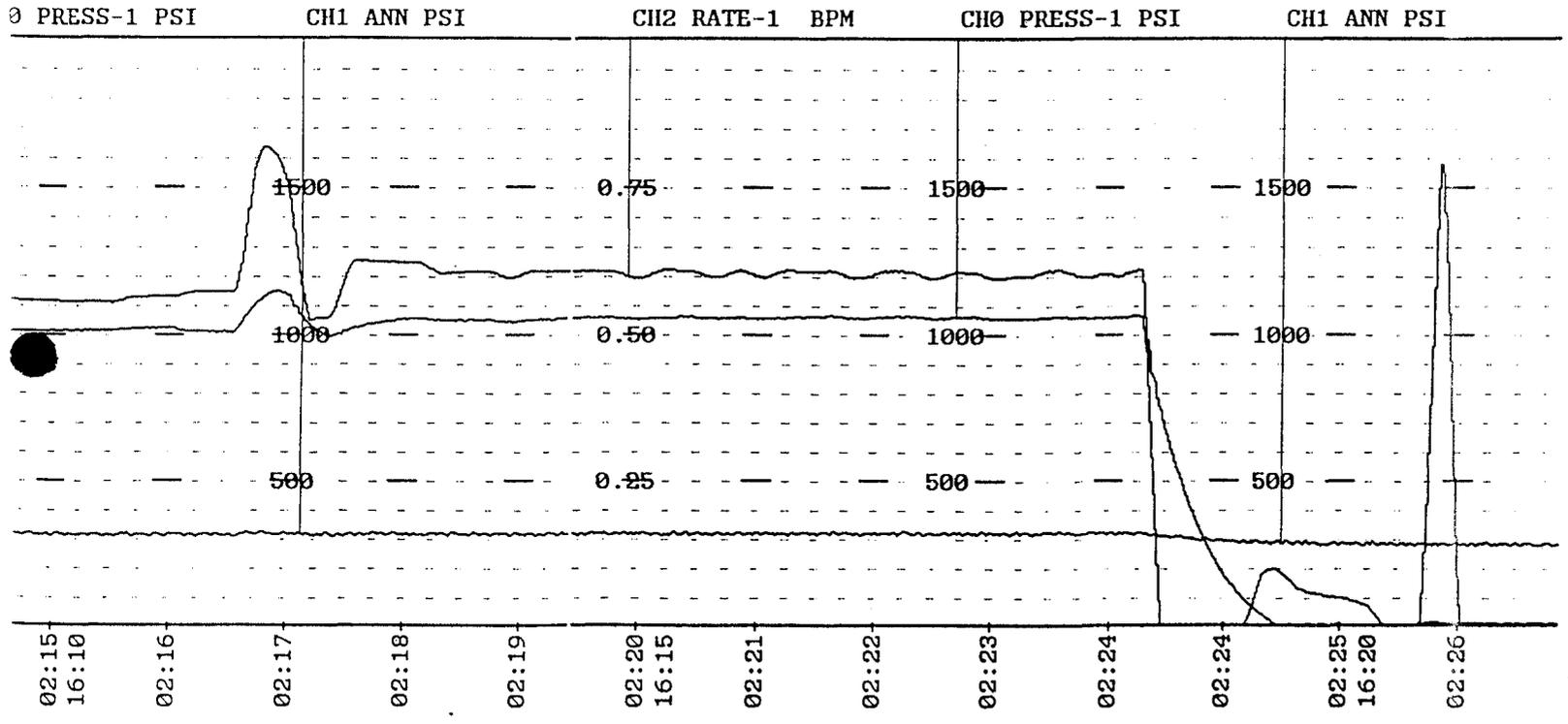












EVENT SUMMARY

NO EVENTS OCCURRED

END OF JOB



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY - MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

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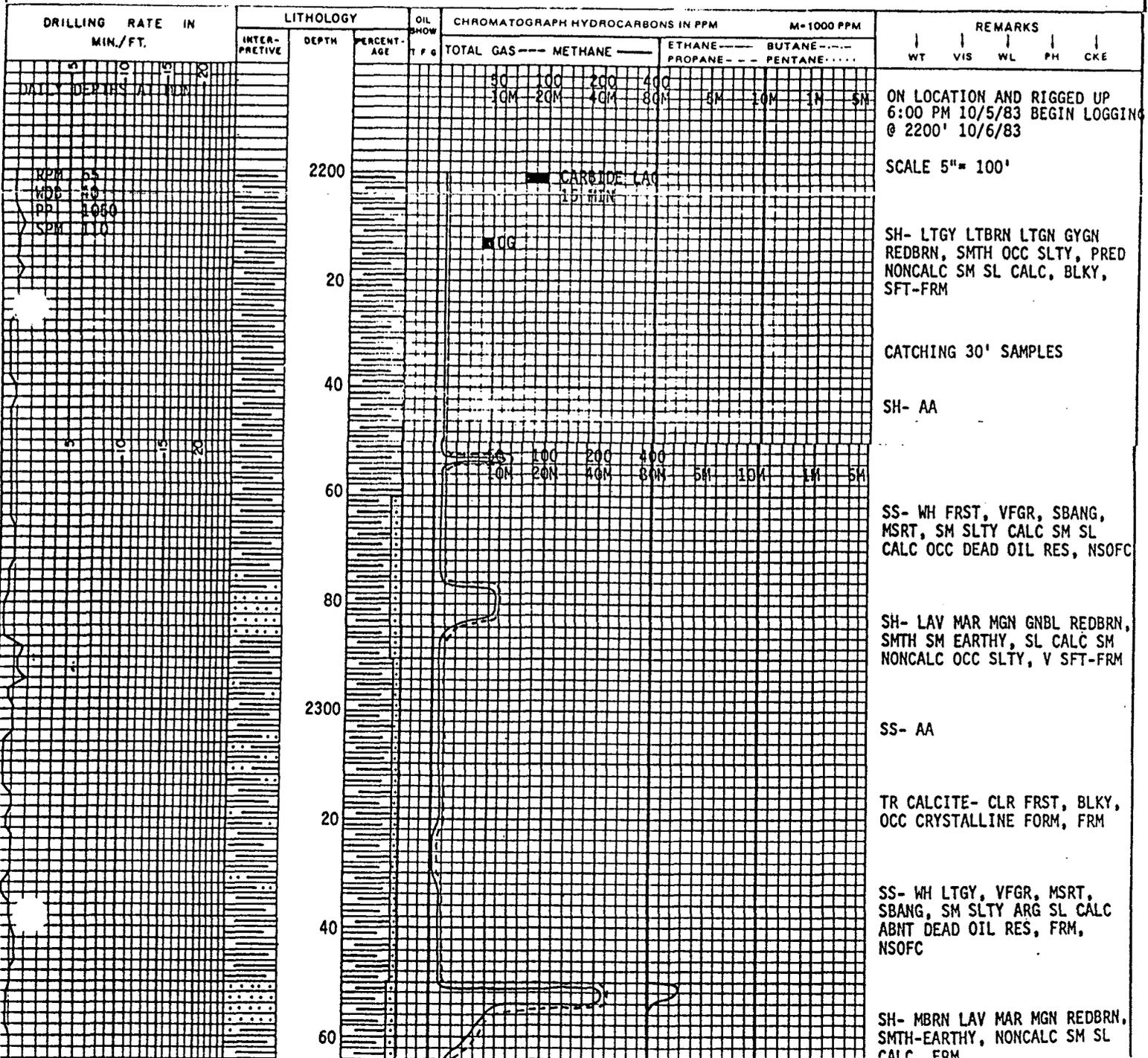
SECRETARY, BOARD OF

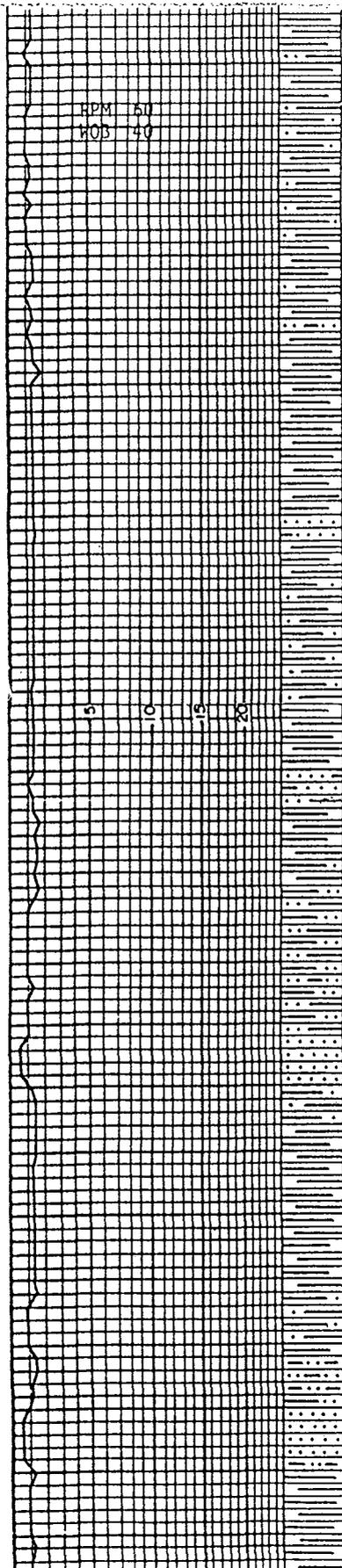
COMPANY NATURAL GAS CORP. of CALF. LOCATION Sec 20 T8S R22E
 WELL # 22-20 COUNTY UINTAH
 FIELD GLEN BENCH STATE UTAH
 ELEVATION GL-4806' KB-4820' DRILLING FLUID FRESH WATER

DEPTH LOGGED 2200' - 5550'
 DATE LOGGED 10/6/83 - 10/10/83

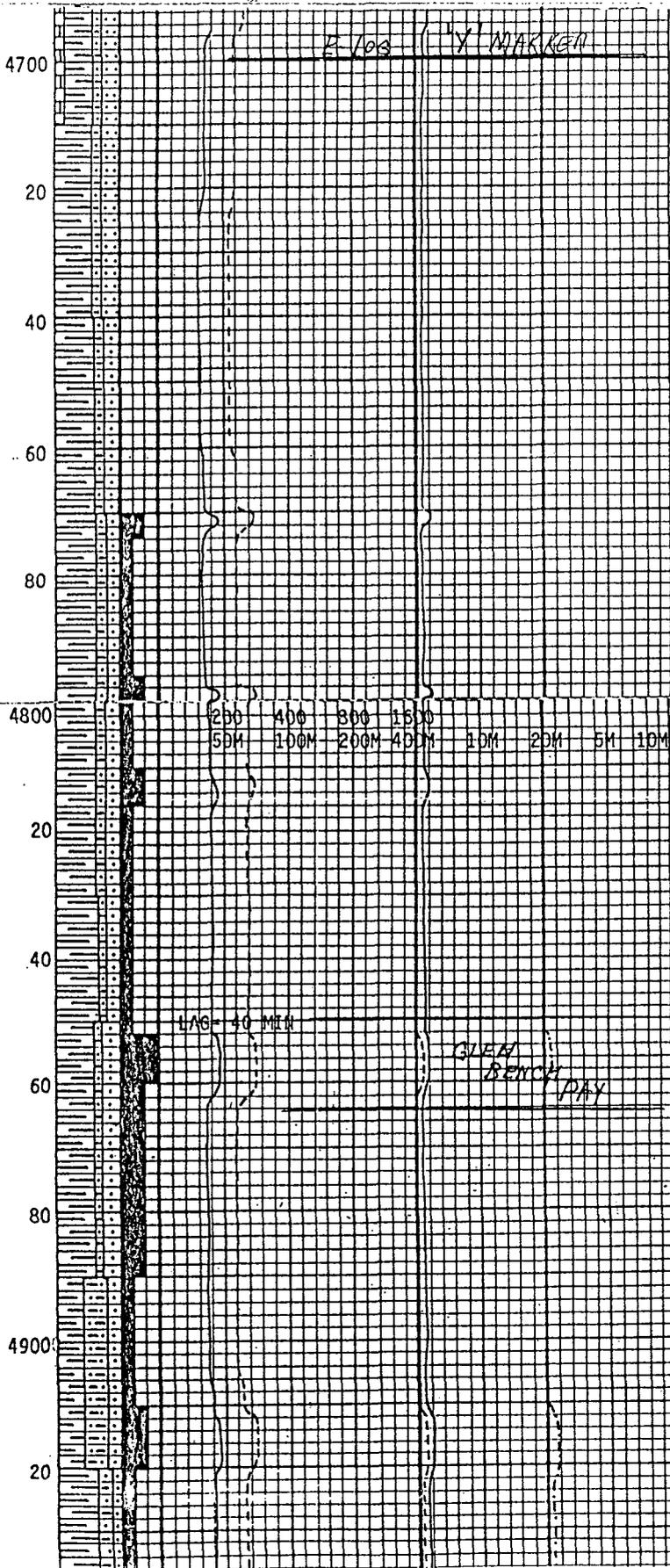
ENGINEERS Jay Dean Carter
 John B. Chapman

	SHALE		DOLOMITE		COAL		TRACE		CORE NO.	NB - NEW BIT
	SANDSTONE		CHERT		ANHY-GYP		FAIR		DST NO.	NR - NO RETURNS
	LIMESTONE		SALT		SILTSTONE		GOOD		DEVIATION	CO - CIRCULATE OUT
										NS - NO SAMPLE
										TG - TRIP GAS





RPM 50
ROB 40



FGR, SBANG-SBRD SM ANG, FGR
M-PCMT, SL SLTY OCC S&P
CALC SM V CALC SM MICA, FRI
SFT, NSOFC

SH- MGY LTGY, BLKY, SMTH
PYR CALC, FRM

SS- FRST LTGY TAN, VF-FGR,
MSRT SBRD-SBANG SM ANG, MCM
CALC OCC SLTY OCC MICA, FRI
SL FRM

2' ORANGE FLARE

SLTST- LTGY OCC LTBRN, BLKY
OCC CARB CALC MICA PYR IP,
FRM-V FRM

6' ORANGE FLARE

SS- FRST LTGY LTBRN, VFGR
OCC FGR, SBANG-ANG OCC SBRD
P-MSRT, MCM, CALC OCC MICA
PINPOINT FLOR W/ MED YEL-GN
STREAMING CUT

TR LS- LTBRN, SLTY, FRM

SH- LTGY GYGN MBRN, BLKY-
PLTY, SMTH PYR ARG CALC,
FRM-V FRM

NO FLARE @ PRESENT

SS- AA, 35% GOLD FLOR, OCC
YEL MOD STREAMING YEL-GN
CUT

5' FLARE ORANGE

SH- AA

SS- FRST CLR, VFGR, SBRD-R
MSRT, V PCMT, PRED UNCONS,
45% DULL GOLD 25% BRIGHT Y
FAST STREAMING CUT 70% TOT.
FLOR

8'-10' ORANGE FLARE

SH- LTGY GYBRN GYGN MBRN,
BLKY-PLTY, SMTH SLTY IP PY
SFT-V FRM

3'-5' ORANGE FLARE

SLTST- BF DKBRN, BLKY, SMT
PYR IP MICA IP CALC, FRM-
V FRM

SS- AA, 15-20% YEL FLOR MO
STRONG CUT

5'-7' ORANGE FLARE

SH- AA, BCMG LTBRN, PLTY-
BLKY, CALC SLTY, V FRM-FRM
3'-5' ORANGE FLARE



ACOUSTIC CEMENT BOND LOG

Part Number 261

COMPANY GULF OIL EXP.
 WELL ANTELOPE FED
 FIELD WONSITS VALLEY
 COUNTY UINTAH STATE

COMPANY GULF OIL EXPLORATION & PRODUCTION
 WELL ANTELOPE DRAW FEDERAL 1-19-H22
 FIELD WONSITS VALLEY
 COUNTY UINTAH STATE UTAH

API No.: _____
 Location: SE/NE
2193' FNL
680' FEL
 Other Services: _____

Sec. 19 Twp. 8S Rge. 22E

api # 43-047-31487

RESEARCHED BY
SUSAN ELLIOTT

Permanent Datum GROUND LEVEL Elev. 4806
 Log Measured From KELLY BUSHING Ft. Above Perm. Datum _____
 Drilling Measured From KELLY BUSHING Elev.: K.B. 4819'
 D.F. 4818'
 G.L. 4806'

Date & Time Logged 7-23-84 Type of Fluid in Hole KCL WATER
 Run No. ONE Density of Fluid _____
 Depth—Driller 4940' Fluid Level _____
 Depth—Logger 4941' Cement Top Est.—Logged SURFACE
 Btm. Logged Interval 4885' Equipment—Location 2883 VERNAL
 Top Logged Interval SURFACE Recorded By RADKE & KRAFT
 Max. Temp. °F _____ Witnessed By PETERSON

CEMENTING DATA

Surface String	Protection String	Production String	Liner
Date/Time Cemented		<u>7-12-84</u>	
Primary/Squeeze		<u>PRIMARY</u>	
Expected	psi	psi	psi
Comp Strength			
Cement Volume		<u>470 SACKS "G"</u>	
Cement Type/Weight FORMULATION:		<u>.2%, 15.9, .2%</u>	
		<u>R-5</u>	

Mud Type				Mud Wt.			
RUN				MUD WT.			
No.	Bit	From	To	Size	Wgt	From	To
<u>ONE</u>				<u>5 1/2"</u>	<u>17#</u>	<u>0'</u>	<u>4950'</u>

Fold Here

Service Ticket No.: 127394 API Serial No.: _____ PGM Version: J. I. S. 1.71
 The Well Name, Location, Cementing Data & Borehole Description Furnished By Client

CEMENTING DATA

Cement pumped _____ psi
 Preceding fluid _____ bbl
 Returns? full partial none
 Pipe rotated/reciprocated during pumping? yes no
 after plug down? yes no
 Plug bumped? _____
 Plug landing pressure: _____ psi
 Pressure held 1500 psi 1 HR 45 MINs after pumping

Centralizers _____ NA / Joint from _____ to _____
 _____ / Joint from _____ to _____
 _____ / Joint from _____ to _____
 Scratches _____ NA / Joint from _____ to _____
 _____ / Joint from _____ to _____
 _____ / Joint from _____ to _____

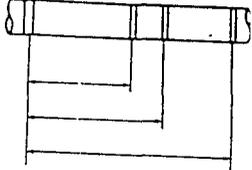
EQUIPMENT DATA

	GAMMA	NEUTRON	ACOUSTIC
Run No.	<u>ONE</u>		
Serial No.	<u>104177</u>		
Model No.	<u>M 507 B</u>		
Diameter	<u>3 3/8"</u>		
Detector Model No.	<u>----</u>		
Type	<u>GAMMA</u>		
Length	<u>4'</u>		
Distance to Source	<u>----</u>		

LOGGING DATA

Run No.	Depths		Well head Pressure, psi		Speed ft./min.		GAMMA Scale		NEUTRON Scale		ACOUSTIC Scale	
	From	To					L	R	L	R	L	R
<u>ONE</u>	<u>0'</u>	<u>4941'</u>	<u>1000</u>	<u>35</u>	<u>0</u>	<u>150</u>						
	<u>*3528'</u>	<u>3640'</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>150</u>						
	<u>*4670'</u>	<u>4885'</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>150</u>						

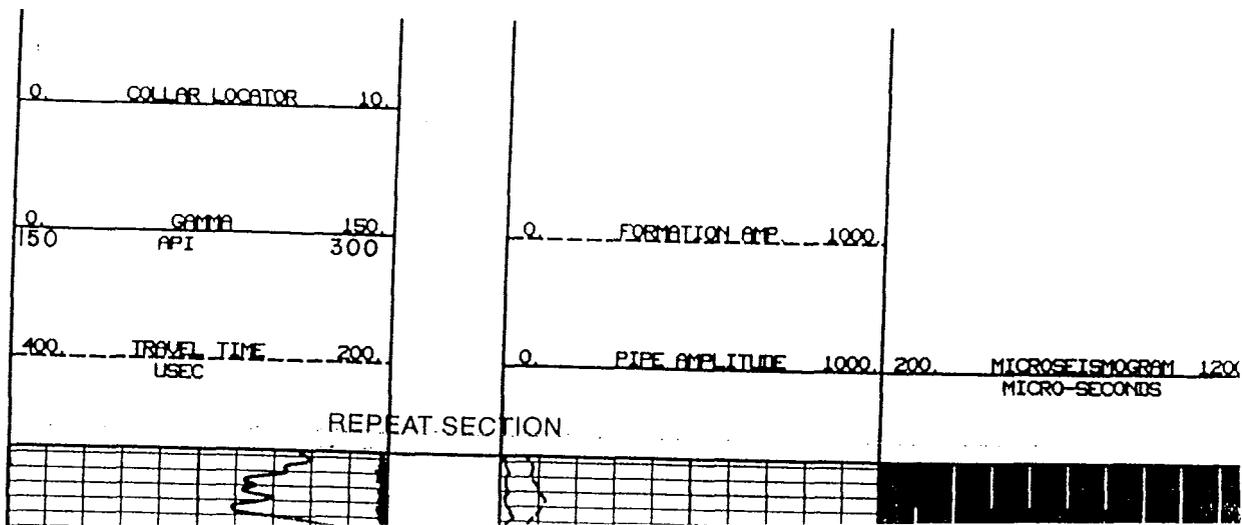
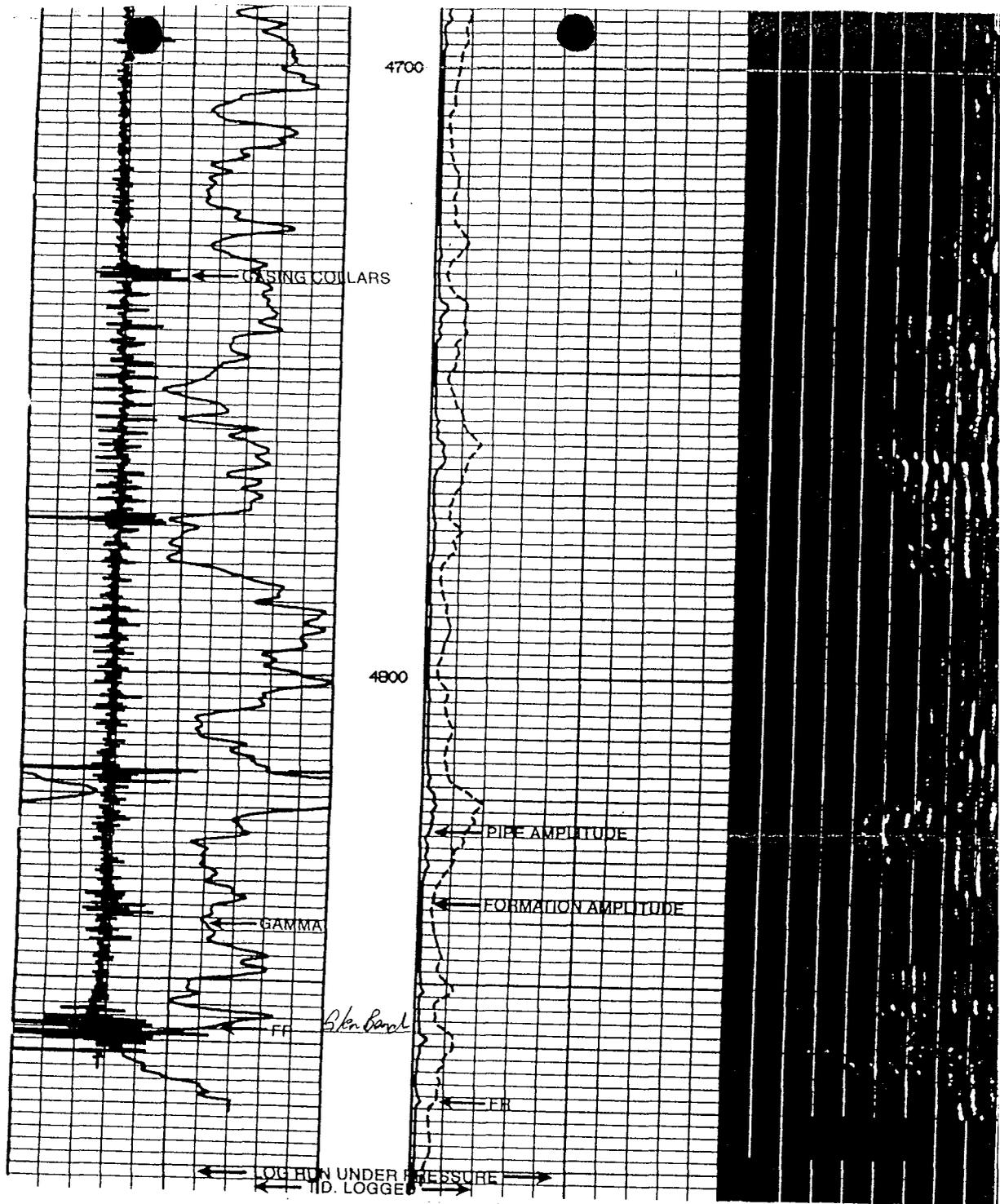
Remarks: * REPEAT SECTIONS. MAIN LOG WAS RUN UNDER 1000 PSI FROM TD TO SURFACE. THE BOTTOM REPEAT WAS NOT RUN UNDER ANY PRESSURE NOR WAS THE REPEAT FROM 3640' TO 3528'. TOP OF CEMENT IS AT SURFACE. VERSION J. I. S. 1.71

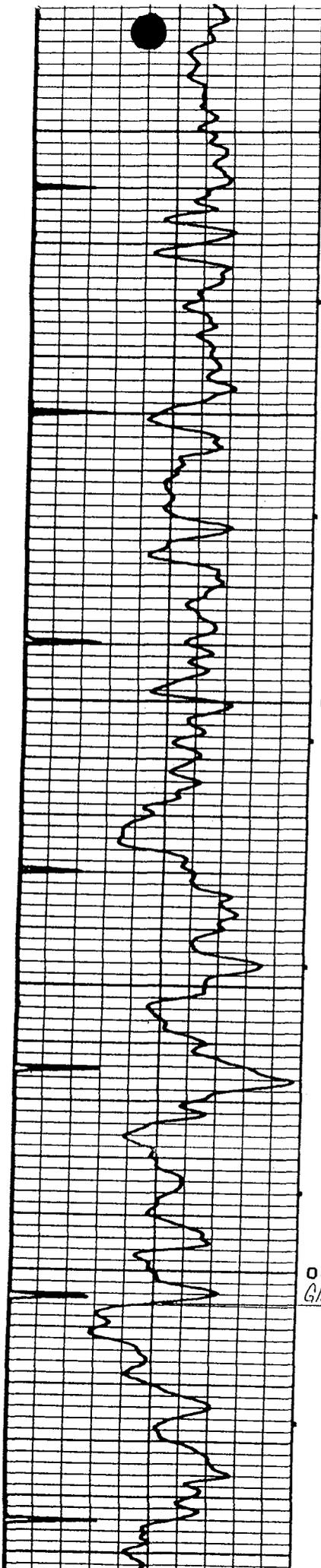


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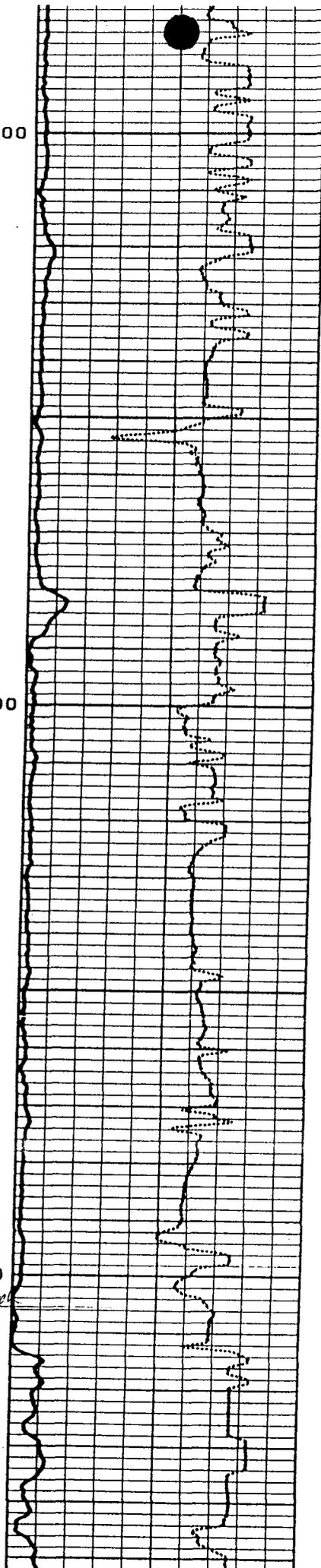


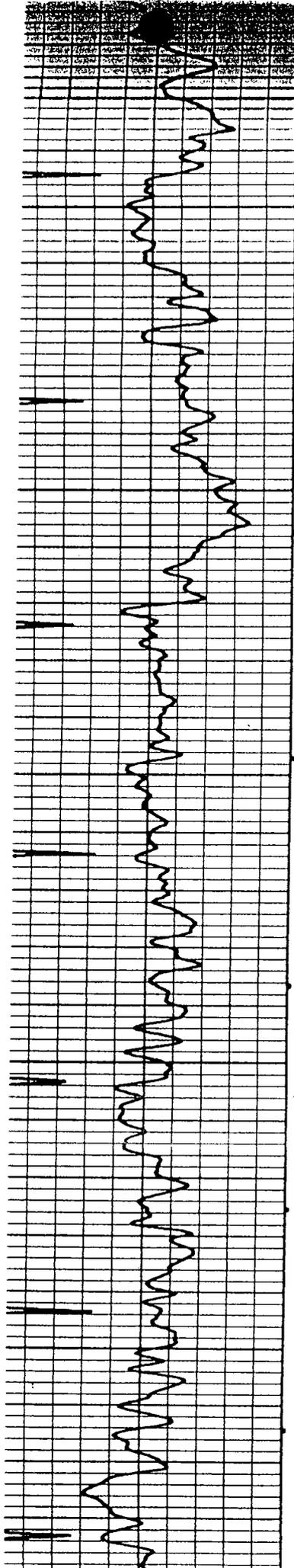
04600

04700

04800

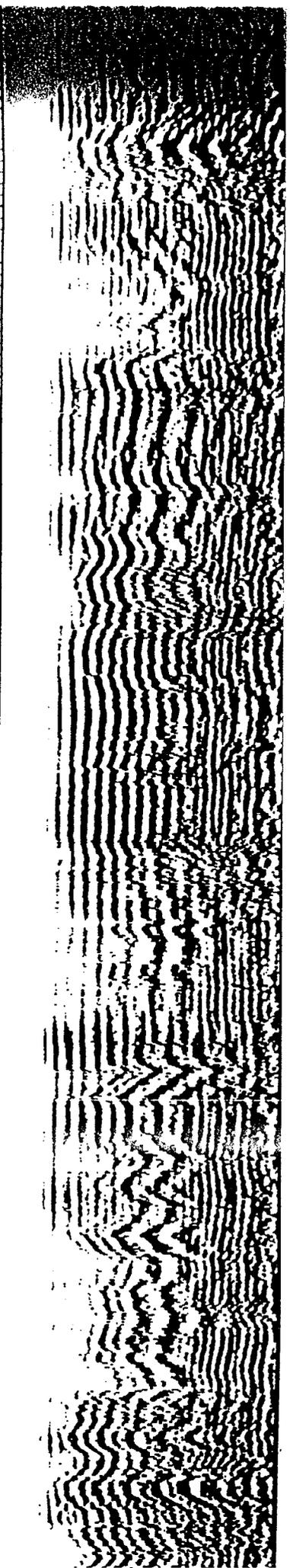
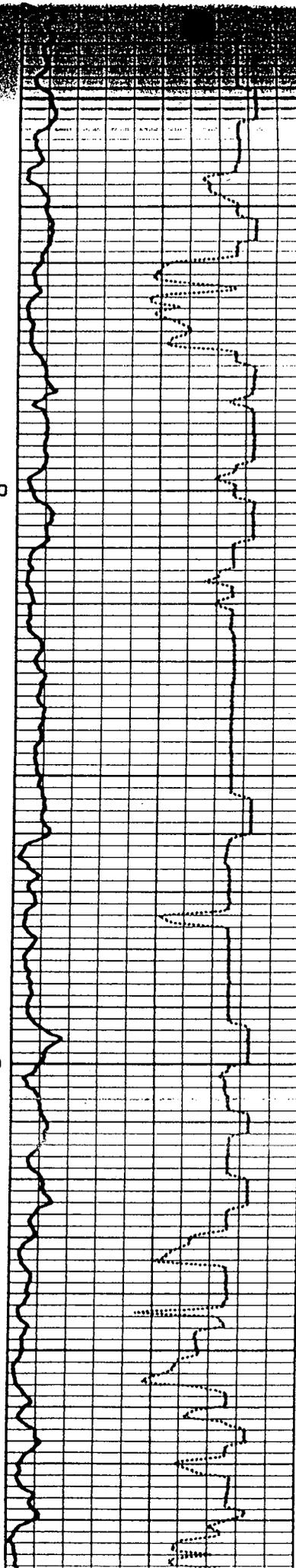
Glen Bond

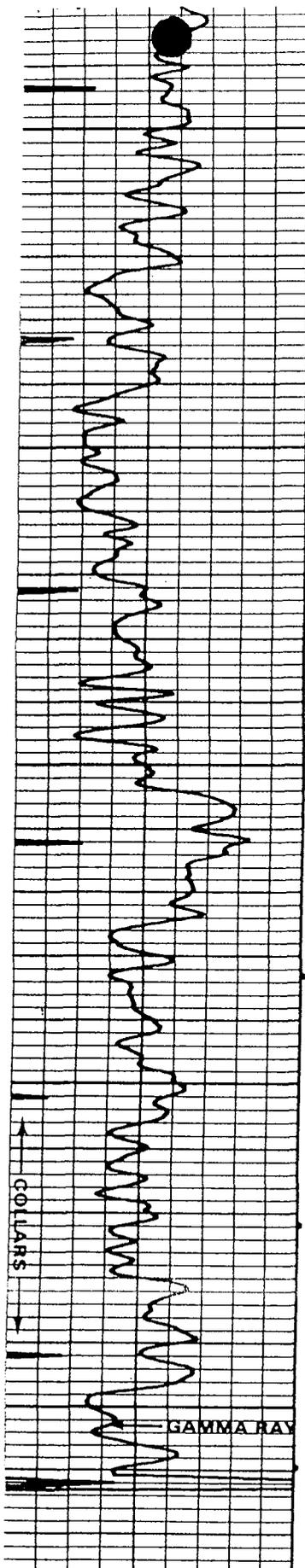




04900

05000



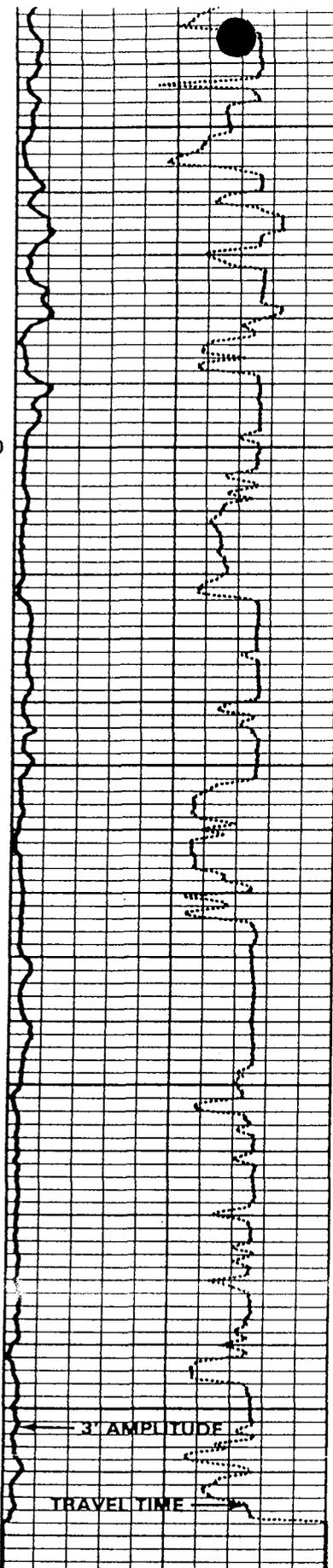


05100

05200

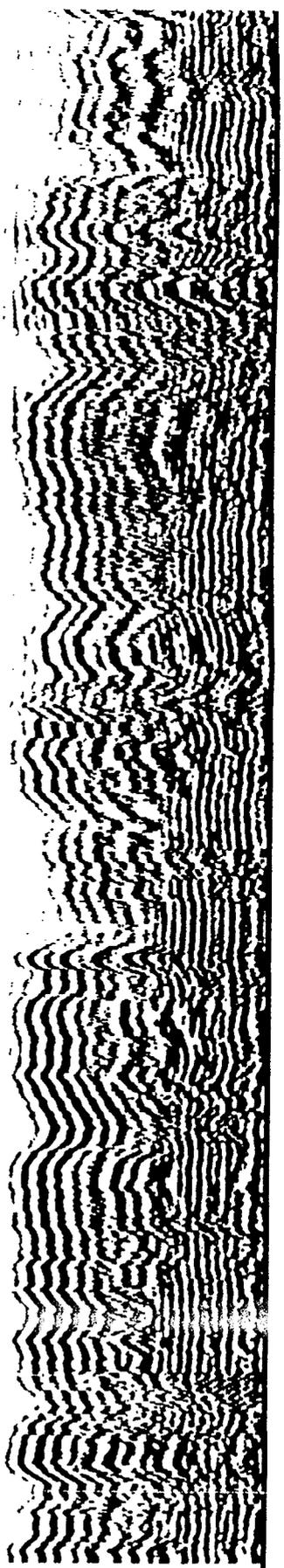
COLLARS

GAMMA RAY



3' AMPLITUDE

TRAVEL TIME



CCL	181
GR API	150

220 TT/3 (μS/FT)	20	200 S SPECTRUM	1200
0 AMPLITUDE-MV	75		

FILING NO. 285277

APR 26 1995
SECRETARY, BOARD OF
OIL, GAS & MINING

COMPANY NATURAL GAS CORPORATION

WELL 31-20 FEDERAL

FIELD GLEN BENCH

COUNTY MINAH STATE UTAH

LOCATION

Other Services

SEC 20 TWP 8s RGE 22e

NONE

Permanent Datum G.L. Elev. 5650'

Log Measured from K.B. 12 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elev.: K.B. 5662'
D.F. 5661'
G.L. 5650'

Date	5-24-84		Type Fluid in Hole		2% KCL	
Run No.	ONE		Dens.	Visc.		
Depth-Driller	5650'		Max. Rec. Temp.			
Depth-Logger	5567'		Est. Cement Top			
Btm. Log Interval	5559'		Equip.	Location	60937214 VERNAL	
Top Log Interval	1902'		Recorded By PETERSON			
Open Hole Size	7 7/8		Witnessed By MR. DUNCAN			
CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prot. String						
Prod. String	5.50	17#			SURFACE	T.D.
Liner						

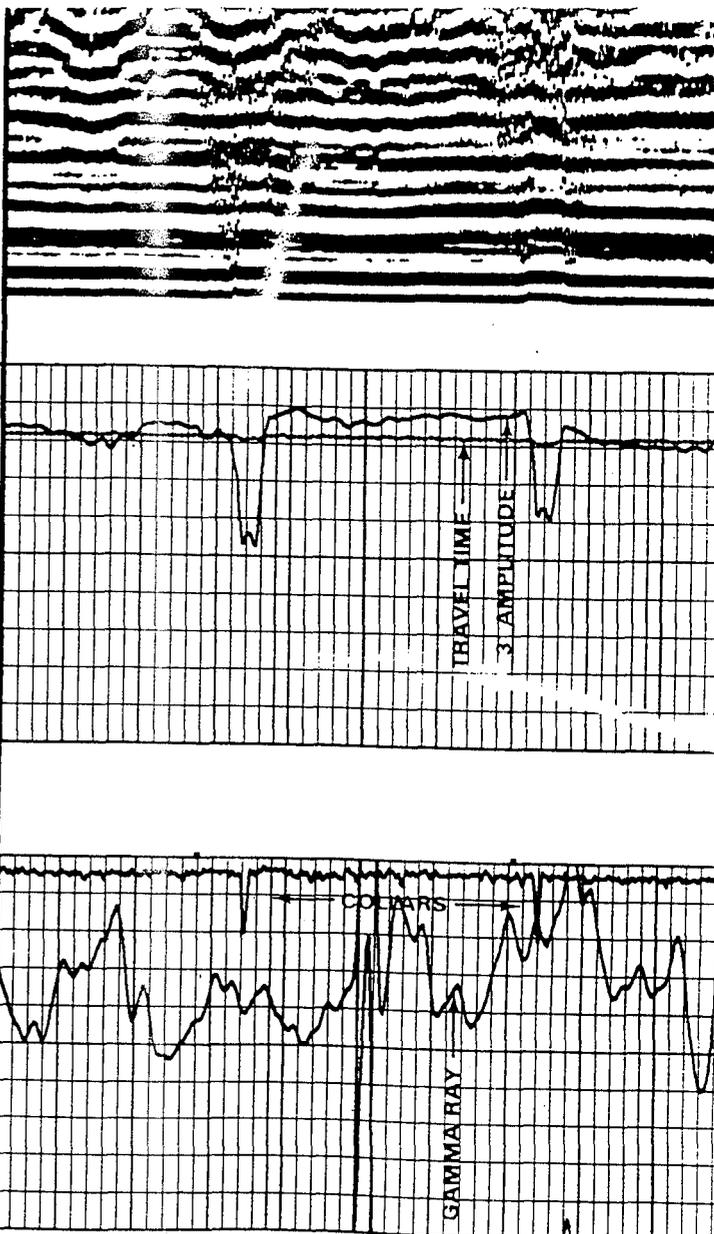
PRIMARY CEMENTING DATA				
STRING	Surface	Protection	Production	Liner
Vol. of Cement				
Type of Cement				
Retarder				
Retarder by %				
Wt. of Slurry				
Water Loss				
Drill: Mud Type				
Drilling Mud Wt.				

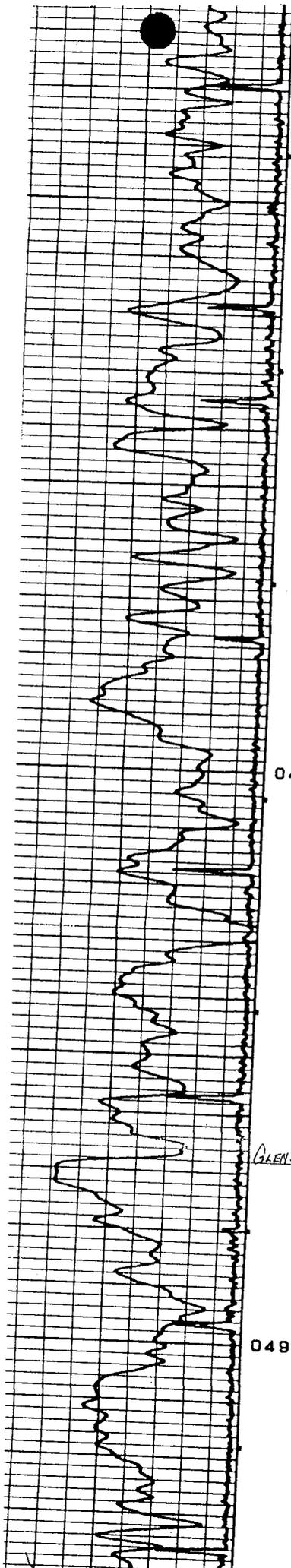
NOTICE: Gearhart Industries, Inc. cannot and does not guarantee the accuracy or correctness of any log data or of any interpretation thereof and shall not be liable or responsible for any loss, cost, damage or expense incurred or sustained by Customers from any log data or interpretation made by Gearhart Industries, Inc. or any of its agents, servants or employees. Neither log data nor interpretation thereof shall be used as the sole basis for any drilling, completion, well treatment or production decision or any other procedure. Unless there is a separate written agreement to the contrary, this Log is provided in accordance with Gearhart Industries, Inc.'s General Terms and Conditions as set out in its current price schedule. GEARHART INDUSTRIES, INC.

05-24-84 12:27 1902.0 285277 0072-30 0 0001-11 3

220 TT/3 (μS/FT) 20 200 S SPECTRUM 1201

450 CCL 235
 0 GR API 150
 0 AMPLITUDE-MV 75
 LOGGED WITH 1500 PSI



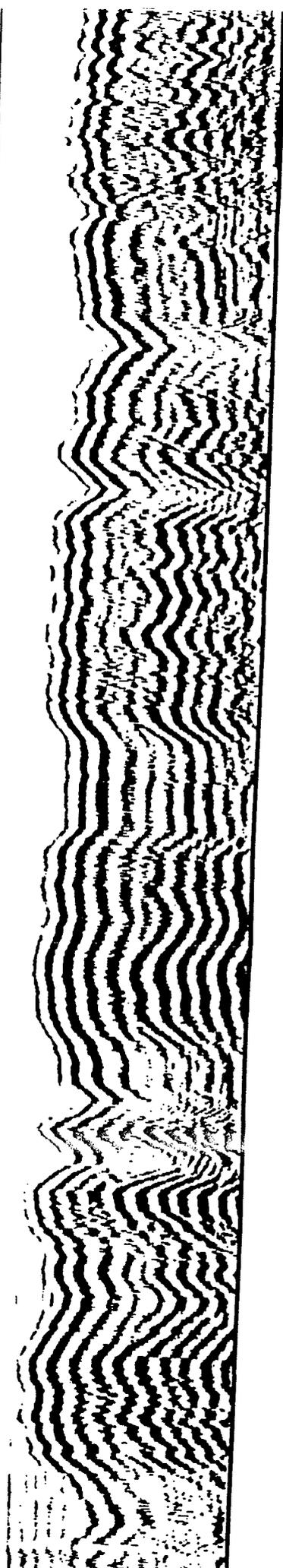
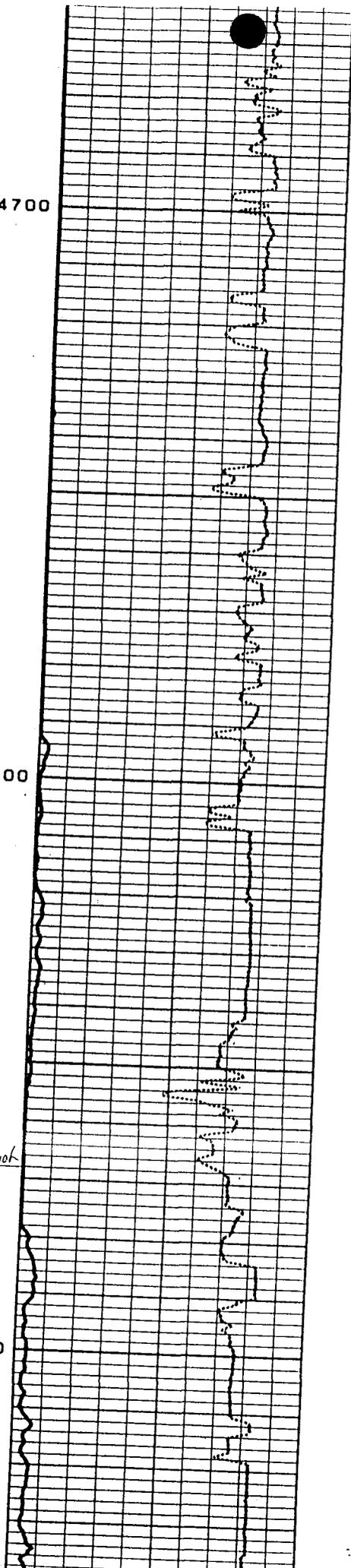


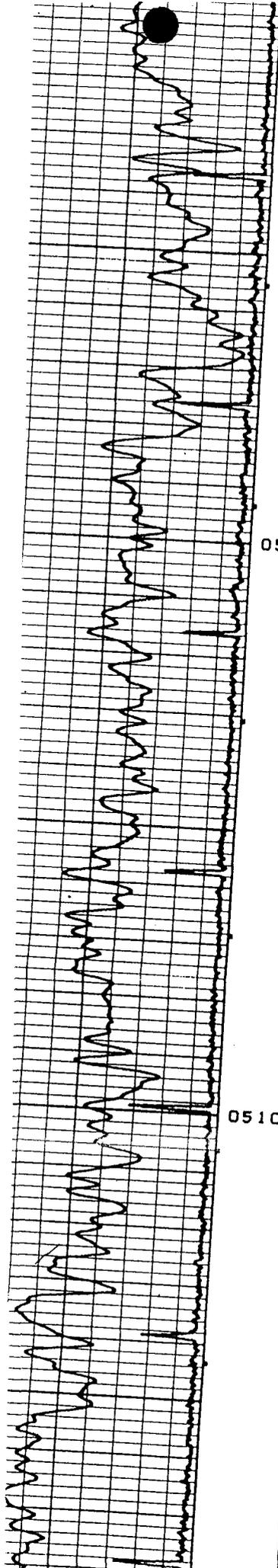
04700

04800

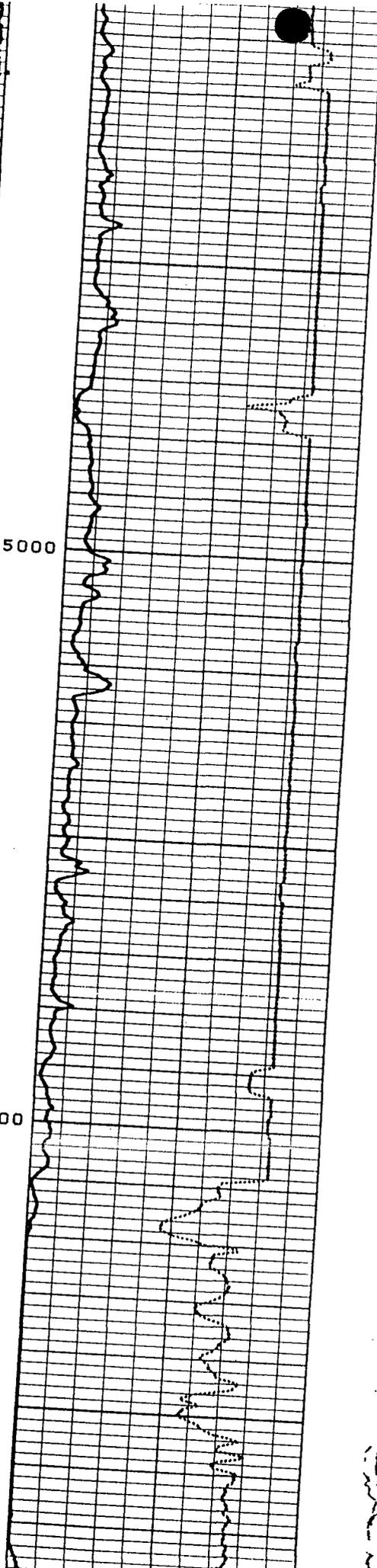
GREEN BENCH

04900

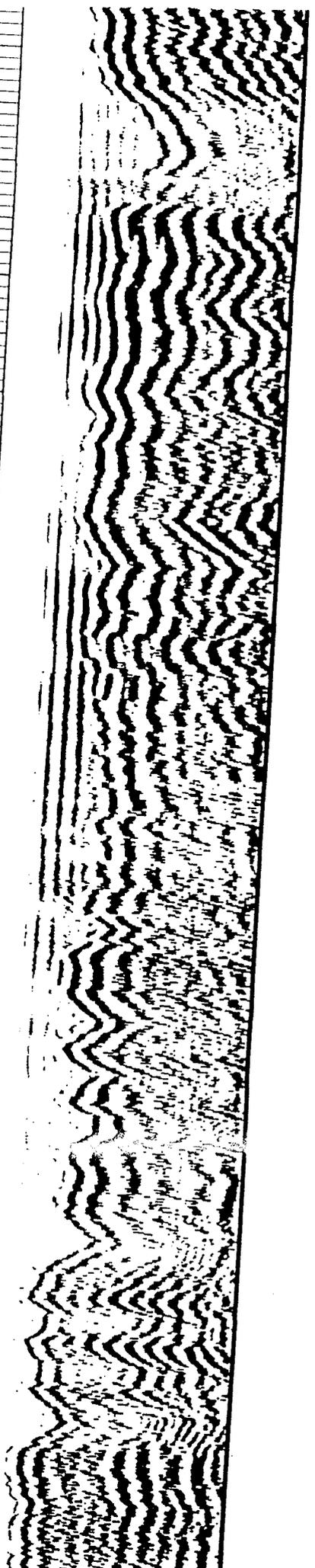


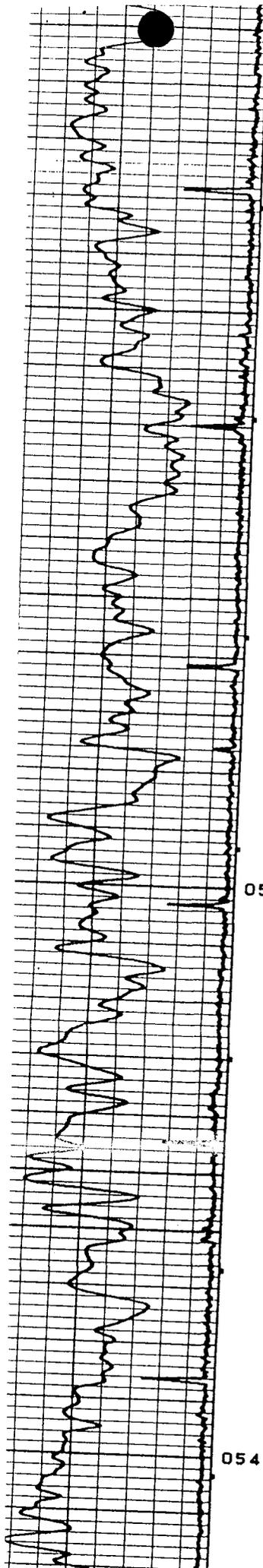


05000



05100

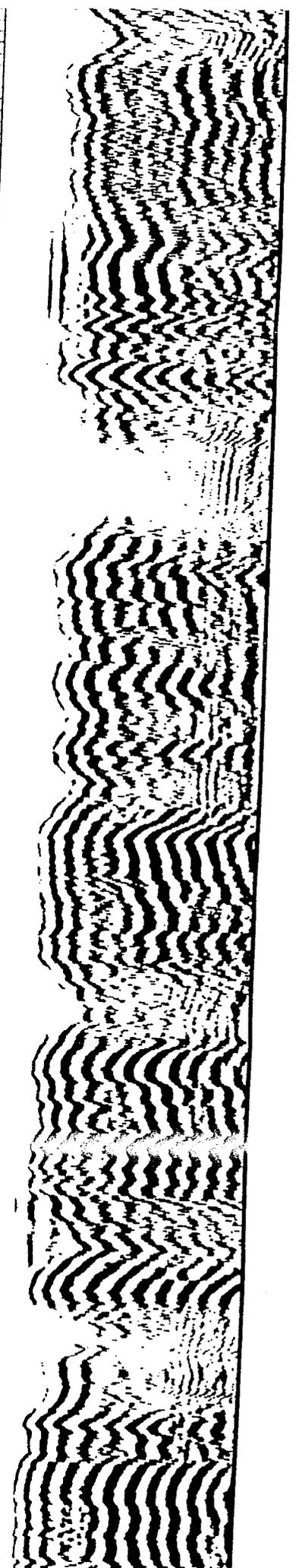
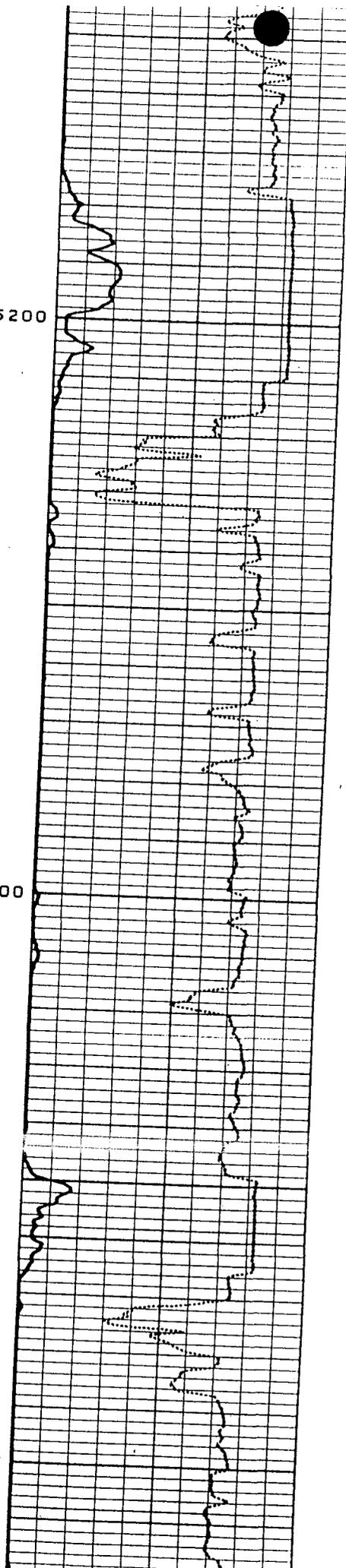


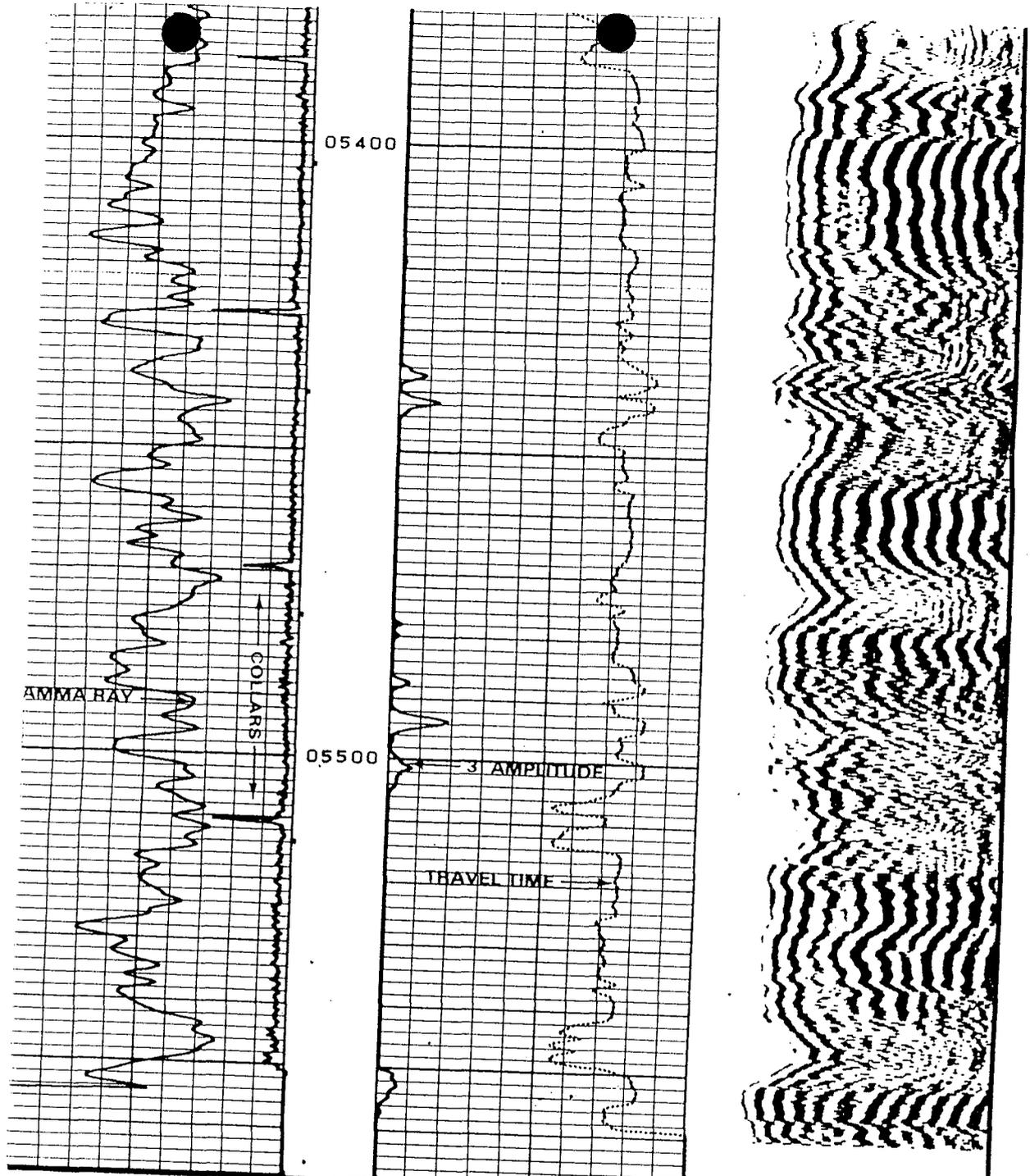


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REPEAT SECTION

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

UNDERGROUND INJECTION CONTROL PROGRAM

FINAL PERMIT

Class II Enhanced Oil Recovery Well

Permit No. UT2755-04235

Well Name: Glen Bench Federal #22-20

Field Name: Glen Bench

County & State: Uintah, Utah

issued to:

Chandler & Associates, Inc.
475 17th Street, Suite #1000
Denver, CO 80202

Date Prepared: February 1995



Printed on Recycled Paper

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PART I. AUTHORIZATION TO CONVERT AND INJECT

Pursuant to the Underground Injection Control Regulations of the U. S. Environmental Protection Agency codified at Title 40 of the Code of Federal Regulations, Parts 124, 144, 146, and 147,

Chandler & Associates, Inc.
475 17th Street, Suite #1000
Denver, CO 80202

is hereby authorized to convert a temporarily abandoned oil well to a Class II enhanced oil recovery injection well, commonly known as Glen Bench Federal #22-20 located in the SE 1/4 of the NW 1/4 (1822 feet from the west line and 1895 feet from the north line) of Section 20, Township 8 South, Range 22 East, in Uintah County, Utah. Injection shall be for the purpose of enhanced oil recovery so that Chandler & Associates, Inc. (Chandler) may continue to economically produce oil from their Glen Bench Field in accordance with conditions set forth herein.

Injection activities shall not commence until the operator has fulfilled all applicable conditions of this permit and has received written authorization from the Director. "Prior to Commencing Injection" requirements are set forth in Part II, Section C. 1., of this permit.

All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this permit becomes effective.

This permit consists of a total of 31 pages and includes all items listed in the Table of Contents. Further, it is based upon representations made by the permittee and on other information contained in the administrative record.

This permit and the authorization to inject are issued for the operating life of the well, unless terminated (Part III, Section B), or except upon automatic expiration due to prolonged postponement of conversion (Part II, Section A. 6.). The permit will be reviewed by EPA at least every five (5) years to determine whether action under 40 CFR § 144.36 (a) is warranted. The permit will expire upon delegation of primary enforcement responsibility for the UIC Program to the State of Utah, Division of Oil, Gas, and Mining, or the Uintah-Ouray Indian Tribal Government, unless either the State or the Indian Tribal Government has adequate authority, and choose, to adopt and enforce this permit as a State permit or Tribal Government permit.

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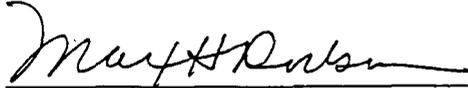
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FEB 28 1995

Issued _____.

This permit shall become effective FEB 28 1995 _____.



* Max H. Dodson
Director
Water Management Division

* NOTE: The person holding this title is referred to as the "Director" throughout this permit.

PART II. SPECIFIC PERMIT CONDITIONS

A. WELL CONVERSION REQUIREMENTS

1. Casing and Cementing. The conversion details submitted with the application are hereby incorporated into this permit as Appendix A, and shall be binding on the permittee. Cement bonds between the wellbore and casing are as follow: (1) 1st stage cement extends from the base of the 5-1/2 inch long string casing up to an estimated top of 1552 feet kelly bushing (KB) as calculated by a Cement Bond Log; and (2) cement extends from the base of the 9-5/8 inch surface casing (300 feet KB) to the surface.
2. Tubing and Packer Specifications. A tubing of two and three-eighths (2-3/8) inches diameter shall be utilized with a packer placed at a depth of approximately 4827 feet kelly bushing (KB). The permittee is required to set the packer at a distance of no more than 100 feet above the top of the perforations. Injection between the outer-most casing protecting underground sources of drinking water (USDWs) and the well bore is prohibited.
3. Monitoring Devices. The operator shall provide and maintain in good operating condition:
 - (a) a tap on the suction line, for the purpose of obtaining representative samples of the injection fluids;
 - (b) two (2), one-half (1/2) inch Female Iron Pipe (FIP) fittings, isolated by plug or globe valves, and located: 1) at the wellhead on the tubing; and 2) on the tubing/casing annulus (for attachment of pressure gauges). The gauges shall be designed to operate at a certified accuracy of at least ninety-five (95) percent, throughout the range of anticipated injection pressures; and
 - (c) a flow meter that will be used to measure cumulative volumes of injected fluid.
4. Proposed Changes and Workovers. The permittee shall give advance notice to the Director, as soon as possible, of any planned physical alterations or additions to the permitted well. Major alterations or workovers of the permitted well shall meet all conditions as set forth in this permit. A major alteration/workover shall be considered any work performed, which affects casing, packer(s), or tubing.

Demonstration of mechanical integrity shall be performed within thirty (30) days of completion of workovers/alterations and prior to injection activities, in accordance with Part II, Section C. 2.

The permittee shall provide all records of well workovers, logging, or other test data to EPA within sixty (60) days of completion of the activity. **Appendix B** contains samples of the appropriate reporting forms.

5. Formation Testing. The permittee is required to determine the **injection zone fluid pore pressure (static bottom-hole pressure)**.
6. Postponement of Conversion. If the well is **not converted** to injection status **within one (1) year** from the effective date of this permit, **the well will be plugged and abandoned in accordance with the P & A Plan (Appendix C)**, unless the permittee requests an extension. The request shall be made to the Director, in writing, and shall state the reasons for the delay in conversion and confirm the protection of all USDWs. The extension under this section may not exceed one (1) year. Financial responsibility shall be maintained during the period of inactivity in accordance with Part II, Section F. Once authorization to inject expires under this part, the full permitting process, including opportunity for public comment, must be repeated before authorization to inject will be re-issued.

B. CORRECTIVE ACTION

The applicant submitted the required 1/4-mile Area of Review (AOR) information with the permit application. The subject well is the only well within the AOR. This well, drilled and completed as an oil well in 1983, is well cemented (per cement bond log) some 3298' above the injection zone in such a manner as to preclude any migration of injected fluids up hole, especially into any Uinta USDW that might be present; therefore, the permittee is not required to take any corrective action.

C. WELL OPERATION

1. Prior to Commencing Injection. Injection operations may not commence until the permittee has complied with (a), and (b) as follows:
 - (a) Conversion is complete (according to the requirements in Part II. Section A. & B.), and the permittee has submitted a Well Rework Record (Form 7520-12 in Appendix B); and

- (i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the permit; or
 - (ii) The permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within thirteen (13) days of the date of receipt by the Director of the Well Rework Record in paragraph (a) of this permit condition in which case prior inspection or review is waived and the permittee may commence injection. [Note: However, in all circumstances, item (b) below must also be satisfied].
- (b) The permittee completes the requirements for Formation Testing (Part II, Section A, 5. above) and demonstrates that the well has mechanical integrity in accordance with 40 CFR § 146.8 and Part II, C, 2. below, and has received written notice from the Director that such a demonstration is satisfactory.

2. Mechanical Integrity Demonstration.

- (a) Method of Demonstrating Mechanical Integrity. A demonstration of the absence of significant leaks in the casing, tubing and/or packer must be made by performing a tubing/casing annulus pressure test. This test shall be for a minimum of forty-five (45) minutes at: (1) a pressure of 300 pounds per square inch gauge (psig) measured at the surface, if the well is shut-in; or (2) a pressure differential of 200 psig, if injection activities are continued during the test. The tubing/casing annulus shall be filled with non-corrosive fluid (either a non-toxic liquid or the injection liquid) at least twenty-four (24) hours in advance of the test. Pressure values shall be recorded at five (5) minute intervals. A well passes the mechanical integrity test if there is less than a ten (10) percent decrease or increase in pressure over the forty-five (45) minute period.
- (b) Schedule for Demonstration of Mechanical Integrity A demonstration of mechanical integrity shall be made at regular intervals, no less frequently than every five (5) years from the effective date of this permit, in accordance with 40 CFR 146.8 and paragraph (a) above, unless otherwise modified.

Initiation of mechanical integrity demonstrations will be according to the following provisions:

- (i) It shall be the permittee's responsibility to arrange and conduct the routine five-year tubing/casing annulus pressure test demonstration. The permittee shall notify the Director of his intent to demonstrate mechanical integrity at least thirty (30) days prior to such demonstration. Results of the test shall be submitted to the Director as soon as possible but no later than sixty (60) days after the demonstration.
- (ii) In addition to any demonstration made under paragraph (i) above, the Director may require a demonstration of mechanical integrity at any time during the permitted life of the well.
- (c) Loss of Mechanical Integrity. If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity as defined by 40 CFR § 146.8 becomes evident during operation, the permittee shall notify the Director in accordance with Part III, Section E. 10. of this permit. Furthermore, injection activities shall be terminated within forty-eight (48) hours after receipt of determination by the Director that the well lacks mechanical integrity, unless the Director requires immediate cessation; and operations shall not be resumed until the permittee has taken necessary actions to restore integrity to the well and EPA gives approval to recommence injection.

3. Injection Intervals. As identified in Appendix A, injection shall be limited to the gross Glen Bench zone (local name) of the Green River Formation, being 4850' to 4864' subsurface. Additional perforations within the gross interval, may be added later and reported on EPA Form 7520-12.

The **confining zone** above the Glen Bench injection interval consists of 75 feet of shale (4775'-4850'), calcareous in part with an additional 569', or greater, of shales, carbonate mudstones, sandy limestones, siltstones grading occasionally into thin, isolated, friable to firm very fine sandstones.

4. Injection Pressure Limitation.

- (a) Injection pressure, measured at the surface, shall not exceed an amount that the Director determines

is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs.

- (b) The exact pressure limit may be **increased or decreased** by the Director in order to ensure that the requirements in paragraph (a) are fulfilled. In order to determine an exact pressure limit, the permittee shall conduct a step rate injection test or other authorized well test(s) that will serve to determine the fracture pressure of the injection zone. Test procedures shall be pre-approved in writing by the Director. The Director will specify in writing, to the permittee, any increase or decrease to the injection pressure based upon the test results and/or other parameters reflecting actual injection operations. Until such time that this demonstration and approval is made, **the initial injection pressure, measured at the surface, shall not exceed 914 psig.**

5. Injection Volume Limitation. There is no limitation on the number of barrels of water per day (BWPD) that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Part II, Section C. 4. (b) of this permit.
6. Injection Fluid Limitation. The permittee shall not inject any hazardous substances, as defined by 40 CFR part 261, at any time during the operation of the facility; and further, no substances other than those produced brines from oil and/or gas production and source water for water flooding in the Glen Bench field.
7. Annular Fluid. The annulus between the tubing and the casing shall be filled with fresh water treated with a corrosion inhibitor to prevent corrosion. A diesel freeze blanket may be circulated from surface to below frost level at completion to prevent freezing and possible equipment failure during winter months, or other fluid as approved, in writing, by the Director.

D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Injection Well Monitoring Program. Samples and measurements shall be representative of the monitored activity. The permittee shall utilize the applicable analytical methods described in Table 1 of 40 CFR §

136.3, or in Appendix III of 40 CFR Part 261, or in certain circumstances, by other methods that have been approved by the EPA Administrator. Monitoring shall consist of:

(a) **Analysis of the injection fluids, performed:**

(i) **Annually** for Total Dissolved Solids, Ph, Specific Conductivity, and Specific Gravity, from the common facility; however, if injection is maintained from more than one well from each common facility, then only one annual analysis is required for that facility.

(ii) Whenever there is a change in the source of injection fluids. A comprehensive water analysis shall be submitted to the Director within thirty (30) days of any change in injection fluids.

(b) Weekly observations of flow rate, injection pressure and annulus pressure, and cumulative volume. Observation of each shall be recorded monthly.

2. Monitoring Information. Records of any monitoring activity required under this permit shall include:

(a) The date, exact place, the time of sampling or field measurements;

(b) The name of the individual(s) who performed the sampling or measurements;

(c) The exact sampling method(s) used to take samples;

(d) The date(s) laboratory analyses were performed;

(e) The name of the individual(s) who performed the analyses;

(f) The analytical techniques or methods used by laboratory personnel; and

(g) The results of such analyses.

3. Recordkeeping.

(a) The permittee shall retain records concerning:

(i) the nature and composition of all injected fluids until three (3) years after the

completion of plugging and abandonment which has been carried out in accordance with the Plugging and Abandonment Plan shown in Appendix C, and is consistent with 40 CFR § 146.10.

- (ii) all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit for a period of at least five (5) years from the date of the sample, measurement or report throughout the operating life of the well.
 - (b) The permittee shall continue to retain such records after the retention period specified in paragraphs (a) (i) and (a) (ii) unless he delivers the records to the Director or obtains written approval from the Director to discard the records.
 - (c) The permittee shall maintain copies (or originals) of all pertinent records at the office of Chandler & Associates, Inc., 475 17th Street, Suite 1000, Denver, Colorado.
4. Reporting of Results. The permittee shall submit an Annual Report to the Director summarizing the results of the monitoring required by Part II, Section D. 1. (a) and (b) of this permit. Copies of all monthly records on injected fluids, and any major changes in characteristics or sources of injected fluid shall be included in the Annual Report.

The first Annual Report shall cover the period from the effective date of the permit through December 31, of that year. Subsequently, the Annual Report shall cover the period from January 1 through December 31, and shall be submitted by **February 15** of the following year. Appendix B contains Form 7520-11 which may be copied and used to submit the annual summary of monitoring.

E. PLUGGING AND ABANDONMENT

1. Notice of Plugging and Abandonment. The permittee shall notify the Director forty-five (45) days before conversion, or abandonment of the well.
2. Plugging and Abandonment Plan. The permittee shall plug and abandon the well as provided in the Plugging and Abandonment Plan, Appendix C. This plan incorporates information supplied by the permittee and may contain a clarification by the EPA. The EPA

reserves the right to change the manner in which the well will be plugged if the well is modified during its permitted life or if the well is not made consistent with EPA requirements for construction and mechanical integrity. The Director may require the permittee to update the estimated plugging cost periodically. Such estimates, two (2), shall be based on an independent service company's cost for current EPA approved P&A operations, not an "in-house" cost estimate.

3. Cessation of Injection Activities. After a cessation of operations of two (2) years [40 CFR § 145.52 (a) (6)], the permittee shall plug and abandon the well in accordance with the Plugging and Abandonment Plan, unless the permittee:
 - (a) has provided notice to the Director; and
 - (b) has demonstrated that the well will be used in the future; and
 - (c) has described actions or procedures, satisfactory to the Director, that will be taken to ensure that the well will not endanger underground sources of drinking water during the period of temporary abandonment.
4. Plugging and Abandonment Report. Within sixty (60) days after plugging the well, the permittee shall submit a report on Form 7520-13 to the Director. The report shall be certified as accurate by the person who performed the plugging operation and the report shall consist of either: (1) a statement that the well was plugged in accordance with the plan; or (2) where actual plugging differed from the plan, a statement that specifies the different procedures followed.

F. FINANCIAL RESPONSIBILITY

1. Demonstration of Financial Responsibility. The permittee is required to maintain continuous financial responsibility and resources to close, plug and abandon the injection well as provided in the plugging and abandonment plan.
 - (a) The permittee shall submit financial statements and other information annually, or as required by EPA, in order to demonstrate that its financial position remains sound, and that it continues to have adequate financial resources, as determined by the EPA, to close, plug, and abandon the injection well(s) in accordance with the approved plugging and abandonment plan.

- (b) If financial statements or other information indicate that the permittee no longer has financial resources, according to EPA criteria, to assure that the injection wells will be properly plugged and abandoned, then the permittee must make an alternate showing of financial responsibility. This showing must be acceptable to the Director and must be submitted within sixty (60) days after having been notified by EPA of the necessity for making an alternate showing of financial responsibility.
- (c) The permittee may upon his own initiative and upon written request to EPA, change the method of demonstrating financial responsibility from financial statement coverage to a financial instrument such as a bond, letter of credit, or trust fund. Any such change must be approved by the Director.

2. Insolvency of Financial Institution. In the event that an alternate demonstration of financial responsibility has been approved under (b) or (c), above, the permittee must submit an alternate demonstration of financial responsibility acceptable to the Director within sixty (60) days after either of the following events occur:

- (a) The institution issuing the trust or financial instrument files for bankruptcy; or
- (b) The authority of the trustee institution to act as trustee, or the authority of the institution issuing the financial instrument, is suspended or revoked.

PART III. GENERAL PERMIT CONDITIONS

A. EFFECT OF PERMIT

The permittee is allowed to engage in underground injection in accordance with the conditions of this permit. The permittee, as authorized by this permit, shall not construct, operate, maintain, convert, plug, abandon, or conduct any other injection activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR, Part 142 or otherwise adversely affect the health of persons. Any underground injection activity not authorized in this permit or otherwise authorized by permit or rule is prohibited. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health, or the environment, nor does it serve as a shield to the permittee's independent obligation to comply with all UIC regulations.

B. PERMIT ACTIONS

1. Modification, Reissuance, or Termination. The Director may, for cause or upon a request from the permittee, modify, revoke and reissue, or terminate this permit in accordance with 40 CFR §§ 124.5, 144.12, 144.39, and 144.40. Also, the permit is subject to minor modifications for cause as specified in 40 CFR § 144.41. The filing of a request for a permit modification, revocation and reissuance, or termination or the notification of planned changes or anticipated noncompliance on the part of the permittee does not stay the applicability or enforceability of any permit condition.
2. Conversions. The Director may, for cause or upon a request from the permittee allow conversion of the well from a Class II injection well to a non-Class II well. Requests to convert the injection well from its Class II status to a non-Class II well, such as, a production well, must be made in writing to the Director. Conversion may not proceed until a permit modification indicating the conditions of the proposed conversion is received by the permittee. Conditions of the modification may include such items as, but is not

limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, and well specific monitoring and reporting following the conversion.

3. Transfers. This permit is not transferrable to any person except after notice is provided to the Director and the requirements of 40 CFR § 144.38 are complied with. The Director may require modification, or revocation and reissuance, of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the SDWA.
4. Operator Change of Address. Upon the operator's change of address, notice must be given to the following EPA office:

U. S. Environmental Protection Agency
Region VIII, UIC Section (8WM-DW)
999 18th Street, Suite 500
Denver, CO 80202-2466

C. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR § 144.5, any information submitted to EPA pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the permittee; and
- Information which deals with the existence, absence, or level of contaminants in drinking water.

E. GENERAL DUTIES AND REQUIREMENTS

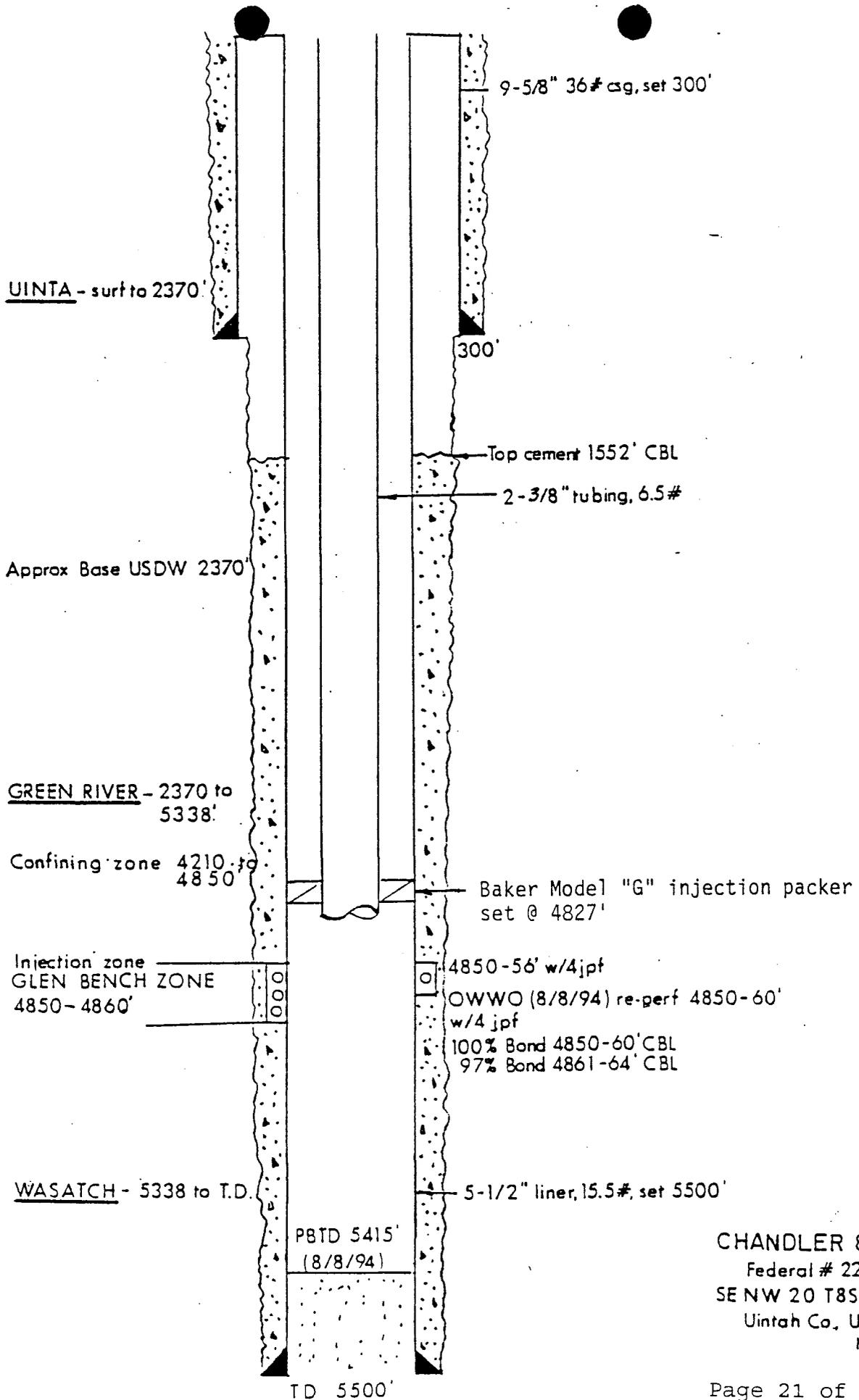
1. Duty to Comply. The permittee shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes a violation of the SDWA and is grounds for enforcement action, permit termination, revocation and reissuance, or modification. Such noncompliance may also be grounds for enforcement action under the Resource Conservation and Recovery Act (RCRA).
2. Penalties for Violations of Permit Conditions. Any person who violates a permit requirement is subject to civil penalties, fines, and other enforcement action under the SDWA and may be subject to such actions pursuant to the RCRA. Any person who willfully violates permit conditions may be subject to criminal prosecution.
3. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
4. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.
5. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities or similar systems, only when necessary, to achieve compliance with the conditions of this permit.
6. Duty to Provide Information. The permittee shall furnish the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

7. Inspection and Entry. The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - (d) Sample or monitor, at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA any substances or parameters at any location.
8. Records of Permit Application. The permittee shall maintain records of all data required to complete the permit application and any supplemental information submitted for a period of five (5) years from the effective date of this permit. This period may be extended by request of the Director at any time.
9. Signatory Requirements. All reports or other information requested by the Director shall be signed and certified according to 40 CFR § 144.32.
10. Reporting of Noncompliance.
 - (a) Anticipated Noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
 - (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than thirty (30) days following each schedule date.
 - (c) Twenty-four Hour Reporting.
 - (i) The permittee shall report to the Director

any noncompliance which may endanger health or the environment. Information shall be provided orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning EPA at (303) 293-1544 (during normal business hours) or at (303) 293-1788 (for reporting at all other times). The following information shall be included in the verbal report:

- (A) Any monitoring or other information which indicates that any contaminant may cause endangerment to an underground source of drinking water.
 - (B) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
- (ii) A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- (d) Other Noncompliance. The permittee shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III, Section E. 10.(C) (ii) of this permit.
- (e) Other Information. Where the permittee becomes aware that he failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the permittee shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

APPENDIX A
(Conversion Details)



UINTA - surf to 2370'

9-5/8" 36# csg, set 300'

300'

Top cement 1552' CBL

2-3/8" tubing, 6.5#

Approx Base USDW 2370'

GREEN RIVER - 2370 to 5338'

Confining zone 4210 to 4850'

Baker Model "G" injection packer set @ 4827'

Injection zone
GLEN BENCH ZONE
4850-4860'

4850-56' w/4 jpf
OWWO (8/8/94) re-perf 4850-60'
w/4 jpf
100% Bond 4850-60' CBL
97% Bond 4861-64' CBL

WASATCH - 5338 to T.D.

5-1/2" liner, 15.5#, set 5500'

PBTD 5415'
(8/8/94)

TD 5500'

CHANDLER & ASSOC.
Federal # 22-20
SE NW 20 T8S R22E
Uintah Co., Utah
KB 4820'

APPENDIX B

(Reporting Forms)

1. EPA Form 7520- 7: APPLICATION TO TRANSFER PERMIT
2. EPA Form 7520-10: COMPLETION REPORT FOR BRINE DISPOSAL WELL
3. EPA Form 7520-11: ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT
4. EPA Form 7520-12: WELL REWORK RECORD
5. EPA Form 7520-13: PLUGGING RECORD
6. EPA Form MIT MECHANICAL INTEGRITY TEST

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

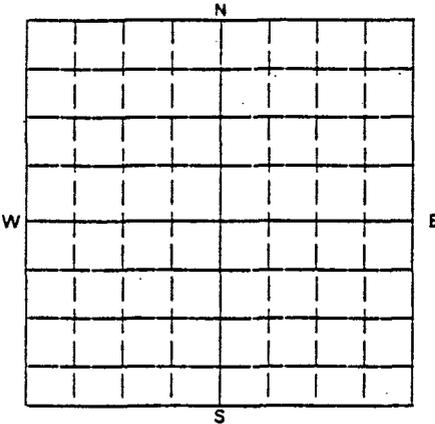


APPLICATION TO TRANSFER PERMIT

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER
SURFACE LOCATION DESCRIPTION		
¼ OF	¼ OF	¼ SECTION
TOWNSHIP		RANGE
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT		
Surface Location ____ ft. from (N/S) ____ Line of quarter section		
and ____ ft. from (E/W) ____ Line of quarter section		
WELL ACTIVITY	WELL STATUS	TYPE OF PERMIT
<input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> Class III <input type="checkbox"/> Other	<input type="checkbox"/> Operating <input type="checkbox"/> Modification/Conversion <input type="checkbox"/> Proposed	<input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells ____
Lease Name	Well Number	

NAME(S) AND ADDRESS(ES) OF NEW OWNER(S)

NAME AND ADDRESS OF NEW OPERATOR

Attach to this application a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them.

The new permittee must show evidence of financial responsibility by the submission of surety bond, or other adequate assurance, such as financial statements or other materials acceptable to the director.

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)

SIGNATURE

DATE SIGNED

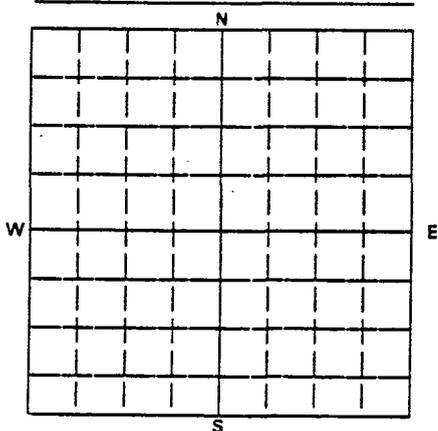


**COMPLETION REPORT FOR BRINE DISPOSAL,
HYDROCARBON STORAGE, OR ENHANCED RECOVERY WELL**

NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES



STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

¼ OF ¼ OF ¼ SECTION TOWNSHIP RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location ____ ft. from (N/S) ____ Line of quarter section
and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY

TYPE OF PERMIT

- Brine Disposal Individual
 Enhanced Recovery Area
 Hydrocarbon Storage Number of Wells ____

Estimated Fracture Pressure
of Injection Zone

Anticipated Daily Injection Volume (Bbls)

Injection Interval

Average

Maximum

Feet

to Feet

Anticipated Daily Injection Pressure (PSI)

Depth to Bottom of Lowermost Freshwater Formation
(Feet)

Average

Maximum

Type of Injection Fluid (Check the appropriate block(s))

- Salt Water Brackish Water Fresh Water
 Liquid Hydrocarbon Other

Lease Name

Well Number

Name of Injection Zone

Date Drilling Began

Date Well Completed

Permeability of Injection Zone

Date Drilling Completed

Porosity of Injection Zone

CASING AND TUBING

CEMENT

HOLE

OD Size	Wt/Pt — Grade — New or Used	Depth	Seals	Class	Depth	Bit Diameter

INJECTION ZONE STIMULATION

WIRE LINE LOGS, LIST EACH TYPE

Interval Treated	Materials and Amount Used	Log Types	Logged Intervals

Complete Attachments A — E listed on the reverse.

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)

DATE SIGNED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

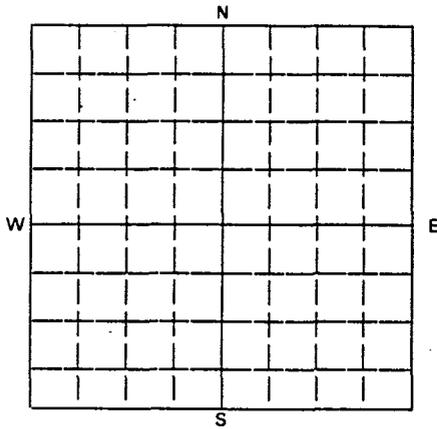


WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CONTRACTOR

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER
SURFACE LOCATION DESCRIPTION		
¼ OF	¼ OF	¼ SECTION
TOWNSHIP		RANGE
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT		
Surface Location _____ ft. from (N/S) _____ Line of quarter section		
and _____ ft. from (E/W) _____ Line of quarter section		
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name _____	Total Depth Before Rework _____ Total Depth After Rework _____ Date Rework Commenced _____ Date Rework Completed _____	TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____ Well Number _____

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals

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)

SIGNATURE

DATE SIGNED

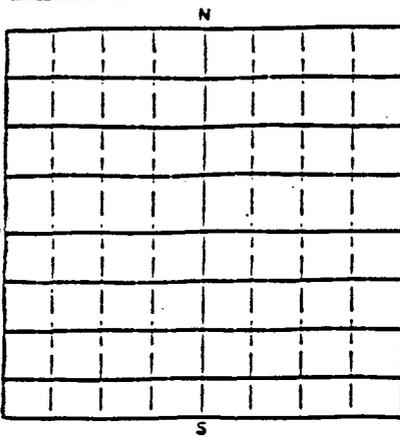


PLUGGING RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CEMENTING COMPANY

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 360 ACRES



STATE COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

1/4 OF 1/4 OF 1/4 SECTION TOWNSHIP RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location _____ ft. from (N/S) _____ Line of quarter section
and _____ ft. from (E/W) _____ Line of quarter section

TYPE OF AUTHORIZATION

- Individual Permit
- Area Permit
- Rule

Number of Wells _____

Lease Name

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB./FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE

- WELL ACTIVITY METHOD OF EMPLACEMENT OF CEMENT PLUGS
- CLASS I The Balance Method
 - CLASS II The Dump Slurry Method
 - Brine Disposal
 - Enhanced Recovery
 - Hydrocarbon Storage
 - CLASS III The Two-Plug Method
 - Other

CEMENTING TO PLUG AND ABANDON DATA:

PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #6 PLUG #7

Size of Hole or Pipe in which Plug Will Be Placed (inches)							
Depth to Bottom of Tubing or Drill Pipe (ft.)							
Sacks of Cement To Be Used (each plug)							
Slurry Volume To Be Pumped (cu. ft.)							
Calculated Top of Plug (ft.)							
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

From	To	From	To

Signature of Cementer or Authorized Representative

Signature of EPA Representative

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED

Mechanical Integrity Test

Casing or Annulus Pressure Test for Well UT2755-04235

U.S. Environmental Protection Agency
 Underground Injection Control Program, UIC Implementation Section, 8WM-DW
 999 18th Street, Suite 500, Denver, CO 80202-2466
 This form was printed on 02/23/1995.

EPA Witness: _____ Date ___/___/___ Time _____ am/pm

Test conducted by: _____

Others present: _____

Chandler & Associates, Inc., Denver, CO FEDERAL 22-20 GLEN BENCH	Op ID CHD01 2R UC as of 11/15/1994 SENW 20 08S 22E
Indian? Yes, UINTAH-OURAY	Compliance staff: WILLIAMS

Last MIT: *No record** / / *

Time (minutes)	Test #1	Test #2	Test #3
0	_____ psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30	_____	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60	_____	_____	_____
Tubing pressure	_____ psig	_____ psig	_____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: _____

See back of page for any additional comments and compliance followup.

APPENDIX C (PLUGGING & ABANDONMENT PLAN)

Plugging and Abandonment Plan

Plugging and Abandonment Diagram

PLUGGING AND ABANDONMENT PLAN

Drop std valve and test 2-3/8" tubing (tbg) to 2000#.

Move in and rig up service unit, release Baker Model "G" packer @ 4827' and POOH. Attempt to isolate leaks if tbg did not test in step one. Trip in hole w/mill and 5-1/2" csg scraper, clean out to PBTD, @ approximately 5415', using hot water and diesel as necessary to clean out paraffin. POOH LD BHA.

PLUG #1 PU 5-1/2" tbg and cast iron bridge plug (CIBP), set CIBP at 4820', spot 200' cement plug on top of CIBP.

PLUG #2 **Mahogany Ledge** estimated at 2700'. Set balanced plug of approximate 30 sacks cement to cover Mahogany Ledge as required by BLM.

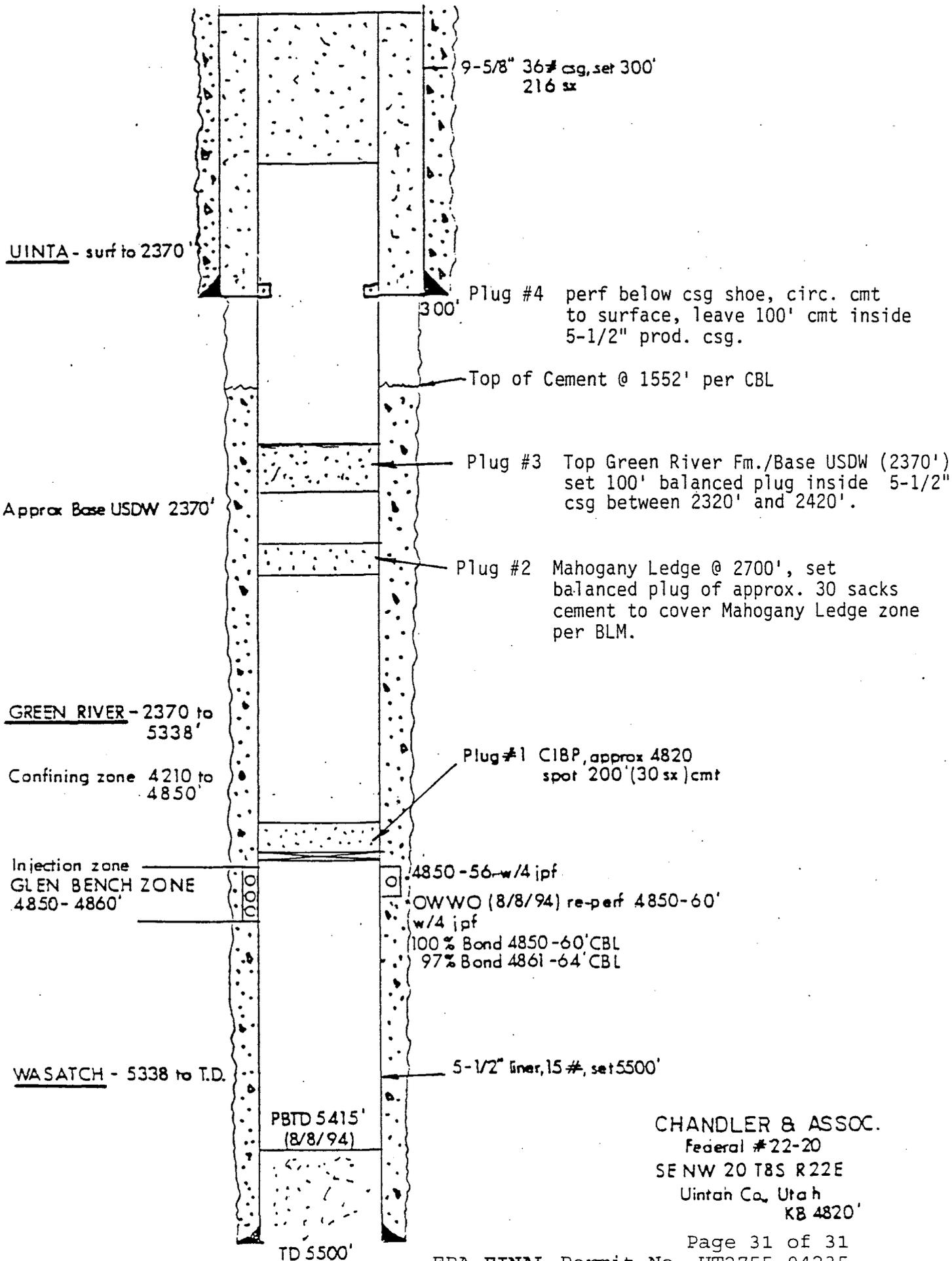
Pressure test casing to 500 psi, perform cementing as necessary to seal off any casing leaks; if no leaks are determined, proceed with next step.

PLUG #3 **Top Green River/Base USDW (2370')** - set 100' balanced plug inside 5-1/2" casing between 2320' and 2420'.

PLUG #4 Perforate below surface casing shoe @ 300', circulate cement to surface, POOH leaving 100' cement plug inside 5-1/2" production casing.

Cut off casing 4' below ground level, cap casing and install P&A marker w/well data and reclaim location.

P and A PLAN



CHANDLER & ASSOC.
 Federal #22-20
 SE NW 20 T8S R22E
 Uintah Co., Utah
 KB 4820'

STATEMENT OF BASIS

CHANDLER & ASSOCIATES, INC.

GLEN BENCH FEDERAL #22-20
GLEN BENCH FIELD

EPA PERMIT NUMBER: UT2755-04235

CONTACT: Charles E. "Chuck" Williams (8WM-DW)
U. S. Environmental Protection Agency
999 18th Street, Suite 500
Denver, Colorado 80202-2466
Telephone: (303) 293-1550

DESCRIPTION OF FACILITY AND BACKGROUND INFORMATION:

On November 15, 1994, Chandler & Associates, Inc. (Chandler) made application for the conversion of a temporarily abandoned oil well, known as the Glen Bench #22-20, to a Glen Bench zone (locally known) of the Green River formation, enhanced oil recovery injection well so that Chandler may continue to economically produce oil from their Glen Bench Field. The proposed injection fluids are produced Green River Formation brine fluids, 32,922 milligrams per liter (mg/l) Total Dissolved Solids (TDS)] and source well water (State of Utah water user claim Code #49, Serial #287) for water flooding with a TDS of 12,052 mg/l. Only minor amounts of "reservoir" water have been produced since the Glen Bench injection zone has an irreducible water saturation.

The area covered by the application is in the Glen Bench Field which lies within the exterior boundary of the Uintah-Ouray Indian Reservation. The Glen Bench Federal #22-20 well is located in the SE 1/4 of the NW 1/4, (1822 feet from the west line and 1895 feet from the north line), Section 20 - T 8 S - R 22 E, Uintah County, Utah. The permittee has sent notices to all surface landowners and interested parties within one-quarter (1/4) mile of the proposed injection well.

The TDS content of the formation water in the Glen Bench zone (4850' - 4860') is 32,922 mg/l from a water analysis included in the permit application; therefore, this injection zone is not an underground source of drinking water (USDW) and is not subject to the protection afforded in 40 CFR § 144.7 (a).

Chandler has submitted all required information and data necessary for permit issuance in accordance with 40 CFR Parts 144, 146 and 147, and a draft permit has been prepared.

The permit will be issued for the operating life of the well from the effective date of this permit, therefore, no reapplication will be necessary unless the permit is terminated for reasonable cause (40 CFR 144.39, 144.40, and 144.41). However, the permit will be reviewed every five (5) years.

This Statement of Basis gives the derivation of the site specific permit conditions and reasons for them, on the basis of the direct implementation regulations promulgated for the Uintah-Ouray Indian Tribal lands in the State of Utah, under the Underground Injection Control (UIC) program provisions for the Safe Drinking Water Act (SDWA). The referenced sections and conditions correspond to the sections and conditions in permit UT2755-04235. The general permit conditions for which the content is mandatory and not subject to site specific differences (based on 40 CFR Parts 144, 146 and 147), are not included in the discussion.

PART II, Section A WELL CONVERSION REQUIREMENTS

Casing and Cementing

(Condition 1)

The well was drilled, cased and cemented during October 1983 and completed as an oil well. Casing and cementing details were submitted with the permit application and construction is as follows:

- (1) Surface casing (9-5/8 inch) is set in a 12-1/4 inch diameter hole to a depth of 300 feet kelly bushing (KB). The casing is secured with 216 sxs cement which was circulated to the surface, isolating the casing from the wellbore.
- (2) Long string casing (5-1/2 inch) is set in an 7-7/8 inch diameter hole to a depth of 5,500 feet KB. This casing is secured with 885 sxs cement from total depth, up to a depth of 1,552 feet KB as calculated by a Cement Bond Log (CBL). Plugged back total depth (PBSD) is 5,415 feet.

UPON REENTRY OF THIS TEMPORARILY ABANDONED OIL WELL, THE CONVERSION TO AN ENHANCED OIL RECOVERY WELL WILL BE AS FOLLOWS:

- (1) MIRUSU, nipple down tree.
- (2) Trip in hole with 2-3/8" injection tubing and Baker model "G" packer to 4827', circulate packer fluid in tubing annulus, set packer, nipple up tree.

- (3) Establish injection zone fluid pore pressure, static bottom-hole pressure.
- (4) With EPA inspector or other authorized personnel present, test well for mechanical integrity (MIT), with chart, if passed successfully, place well on injection status and wait upon approval from EPA to start injection.

The construction and conversion of this well complies with the UIC requirements and is incorporated into the permit.

The State of Utah Department of Natural Resources Technical Publication No. 92 indicates that the base of moderately saline ground water (3,000 mg/l to 10,000 mg/l) is at a depth of between 2,000' and 3,000' below sea level which corresponds approximately to the base of Unita/top Green River formation contact, in the well bore (+2370'). The purpose of this study was to define the base of moderately saline water in the Uinta Basin in order to better regulate oil and gas drilling, production and Class II injection so as to minimize contamination of ground water that is fresh to moderately saline.

Tubing and Packer Specifications

(Condition 2)

The 2-3/8 inch tubing information submitted by the applicant is incorporated into the permit and shall be binding on the permittee. The packer will be set at a depth of approximately 4,827 feet KB, or no more than 100 feet above the top perforations.

Monitoring Devices

(Condition 3)

For the purposes of taking tubing and tubing/long string casing annulus pressure measurements, the EPA is requiring that the permittee install 1/2 inch fittings or equivalent quick disconnect fittings, with cut-off valves at the well head on the tubing, and on the tubing/casing annulus (**for attachment of pressure gauges**). EPA is further requiring the permittee to install a sampling tap on the line to the injection well and a flow meter that will be used to measure cumulative volumes of injected fluid. The permittee shall be required to maintain these devices in good operating condition.

Formation Testing

The permittee is required to determine the **injection zone fluid pore pressure** (static bottom-hole pressure).

PART II, Section B CORRECTIVE ACTION

The applicant submitted the required 1/4-mile Area of Review (AOR) information with the permit application. The subject well is

the only well within the AOR. This well, drilled and completed as an oil well in 1983, is well cemented (per cement bond log) some 3298' above the injection zone in such a manner as to preclude any migration of injected fluids up hole, especially into any Uinta USDW that might be present; therefore, the permittee is not required to take any corrective action.

PART II, Section C WELL OPERATION

Prior To Commencing Injection

(Condition 1)

Injection for the Glen Bench Federal #22-20 will not commence until the permittee has fulfilled all applicable conditions of the permit and has received written authorization from the Director as to the following:

- (1) The permittee has determined the injection zone fluid pore pressure;
- (2) A successfully passed mechanical integrity pressure test (MIT) has been performed and witnessed according to the guidelines discussed in the permit; and
- (5) Submitted a Well Rework Record (EPA Form 7520-12) following conversion.

Mechanical Integrity

(Condition 2)

A tubing/casing annulus pressure test must be conducted at least once every five (5) years (active injection wells) to demonstrate continued tubing, packer, and casing integrity by using an EPA approved method.

Injection Interval

(Condition 3)

Injection will be limited to the gross Glen Bench zone (local name) of the Green River Formation, being 4850' to 4864'. The permittee may find it necessary to perforate additional intervals within the above gross interval. These additional perforations may be added later and reported on EPA Form 7520-12.

The **confining zone** above the Glen Bench injection interval consists of 75 feet of shale (4775'-4850'), calcareous in part with an additional 569', or greater, of shales, carbonate mudstones, sandy limestones, siltstones grading occasionally into thin, isolated, friable to firm very fine sandstones.

Injection Pressure Limitation

(Condition 4)

A step-rate injection test performed on the Glen Bench Federal #22-20 in August 1994, resulted in a fracture gradient of 0.63

psi/ft for the Glen Bench zone. Using this value, a theoretical maximum allowable surface injection pressure (P_m), for this well, may be calculated as shown below:

$$P_m = [0.63 - 0.433 (S_g)] d$$

Where: P_m = maximum pressure at wellhead in pounds per square inch

S_g = specific gravity of injected fluid
1.02 (derived from water analysis)

d = depth to injection zone = 4850 feet

$$\text{or } P_m = [0.63 - 0.433 (1.02)] 4850 = 914 \text{ psig}$$

Until such time as the permittee demonstrates, through a step-rate injectivity test (SRT), that the fracture is other than 0.63 psig/ft, the Glen Bench Federal #22-20 shall be operated at a surface injection pressure no greater than **914 psig**. Permit provisions have been made that allows the Director to **increase or decrease** the injection pressure based upon the test results and/or other parameters reflecting actual injection operations.

Injection Volume Limitation

(Condition 5)

There is no limitation on the number of barrels of water per day (BWPD) that may be injected into the Glen Bench Federal #22-20, provided that in no case shall injection pressure exceed that limit shown in Part II, Section C. 4., of this permit. Injected fluids shall be limited to that which are identified in 40 CFR § 144.6 (b) (2) as fluids used for enhanced recovery of oil or natural gas. The permittee shall provide a listing of the sources of injected fluids on an annual basis as required by the permit.

PART II, Section D MONITORING, RECORDKEEPING AND REPORTING OF RESULTS

Injection Well Monitoring Program

(Condition 1)

The permittee is required to monitor water quality of the injected fluids at annual intervals for total dissolved solids, Ph, specific conductivity, and specific gravity. Any time there is a change in the source of injection fluid, a new water quality analysis is required.

In addition, weekly observations of flow rate, injection pressure, annulus pressure and cumulative volume will be made. Observation of each will be recorded on a monthly basis.

The permittee shall maintain copies (or originals) of all pertinent records at the office of Chandler & Associates, Inc., 475 17th Street, Suite 1000, Denver, Colorado 80202.

PART II, Section E PLUGGING AND ABANDONMENT

Plugging and Abandonment Plan

(Condition 1)

The plugging and abandonment plan submitted by the applicant (Appendix C of the Permit) consists of four (4) plugs with the following specifications. This plan has been reviewed and approved by the EPA. It is consistent with UIC requirements.

Drop std valve and test 2-3/8" tubing (tbg) to 2000#.

Move in and rig up service unit, release Baker Model "G" packer @ 4827' and POOH. Attempt to isolate leaks if tbg did not test in step one. Trip in hole w/mill and 5-1/2" csg scraper, clean out to PBSD @ approximately 5415' using hot water and diesel as necessary to clean out paraffin. POOH LD BHA.

PLUG #1 PU 5-1/2" tbg and cast iron bridge plug (CIBP), set CIBP at 4820', spot 200' cement plug on top of CIBP.

PLUG #2 **Mahogany Ledge** estimated at 2700'. Set balanced plug of approximate 30 sacks cement to cover **Mahogany Ledge zone as required by BLM.**

Pressure test casing to 500 psi, perform cementing as necessary to seal off any casing leaks; if no leaks are determined, proceed with next step.

PLUG #3 **Top Green River/Base USDW (2370')** - set 100' balanced plug inside 5-1/2" casing between 2320' and 2420'.

PLUG #4 Perforate below surface casing shoe @ 300', circulate cement to surface, POOH leaving 100' cement plug inside 5-1/2" production casing.

Cut off casing 4' below ground level, cap casing and install P&A marker w/well data and reclaim location

PART II, Section F FINANCIAL RESPONSIBILITY

Demonstration of Financial Responsibility

(Condition 1)

Chandler has chosen to demonstrate financial responsibility through a Surety Bond in the amount of \$15,000, to cover the cost of plugging and abandoning this well. Chandler has also submitted a Standby Trust Agreement that has been reviewed and approved by the EPA.

**SUGGESTED PROCEDURES FOR FORMULATING A FEDERAL
SECONDARY RECOVERY UNIT AGREEMENT
UTAH BUREAU OF LAND MANAGEMENT**

Address application and unit agreement papers to the Chief, Branch of Fluid Minerals, Bureau of Land Management. An application for designation of unit area must be submitted in an **approvable** format two weeks prior to a hearing before the Utah Board of Oil Gas and Mining or we will formally protest the agreement. Review and processing of the proposal will be facilitated if the following suggestions are observed and negotiations with our office are commenced prior to submittal of the designation application (please allow four weeks):

A. APPLICATION FOR DESIGNATION OF UNIT AREA FOR SECONDARY RECOVERY OPERATIONS. (Submit original and 2 copies.)

The request should consist of an application letter accompanied by a supporting engineering and geologic report.

1. Application letter.

a. Set out the benefits to be derived by the proposed operations.

b. Set forth the proposed basis for allocating unitized production.

c. Describe the proposed unit area by reference to a land ownership map (Exhibit A of the proposed unit agreement may be used). A legal description of all lands in the proposed unit area may also be included. The map and description should show any odd-sized lots and sections and surveyed tracts and the exact acreage in each. Lands being unitized should be divided into separate tracts for participation purposes on the basis of undivided mineral ownership.

d. List the serial number of all Federal leases, lease applications, and Indian leases on the land ownership map in sequence (grouped by Land Office identities).

e. State whether engineering and geological data and discussions are to be held confidential.

2. Engineering and Geologic Report.

a. The engineering and geological report should be designed to support the application for designation of a logical unit area boundary and the proposed participation formula.

b. Include a brief history of the field. Mention any unique features relating to the development of the field.

c. Tabulate production by tracts, showing the annual production from each tract since discovery and the monthly production from each tract during the 18 to 24 months immediately preceding the date of the application. (This requirement may be waived if production is not used in the participation formula).

d. Include copies of all logs, core analysis, and other well data which has not previously been submitted. Provide a table which indicates the reservoir top, reservoir bottom and reservoir thickness as interpreted by the engineering committee. Define the criteria used in interpreting the aforementioned data.

e. Submit structure and isopach maps which define the operators' interpretations of the reservoir conditions pertinent to the proposal. At least one of said maps should show all wells that have been drilled in the unit area and immediate vicinity thereof, the depth of each well, the reservoir thickness penetrated in each well, results of any well tests, the strike and throw of faults, and type of logs ran on each well. The map should also identify proposed injection wells to be drilled or converted.

f. Include pertinent geophysical interpretations.

g. Include schematic cross-sections and stratigraphic columns when appropriate.

h. Define the geological and engineering basis for selecting the boundary of the unit area, i. e., zero sand contour, fault trace or reservoir pinch-out and support the boundary with appropriate references to items d through g.

i. Identify your plan of development for the unit area for the first year of unitization. The plan will then be updated on a yearly basis. All drilling and completion operations within the unit area must be covered by an approved plan of development.

B. REQUEST FOR PRELIMINARY APPROVAL OF THE PROPOSED FORM OF UNIT AGREEMENT.

(This request is normally combined with the application for designation of the unit area).

The proposed form of unit agreement, with all deviations from the standard form plainly marked and explained, should be submitted for preliminary approval by the Chief, Branch of Fluid Minerals. (Include Exhibits A, B, and C with the proposed form of unit agreement). Submit 2 copies of the proposed form of agreement. Additional copies may be needed if special type lands are involved.

Exhibit "A" should be based on the latest official public land survey (scale should be no less than 1 inch to 1 mile) and should show:

- a. The proposed unit area, the acreage and official number of each lot, tract, and section, and total acreage of the unit area.
 - b. The boundary of each separate tract of land based on undivided mineral ownership.
 - c. The different types of land such as Federal, Indian, State, and Patented. Also, indicate different types of Federal and Indian lands, such as Forest, Fish and Wildlife, allotted Indian or Tribal.
 - d. Working interest owners, lease numbers of Federal, Indian, and State leases, and owners of basic royalty interests under Indian and Patented lands.
- 2 . Exhibit "B"- Schedule of lands and ownerships.
- a. Area should be divided into tracts on the basis of undivided mineral ownership and the ownership of the mineral interests under each tract should be clearly defined. (See sample Exhibit B in 43 CFR 3186.1-2).
 - b. The lands in the unit area should be grouped in Exhibit B listing Federal tracts first, followed by Indian, State, and Patented tracts in that order.
 - c. The Federal and Indian leases should be listed in Exhibit B by land office or Indian reservation in order of lease numbers.

d. The subtotal of acreage for each type of land and its percentage of the total unit area should be shown in Exhibit B.

3. Exhibit "C"- Allocation Schedule

a. List tracts in numerical order.

b. Show allocation (percent of production) to be credited to each tract. If allocation formula incorporates more than one phase, show allocation to each tract during each phase. The percent of production should be shown as a percent with a maximum of 5 decimal places i.e., 99.99999%.

c. Define basis for allocating production to the individual tracts.

Our designation letter will incorporate the following language which can be submitted as proof of our concurrence at the Board Hearing.

The form of unit agreement and Exhibits "A", "B" and "C" as submitted with your application will be accepted provided they are modified as indicated in red on the enclosed "marked copies".

In the absence of any objections not now apparent, a duly executed agreement, identical with said form, modified as indicated, will be approved if submitted in approvable status within a reasonable period of time (not to exceed six months from approval by the Utah Board of Oil, Gas and Mining).

C . SUBMITTAL OF EXECUTED UNIT AGREEMENT FOR FINAL APPROVAL

For approval all interest owners must executed the unit agreement, or sufficient interest as outlined in Sections 40-6-7 and 8, Utah Code Annotated and you have obtained approval by the Utah Board of Oil Gas and Mining.

When you are ready to proceed with secondary recovery operations, the executed agreement should be submitted to the Chief, Branch of Fluid Minerals with a request for final approval. The effective date of the agreement will be the first of the Month following our approval.

1. If no special types of land are involved, a minimum of four copies must be submitted, include one original and three copies. The original copy will be retained by our office. If special types of land are involved, ask how many agreements will be required. If more than one copy is to be returned to the operator increase the number of copies submitted for approval.

2. The text of the unit agreement should be identical to the form approved in the letter from the Chief, Branch of Fluid Minerals designating the unit area.

3. If there is more than one committed working interest owner, two copies of the unit operating agreement must accompany the executed unit agreement when it is submitted for final approval.

4. Every owner of an interest in the unit area must be invited to commit that interest to the unit agreement. If any interest owner declines to join the unit, submit evidence of reasonable effort to obtain a joinder. Try to obtain a letter giving the reasons for nonjoinder from any party who declines to commit his interests.

5. All signatures should be witnessed or acknowledged (notarized). If the signature is by an agent, attorney-in-fact, or other representative, submit evidence of authority to act for the principal. Execution by a corporate officer should show that official's title, and should carry proper attestation and the corporate seal.

operators, owners and surface owners within one-half mile radius of the proposed injection well as those persons are disclosed in the records of the land office in Uintah County and in the records of the Bureau of Land Management.

4. The names and addresses of those notified are attached hereto. Since the notices were mailed, several of the addresses described in the records and Exhibit A to the Petition have been updated. I have subsequently caused to be mailed the Petition to those owners at their current addresses. The most current addresses are utilized, and are indicated as "NEW," in the attachment.

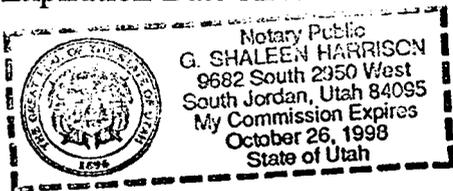
DATED this 25th day of April, 1995.



Thomas W. Bachtell

SUBSCRIBED AND SWORN TO before me this 28th day of April, 1995.

My Address and Commission
Expiration Date Are:



NOTARY PUBLIC

Residing at Salt Lake City, UT

**LIST OF OPERATORS OR OWNERS AND
SURFACE OWNERS WITHIN A ONE-HALF MILE RADIUS
OF THE PROPOSED UNIT**

Kidd Family Partnership
3838 Oak Lawn Avenue, Suite 500
Dallas, TX 75219-4506

Arbuckle, Walter H. NEW
633 Seventeenth Street, Suite 1910
Denver, CO 80203

Atterbury, John R. and Georgia
Mary Clark Wood
Trustees of Robert M. Wood
219 Bank of Commerce Bldg.
Sheridan, WY 82801

Baine, G.W., Trustee
600 South Cherry, Suite 200
Denver, CO 80222

Enron Oil & Gas Co., formerly
known as Belco Development Corp.
1400 Smith Street
P.O. Box 1188
Houston, TX 77251-1188

Enron Oil & Gas Co., formerly
known as Belco Development Corp.
1625 Broadway, Suite 1300
Denver, CO 80202

Campbell, B.C.
2370 Lynwood Drive
Salt Lake City, UT 84109

Cranmer, Forrest
16 Charles River Square
Boston, MA 02114

Cranmer, Jean
200 Cherry Street
Denver, CO 80220

Cranmer, Chappell
11515 West 13th Avenue
Denver, CO 80204

Cranmer, George
200 Cherry Street
Denver, CO 80220

Deike, Maxine
P.O. Box 666
Pine Bluffs, WY 82082

Duell, Caroline Wood
21 East Battery
Charleston, SC 29461

Eubank, Patricia Reeder
% Mary Lee C. Reeder
610 N. Rexford
Beverly Hills, CA 90210

Freedom Energy, Inc.
14333 17th Street, Suite 300
Denver, CO 80202

Gaul, George A.
60 Santal Drive
Menlo Park, CA 94025

Johnson, Victoria S.
1447 East 9200 South
Sandy, UT 84092

Hallador Petroleum, NEW
formerly Kimbark Assoc.
1660 Lincoln, Suite 2700
Denver, CO 80264

Laurel Hill Trust NEW
% Fossil Associates II
633 17th Street, Suite 1910
Denver, CO 80202

Martin, Sidney A. & Francis Martin
5624 South Harvard Court
Tulsa, OK 74135

McLaughlin, Sylvia C.
1450 Hawthorne Terrace
Berkeley, CA 94708

Nordlund, Gretchen, Trustee
H. Ross Brown Marital Trust
2851 Kentucky Avenue
Salt Lake City, UT 84117

Olsen, Alan L. Buck
1616 Glenarm Place, #2370
Denver, CO 80202

Polumbus Petroleum Corp.
(Now Polfam Exploration Co.)
1600 Stout Street, Suite 1500
Denver, CO 80202

Reeder, James C.
Ray Hoover & Associates
8350 Wilshire Boulevard
Beverly Hills, CA 90211

Reeder, James C. & Patricia
% Mary Lee C. Reeder
610 N. Rexford
Beverly Hills, CA 90210

Samson Investment Co., et al.
% Samson Investment Co.
Two West Second Street
Samson Plaza, 20th Floor
Tulsa, OK 74103

Saunders, Virginia Lee
1442 Seville Road
Santa Fe, NM 87501

Sullivan, Michael
1660 Lincoln Street, #2700
Denver, CO 80264

Claire J. Sullivan
1660 Lincoln Street, #2700
Denver, CO 80264

Tallant, Roy L.
830 de la Guerra Terrace
Santa Barbara, CA 93103

Thurston, William R., Trustee
P.O. Box 2080
Durango, CO 81302

Wall, Cecil C. & Janice O. Wall
457 West 2½ South
Vernal, UT 84078

Williams, Gladys Young
2244 Oak Crest Drive, South
Palm Springs, CA 92262

Williams, J.R. NEW
Route 5, French Quarters Apt. #214
Jacksonville, TX 75761

Wolf, Erving
1001 Fannin, Suite 2000
Houston, TX 77002

Wood, Georgia Mary Clark & John
R. Atterbury, Trustees of Robert M.
Wood
219 Bank of Commerce Bldg.
Sheridan, WY 82801

Wood, Robert Matheson Jr. NEW
% Willis A. Wood
1630 Welton, Suite 300
Denver, CO 80202

Wood, Rosemary
108 Cobblestone Drive
Colorado Springs, CO 80906

Wood, John Stillwell NEW
% Willis A. Wood
1630 Welton, Suite 300
Denver, CO 80202

Wood, Willis A. NEW
1630 Welton, Suite 300
Denver, CO 80202

Wood, Willis A. & NEW
Samuel P. Guyton, Trustees for the
June C. Boissonnas Trust
1630 Welton, Suite 300
Denver, CO 80202

Alamo Corporation
2010 34th Street
Lubbock, TX

Asher Fund 1990 Ltd.
100 Sandru, Suite 300
San Antonio, TX 78232

Asher Resources
100 Sandru, Suite 300
San Antonio, TX 78232

Asher Resources &
Asher Fund 1990 Ltd.
14800 San Pedro #102
San Antonio, TX 78232

Ballard Company
8670 Creek Trail
Morrison, CO 80465

Ballard Co.
1295A Bear Mountain Drive
Boulder, CO 80202

Brinkerhoff, Zack
555 17th Street, Suite 3410
Denver, CO 80202

Brinkerhoff, Robert W. Jr.
450-635 Eighth Avenue SW
Calgary, Alberta
Canada T2P 3M3

Brinkerhoff, Robert W. Jr.
555 17th Street, Suite 3410
Denver, CO 80202

Brinkerhoff, John
1355 Scott Crescent
Kelowna, British Columbia
Canada V1Z 2R9

Brinkerhoff, John
555 17th Street, Suite 3410
Denver, CO 80202

Brinkerhoff, Milford H.
555 17th Street, Suite 3410
Denver, CO 80202

Brinkerhoff Enterprises
5 17th Street, Suite 3410
Denver, CO 80202

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

Texas Commerce Bank NA,
Ind. Executor
E.O. Buck
P.O. Box 2558
Houston, TX 77252

Chapman, Christopher E.
1449 Ridgeway Street
Oceanside, CA 92054

Chapman, Wilda
3375 Ridgcrest Drive
Carlsbad, CA 92009

Chevron USA Inc.
P.O. Box 36366
Houston, TX 77236-9961

Chevron USA NEW
11002 East 17500 South
Vernal, UT 84078
Attn: John Conley

Chorney, Jane E.
555 17th Street, Suite 1000
Denver, CO 80202

Chorney, Jacqueline E.
P.O. Box 8437
Denver, CO 80201

Chorney, Jacqueline Eve
555 17th Street, Suite 1000
Denver, CO 80202

Chorney, Lancaster Oil Corp. &
Seabrook Corp.
555 17th Street, Suite 1000
Denver, CO 80202

Cohen, Suzanne M. Denton
5411 West University Boulevard
Dallas, TX 75209

Conoco Inc. NEW
10 Desta Drive, Suite 110W
Midland, TX 79705-4500

Denton, Joseph Gerald
5411 W. University Blvd.
Dallas, TX 75209

Denton, Joseph Gerald
602 Clear Bay
Dallas, TX 75248

Dorough, Thomas G. Trustee
The Thomas G. Dorrough Trust
P.O. Box 1196
Englewood, CO 80150

Driskell, Warren
P.O. Box 1021
Denver, CO 80295

S.N. Goodyear
82 Middlesex Road
Buffalo, NY 14206

Hamm, Mary Jane
12014 Timberlake Court
Dallas, TX 75230

Hamm, Mary Jane
555 17th Street, Suite 3410
Denver, CO 80202

Key Production Company, Inc.
P.O. Box 299639
Houston, TX 77299

Key Production Company
1700 Lincoln Street, Suite 2050
Denver, CO 80203-4520

Larson, Allan R.
4876 West Fair Avenue
Littleton, CO 80123

MHB Properties
% Milford H. Brinkerhoff
1873 So. Bellaire St., Suite 1000
Denver, CO 80222

Macaulay, Adah Trust
P.O. Box 1196
Englewood, CO 80150

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

Oil Co. Inc.
633 Third Avenue
New York, NY 10017

Pacific Gas Transmission Co.
245 Market Street
San Francisco, CA 94105

Pacific Transmission Supply Co.
245 Market Street
San Francisco, CA 94105

Palmer, Laura B.
Box 7, Site 25, RR #8
Calgary, Alberta
Canada T2J 2I9

Palmer, Laura B.
55 17th Street, Suite 3410
Denver, CO 80202

PG&E Resources
5950 Berkshire Lane, Suite 600
Dallas, TX 75225

Prodco Co., Inc. NEW
518 17th Street, Suite 1070
Denver, CO 80202

RWB Oil Properties
7 Random Road
Englewood, CO 80110

RWB Oil Corporation
555 17th Street, Suite 3410
Denver, CO 80202

Sanchez, Carole Chapman
6550 126 Ponto Drive
Carlsbad, CA 92009

Stone, D.J.
420 Santa Rita Avenue
Menlo Park, CA 94025

Stone, D.J.
217 Town and Country Village
Palo Alto, CA 94301

Stone, D.J., Colleen Karchner
Stone & David Stone, Trustees
of the Stone Family Trust
217 Town & Country Village
Palo Alto, CA 94301

Vectra Bank of Denver
999 18th Street, Suite 111
Denver, CO 80202

Wyoming National Bank of Casper
P.O. Box 2799
Casper, WY 82602

ZKB Properties
555 17th Street, Suite 3410
Denver, CO 80202

ZKB Enterprises Ltd.
555 17th Street, Suite 3410
Denver, CO 80202

State of Utah
Division of State Lands & Forestry
3 Triad Center, Suite 400
355 West North Temple
Salt Lake City, UT 84180-1204

Bureau of Land Management
324 South State, Suite 301
Salt Lake City, UT 84111-2303

United States of America as Trustee
for the Ute Indian Tribe
Bureau of Indian Affairs
Uintah and Ouray Agency
Fort Duchesne, UT 84026

Scott Carl Peterson
Leslie Ann Peterson
3394 West 400 South
Vernal, UT 84078

F. Jeffrey Peterson,
Tamara T. Peterson
5102 Edenburg
Boise, ID 83703

NGC Production Company NEW
% Dalen Resources
6688 North Central Expressway
Suite 1000
Dallas, TX 75206-3922

Grace Hall Kimball
(S. Heber)
3232 South 1700 East
Salt Lake City, UT 84106

Merlin Seinfeld, Juanita Bergreen
and Roland Seinfeld, JT
P.O. Box 394
Dutch John, UT 84523

The Lynn S. and Eula M. Hall Trust
2256 North 2500 West
Vernal, UT 84078

David B. Hall
(Trevelene H.)
2980 West 1500 North
Vernal, UT 84078

Acel Mark Hall and Jenus Slaugh
Hall, Trustees for the Acel Mark
Hall Trust
402 South 1465 East
Fruit Heights, UT 84037

Lela Hall Carter (Edward K.)
761 North 700 West
Provo, UT 84601

Jay and Ruth Hall
1993 Family Trust
150 East 500 South
Payson, UT 84651

Elizabeth Bartlett Hall Carlson
Gillard (Virgil Roy)
3784 South 3145 East
Salt Lake City, UT 84109

LuDean Hall Winegar
% Jay M. Hall
150 East 500 South
Payson, UT 84651

Mary Hall McBride
(Austin F.)
223 West 400 North
Salt Lake City, UT 84103

Bruce B. Hall
(Laurel Snyder)
487 East 2400 South
Salt Lake City, UT 84115

Glade G. and Ruby R. Hall,
Trustees of the Hall Family Trust
c/o Pinnocchio
Salt Lake City, UT 84116

Steven Don Losee (Carol)
7080 Casa Lane
Lemon Grove, CA 92045

Gayla Losee
39 West Shelley Avenue
Salt Lake City, UT 84115

Mark Abe Losee
7696 South 2250 West
West Jordan, UT 84084

Norman Charles Larsen and
Wanda Hall Larsen
Roosevelt, UT 84066

Charles Ray Richens and
Anna Hall Richens
2760 West 1500 North
Vernal, UT 84078

Kathryn Brunson
976 River Heights Blvd.
River Heights, UT 84321

First Interstate Bank of Idaho, NA
Trustee of the Victor L. Bingham
Trust
P.O. Box 57
Boise, ID 83757-0550

Edwin C. Hall
(Iona Snyder)
5690 South 2700 West
Roy, UT 84067

David Thomas Losee (Ruth)
P.O. Box 9
Lava Hot Springs, ID 83246

Leonard Peter Losee
284 East Baird Avenue
Salt Lake City, UT 84115

Mary Losee Roundy
3221 Royal Wood Drive
Salt Lake City, UT 84178

Dee Ashby Hall and
Alice Thurston Hall
2980 West 1500 North
Vernal, UT 84078

Lorraine Burns
1415 Yorktown Circle
Salt Lake City, UT 84117

Ernest I. Stewart and
Afton Bingham Stewart, Trustees
of the Stewart Family Trust
5953 Orange Blossom Lane
Phoenix, AZ 85018

Paul Schwartz
2101 North Main Street
Centerville, UT 84014

Dean Losee Wach (Boyd E.)
1809 Garvin Avenue
Simi Valley, CA 93065

Francis L. Losee
39 West Shelley Avenue
Salt Lake City, UT 84115

Glen Hall Losee
12115 South 2240 West
Riverton, UT 84065

Vera Hall Murray and
George O. Murray
% David Hall
2980 West 1500 North
Vernal, UT 84078

Ivan Ashby Hall and
Elaine Richens Hall
2616 West 1500 North
Vernal, UT 84078

Granten B. Carter
2107 Chateau
Kearns, UT 84118

Barbara A. Bingham
172 South 200 West
Cedar City, UT

James Brown, Trustee of the
Jardine, Lonebaugh, Brown &
Dunn Profit Sharing Trust
370 East South Temple, Suite 400
Salt Lake City, UT 84111

Victor Bingham Trust
David Hall
2980 West 1500 North
Vernal, UT 84078

Thomas E. Hall Testamentary Trust
Jay M., Bruce B., Glace G., &
Edwin C. Hall
% David Hall
2980 West 1500 North
Vernal, UT 84078

Ivan A. & Elaine R. Hall,
Dee A. & Alice T. Hall.,
Charles R. & Donna H. Richens,
Norman C. & Wanda H. Larsen,
Vera H. & George O. Murray,
Lynn S. Hall,
David B. Hall,
Mrs. Heber Grace Kimball,
Agel M. Hall, Merlin Sinfield,
Roland Sinfield, Juanita Bergreen
% David Hall
2980 West 1500 North
Vernal, UT 84078

Mark L. Peterson
3133 North 2050 West
Vernal, UT 84078

Harold Langley
P.O. Box 88
Vernal, UT 84078

Freda Hall Losee
% Dean Losee Wach
1809 Garvin Avenue
Simi Valley, CA 93065

**LIST OF OPERATORS, OWNERS AND
SURFACE OWNERS WITHIN A ONE-HALF MILE RADIUS
OF THE INJECTION WELL**

Bureau of Land Management
324 South State Street, Suite 301
Salt Lake City, UT 84111-2303

Scott Carl Peterson,
Leslie Ann Peterson
3394 West 440 South
Vernal, UT 84078

F. Jeffrey Peterson,
Tamara T. Peterson
5102 Edenburg
Boise, ID 83703

Kidd Family Partnership
3838 Oak Lawn Avenue, Suite 500
Dallas, TX 75219-4506

United States of America as Trustee
for the Ute Indian Tribe
Bureau of Indian Affairs
Uintah and Ouray Agency
Fort Duchesne, UT 84026

The Hawks Company Limited
Partnership (NEW)
% Hawks Industries
P.O. Box 359
Casper, WY 82602
Attention: Bill Ukele

The Hawks Company Limited
Partnership (NEW)
% Don Galles
P.O. Box 2493
Casper, WY 82602

Mary Hedges
2030 West 44th Street
Casper, WY 82602

Adah G. Macaulay Trust Partnership
P.O. Box 1196
Englewood, CA 80150

Thomas G. Dorough Trust
P.O. Box 1196
Englewood, CO 80150

Wilda Chapman
3375 Ridgcrest Drive
Carlsbad, CA 92009

Christopher E. Chapman
1149 Ridgeway Street
Oceanside, CA 92054

Carole Chapman Sanchez
6550-126 Ponto Drive
Carlsbad, CA 92009

Key Production Company
1700 Lincoln Street, Suite 2050
Denver, CO 80203-4520

Allan R. Larson
4876 West Fair Avenue
Littleton, CO 80123

NGC Production Company (NEW)
% Dalen Resources
6688 North Central Expressway,
Suite 1000
Dallas, TX 75206-3922

S.N. Goodyear
82 Middlesex Road
Buffalo, NY 14216

Jacqueline E. Chorney
P.O. Box 8437
Denver, CO 80201

Jane E. Chorney
555 Seventeenth Street, #1000
Denver, CO 80202

Jacqueline Eve Chorney
555 Seventeenth Street, #1000
Denver, CO 80202

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

**PERMIT
STATEMENT OF BASIS**

Applicant: Chandler and Associates **Well:** Federal 22-20

Location: Glen Bench Unit, Uintah County

Ownership Issues: The proposed well is located in section 20, township 8 south, range 22 east, Uintah, County, Utah. The surface and minerals within a 1/2 mile of the well is owned by the federal government. Chandler has provided an affidavit stating that all interested parties have been notified of their intent to convert the well to injection, and of there proposal to form a waterflood unit.

Well Integrity: The well proposed for injection is the Federal 22-20. The well has a 9 5/8" surface casing at 300 feet and cemented to surface. A 5 1/2" longstring is set at 5500 feet and is cemented to 1552 feet and was verified by a cement bond log. The injection interval is from 4850 feet to 4864 feet (Glen Bench Member of Green River Formation). A 2 3/8" tubing will be set in a packer at 4827 feet. This construction should adequately protect all USDW's. There are 2 producing wells and 1 plugged and abandoned well in the 1/2 mile area of review. The construction of these wells and the location of the plugs in the abandoned well are determined adequate to prevent any migration of fluid up the hole. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 2-3000 feet located at the base of the Uinta Formation in the area of the project. Any shallow fresh water zones will be adequately protected by existing constructions. A maximum injection pressure of 725 psi (surface pressure) was requested. The average fracture gradient for the field is .63 psi/ft., which calculates a parting pressure of 914 psig.. Injection below a pressure of 914 psig. should prevent fracturing of the overlying confining zone. The confining zone above the Glen Bench sand consists of approximately 650 feet of shales, silts, calcareous mudstones and limestones. No corrective action is needed on the proposed well or any of the wells in the area of review.

Oil/Gas & Other Mineral Resources Protection: The proposed project (Glen Bench Unit) will be heard before the Board of Oil Gas and Mining on May 24th, 1995. Injection into this well should have no adverse affects on any offsetting production outside the unit area.

Bonding: All the wells in the project are operated by Chandler and Associates. The proposed well is located on federal land and will be bonded by the BLM.

Actions Taken and Further Approvals Needed: A public notice for project and the injection well has been published in both the Salt Lake Tribune and the Uinta Basin Standard. A Board order for approval of the project and the well can be granted after testimony has been heard and a concurrence of approval from the BLM is granted. The application for conversion of the injection well is technically complete. Injection of fluids as per the conditions stated in the application will cause no degradation of any USDW's.

DJJ
Reviewers

05-15-95
Date

611

NOTICE
PURPOSE OF PUB
VENTURES, INC.
NOTICE OF
HEARING
BEFORE THE BOARD
OF OIL, GAS AND
MINING
DEPARTMENT OF
NATURAL
RESOURCES
STATE OF UTAH
DOCKET NO. 95-008
CAUSE NO. 235-1

IN THE MATTER OF
THE REQUEST FOR
AGENCY ACTION OF
CHANDLER & ASSO-
CIATES, INC. FOR AP-
PROVAL OF A SEC-
ONDARY RECOVERY
PROGRAM BY WA-
TERFLOOD AND EN-
HANCED RECOVERY
WELLS, AND THE
UNITIZATION OF OIL
AND GAS INTERESTS
IN THE GLEN BENCH
FORMATION WITHIN
THE GLEN BENCH
FIELD, UINTAH
COUNTY, UTAH, IN
ACCORDANCE WITH
UTAH CODE ANN. §§
40-6-7 AND 40-6-8;
FOR AN ORDER AP-
PROVING THE CON-
VERSION OF THE NGC
22-20 FEDERAL WELL
TO A WATER INJEC-
TION WELL IN THE
GLEN BENCH FORMA-
TION; AND FOR AN
AMENDMENT TO EX-
CLUDE THE GLEN
BENCH FORMATION
FROM A PART OF THE
WHITE RIVER UNIT

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

Notice is hereby given
that the Board of Oil, Gas
and Mining ("Board"),
State of Utah, will con-
duct a hearing on
Wednesday, May 24,
1995, at 10 a.m., or as
soon thereafter as possi-
ble, in the Boardroom of
the Division of Oil, Gas
and Mining, 355 West
North Temple, 3 Triad
Center, Suite 520, Salt
Lake City, Utah.

The hearing will be
conducted in accordance
with the Utah Code Ann.
§ 40-6-1 et seq., Utah
Code Ann §§ 63-46b-1 et
seq. (1953, as amended),
and the Procedural Rules
of the Board.

The purpose of the pro-
ceeding will be for the

PROOF OF PUBLICATION

STATE OF UTAH,
County of Uintah } ss.

I, Melanie Morrison,
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 10th day of May, 1995 and the last on
the 10th day of May, 1995, 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.....*Melanie Morrison*.....
Manager

Subscribed and sworn to before me, this
10th day of May, A.D. 1995.

.....*Jack R. Wells*.....
Notary Public, Residence, Vernal, Utah



PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	05/09/95

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
538-5340	TL557100801
SCHEDULE	
START 05/09/95 END 05/09/95	
CUST. REF. NO.	
DKT #95-00	
CAPTION	
NOTICE OF HEARING DOCKET NO. 95	
SIZE	
118 LINES	2.00 COLUMN
TIMES	RATE
1	1.64
CHARGES	AD CHARGES
.00	387.04
TOTAL COST	
387.04	

NOTICE OF HEARING
DOCKET NO. 95-008, CAUSE NO. 235-1
BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

THE MATTER OF THE REQUEST FOR AGENCY ACTION OF CHANLER & ASSOCIATES, INC. FOR APPROVAL OF A SECONDARY RECOVERY PROGRAM BY WATERFLOOD AND ENHANCED RECOVERY WELLS, AND THE UNITIZATION OF OIL AND GAS INTERESTS IN THE GLEN BENCH FORMATION WITHIN THE GLEN BENCH FIELD, UTAH COUNTY, UTAH, IN ACCORDANCE WITH UTAH CODE ANN. §§ 40-6-4 AND 40-6-8; FOR AN ORDER APPROVING THE CONVERSION OF THE NGC 22-20 FEDERAL WELL TO A WATER INJECTION WELL IN THE GLEN BENCH FORMATION; AND FOR AN AMENDMENT TO EXCLUDE THE GLEN BENCH FORMATION FROM A PART OF THE WHITE RIVER UNIT.

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

Notice is hereby given that the Board of Oil, Gas and Mining ("Board"), State of Utah, will conduct a hearing on Wednesday, May 24, 1995, at 10:00 a.m., or as soon thereafter as possible, in the Boardroom of the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 520, Salt Lake City, Utah.

The hearing will be conducted in accordance with Utah Code Ann. §§ 40-6-1 et seq., Utah Code Ann. §§ 63-46b-1 et seq., 1953, as amended, and the Procedural Rules of the Board.

The purpose of the proceeding will be for the Board to receive and consider testimony and evidence regarding the establishment of a secondary recovery unit, the approval of a secondary recovery program by waterflood and enhanced recovery wells, the unitization of the interests in oil and gas in the Glen Bench Formation within the Glen Bench Field, Utah County, Utah, the conversion of the NGC 22-20 Federal well to a water injection well in the Glen Bench Formation, and for amendment of the White River Unit to exclude the Glen Bench Formation from the White River Unit as to Lots 6 and 7, NE 1/4 SE 1/4 of Section 9 and NW 1/4 SW 1/4 of Section 10, Township 8 South, Range 22 East, SLM.

The proposed Glen Bench Unit Area will consist of 2,641.26 acres in Utah County, Utah, described as follows:
Township 8 South, Range 22 East, SLM
Section 9: Lots 6 and 7, NE 1/4 SE 1/4
Section 10: Lot 1, NW 1/4 SW 1/4
Section 15: NW 1/4 NW 1/4
Section 16: W 1/2, NE 1/4, NW 1/4 SE 1/2
Section 17: S 1/2, E 1/2 NE 1/4, SW 1/4 NE 1/4, SE 1/4 NW 1/4
Section 19: Lots 5, 11, 12, 13, 14, 15, 18, 19, 20
Section 20: W 1/2, NE 1/4, NW 1/4 SE 1/4
Section 29: Lot 2
Section 30: Lots 3, 5-12, 14, NE 1/4 SW 1/4

Petitioner requests the Board make its findings and issue its order:

1. Providing for and approving the unitized management, operation, and development of the Glen Bench Formation, Glen Bench Field in the proposed Unit area as a common source of supply;
2. Authorizing the proposed waterflood project for the Glen Bench Formation, Glen Bench Field, in the proposed Unit area as applied for herein;
3. Approving the amendment of the White River Unit to exclude Lots 6 and 7, NE 1/4 SE 1/4 of Section 9 and the NW 1/4 SW 1/4 of Section 10, Township 8 South, Range 22 East, SLM, as to the Glen Bench Formation only;
4. Approving the proposed plan of unitization and proposed operating plan for the Glen Bench Unit;
5. Authorizing the operator to convert NGC 22-20 Federal well located in the SE 1/4 NW 1/4 of Section 20, Township 8 South, Range 22 East, SLM, from a producing well to a Class II water injection well, and drill additional water injection wells, and abandon water injection wells in the unit, upon obtaining all necessary approvals as required by law;
6. Making such findings and orders in connection with this petition as it deems necessary; and
7. Providing for such other and further relief as may be just and equitable under the circumstances.

Natural persons may appear and represent themselves before the Board. All other representation by parties before the Board will be by attorneys licensed to practice law in the state of Utah, or attorneys licensed to practice law in another jurisdiction which meet the rules of the Utah State Bar for practicing law before the Utah Courts. Attorney representation may be waived by the Board upon petition and good cause shown.

Objections to this matter should be filed with the Secretary of the Board at the above address no later than the 10th day of the month, or two weeks before the scheduled hearing, whichever is earlier. Objections filed later than the 10th day may be considered by the Board at or before the regularly scheduled meeting for good cause shown.

Persons interested in this matter may participate pursuant to the procedural rules of the Board. The Request for Agency Action, and any subsequent pleadings, may be inspected in the office of the undersigned.

Pursuant to the Americans with Disabilities Act, persons requiring auxiliary communicative aids and services to enable them to participate in this hearing, should call Janice Brown at 538-5340, at least three working days prior to the hearing date.

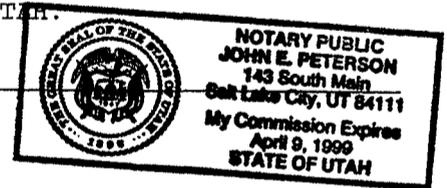
DATED this 4th day of May, 1995.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING
Dave D. Lauriski, Chairman
/s/ Janice L. Brown
Secretary of the Board
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

AFFIDAVIT OF PUBLICATION

AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED NOTICE OF HEARING DOCKET NO. 95 FOR OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

START 05/09/95 END 05/09/95



IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Chandler + Associates Well: 22-20 Federal well

Location: ^{SE 1/4} section 20 township 8S range 22E

API #: 43-047-31356 Well Type: disp. enhanced recov. X

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

Lease Type: Federal Surface Ownership: BLM

Field: Green Bench Unit: Green Bench II Indian Country: Y
(preferred)

UIC Form 1: Yes Plat: Yes Wells in AOR: 3 P 1 PA

Logs Available: Yes Bond Log: Yes

Casing Program: 9 5/8 to 300' cemented to surface, 5 1/2" to 5500'
Cement top at 1552 from CBL

Integrity Test: to be run at conversion.

Injection Fluid: Produced water from field + water source well 12, 152 mg/L
^{32,000 TDS}

Geologic Information: Green Bench zone 4850 - 4864 injection zone. Confining zone
consist of shales and mudstones of green river

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. Yes

Fracture Gradient Information: Step rate test run 8/94
parting pressure. 1.63 FWH gradient Parting Pressure 914 psi

Affidavit of Notice to Owners: Yes

Fresh Water Aquifers in Area: B

Depth Base of Moderately Saline Water: 2000 - 3000 feet Base of water.

Confining Interval: shales + mudstones.

Reviewer: D. Jarvis Date: 5/16/95



WATER ANALYSIS REPORT

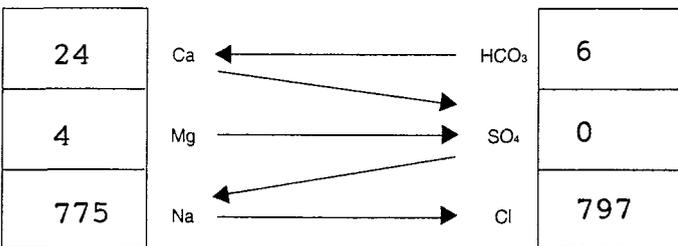
COMPANY Chandler ADDRESS _____ DATE 01-13-95

SOURCE 22-20 DATE SAMPLED 01-11-95 ANALYSIS NO. _____

	Analysis	Mg/l(ppm)	*Meq/l
1. PH	<u>6.2</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.011</u>		
4. Dissolved Solids		<u>46,983</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count	_____ C/MI		
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)	HCO ₃ <u>350</u>		+ 61 <u>6</u> HCO ₃
9. Chlorides (Cl)	Cl <u>28,300</u>		+ 35.5 <u>797</u> Cl
10. Sulfates (SO ₄)	SO ₄ <u>0</u>		+ 48 <u>0</u> SO ₄
11. Calcium (Ca)	Ca <u>480</u>		+ 20 <u>24</u> Ca
12. Magnesium (Mg)	Mg <u>49</u>		+ 12.2 <u>4</u> Mg
13. Total Hardness (CaCO ₃)		<u>1400</u>	
14. Total Iron (Fe)		<u>3.1</u>	
15. Barium (Qualitative)			
16. Phosphate Residuals		<u>0</u>	

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

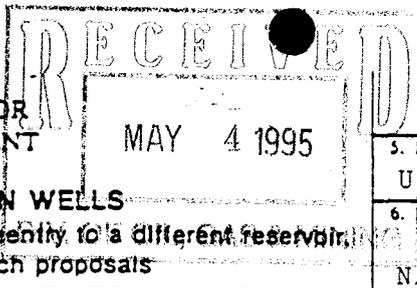


Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		<u>6</u>		<u>486</u>
CaSO ₄	68.07				
CaCl ₂	55.50		<u>18</u>		<u>999</u>
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62		<u>4</u>		<u>191</u>
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>775</u>		<u>45,307</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS Resistivity = .26 ohms/meter @ 72° F

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Chandler & Associates Inc

3. Address and Telephone No.

475. 17th St, #1000 Denver, Co 80202 (303) 295-0400

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

1895'FNL & 1822'FWL (SENW) Sec 20-T8S-R22E

5. Lease Designation and Serial No.

U-055

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Glen Bench

8. Well Name and No.

Glen Bench Fed 22-20

9. API Well No.

43-047-31356

10. Field and Pool, or Exploratory Area

Glen Bench

11. County or Parish, State

Uintah, Utah

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 type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" 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.)

5. 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.)*

Plan to utilize existing perforations (4850-60) for water injection zone.

- 1) MIRU, nipple down tree
- 2) T.I. w/2-3/8 injection tubing and packer to 4825' circulate packer fluid in tubing annulus, set packer, NU tree
- 3) Establish injection zone fluid pore pressure, static bottom-hole pressure
- 4) Test well for Mechanical Integrity (MIT), hook up surface equipment. Wait on EPA approval to start injection.

cc: State of Utah

RECEIVED
DEC 24 1994

I hereby certify that the foregoing is true and correct:

Signature: *[Signature]*

Title: Mgr Operations/Production

Date: 12/23/94

(This space for Federal or State office use)

Approved by: *[Signature]*

Title: ASSISTANT DISTRICT
MANAGER MINERALS

Date: FEB 10 1995

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 INTERIOR
BUREAU OF LAND MANAGEMENT**

Form Approved

Budget Bureau No. 1004-8135

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.

5. Lease Designation and Serial No.
U-055

6. If Indian, Allote or Tribe Name
N/A

7. If Unit or CA. Agreement Designation
UTU 73974A

8. Well Name and No.
Glen Bench Fed. #22-20

9. API Well No.
43-047-31356

10. Field and Pool, or Exploratory Area
Glen Bench

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
OIL GAS OTHER
WELL WELL

2. Name of Operator
CHANDLER & ASSOCIATES, INC..

3. Address and Telephone No.
**475 17th Street, Suite #1000
Denver, CO 80202 (303) 295-0400**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
1895' FNL & 1822' FWL (SE NW) Sec. 20, T8S R22E

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection

(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.)*

Chandler and Associates, Inc. wishes to amend original plan to convert well to injection by using 2-7/8" tubing instead of 2-3/8" tubing.

Plan to Convert Producing Oil Well to Water Injection Well:

- 1) MIRU, nipple down tree.
- 2) T.I. w/2-7/8" tubing and retrievable packer to 4825'. Circulate packer fluid in tubing annulus, set packer, nipple up tree.
- 3) Establish injection zone (4850'-4860') fluid pore pressure, static bottom hole pressure.
- 4) Test well for Mechanical Integrity (MIT), hook up surface equipment. Wait on EPA approval to start injection.

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

Signed Thomas D. Taylor Title Production Geologist Date August 15, 1995

(This space for State office use)
Approved by [Signature] Title _____ Date _____
Conditions of Approval, if any:

Approved 6/19/95 Case # 235-1

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SEP - 2 1994

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-055
2. Name of Operator: Chandler & Associates, Inc.		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 475 17th St, Suite 1000 Denver, Co 80202 (303) 295-0400		7. Unit Agreement Name: Glen Bench
4. Location of Well Footages: 1985'FNL & 1822'FWL SENW Sec 20-T8S-R22E OO, Sec., T., R., M.:		8. Well Name and Number: Glen Bench Federal 22-20
		9. API Well Number: 43-047-31356
		10. Field and Pool, or Wildcat: Glen Bench
		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 _____	<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 _____
<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
Approximate date work will start _____	Date of work completion <u>8/19/94</u> 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.

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.)

The above referenced well was returned to production on 8/19/94.

13. Name & Signature:  Title: Manager of Production Date: 8/31/94

(This space for State use only)



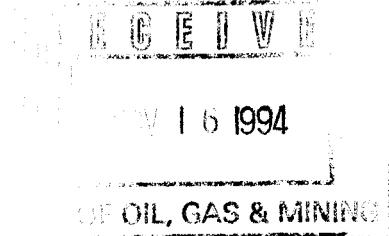
CHANDLER & ASSOCIATES, INC.

475 17TH ST. • SUITE 1000 • DENVER, COLORADO 80202 • 303 295-0400

OIL & GAS EXPLORATION AND PRODUCTION

FAX 303 295-0222

November 10, 1994



Utah Division of Oil, Gas and Mining
355 W. North Temple, 3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

RE: Glen Bench Federal #22-20
Section 20, T8S, R22E
Unitah County, Utah

43-047-31356

Dear Mr. Hunt:

I wish to inform you and your agency that it is Chandler and Associates intention to convert the aforementioned well into a Class II water injection well, utilizing the existing perforations. The application process with the Environmental Protection Agency is being finalized and will be submitted to that agency shortly.

At this time I would like to request that if there are any information requirements or procedures that need to be complied with through your agency, please notify myself or Tom Taylor at (303) 295-0400.

Sincerely,

CHANDLER AND ASSOCIATES

D.M. (Don) Johnson
Manager of Operations And Production

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

MAR 8 1996 REGISTRATION & SERIAL NO.

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>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME UTU 73974X	
2. NAME OF OPERATOR CHANDLER & ASSOCIATES, INC.		8. FARM OR LEASE NAME GLEN BENCH	
3. ADDRESS OF OPERATOR 475 17TH STREET, SUITE #1000		9. WELL NO. #22-20	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1895' FNL & 1822' FWL (SENW) At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT GLEN BENCH	
14. API NO. 43-047-31356		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4820' KB	
		12. COUNTY UINTAH	13. STATE UT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 20, T8S R22E	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CONVERSION TO INJECTION</u> <input type="checkbox"/>	
(Other)		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION <u>9/1/95</u>	

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.)

* Must be accompanied by a cement verification report.

GLEN BENCH #22-20 was converted to a water injection well for the GLEN BENCH secondary recovery unit, using existing perforations (4850'-4860')

8/17/95 MIRUSU, Unseat pump. POOH w/ rods & pump.

8/18/95 Clean out well bore to 5415', set retaining packer at 4804'
Perform MIT.

9/1/95 Hook well up and start injection

ATTACHMENTS: EPA well rework record
MIT.

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

SIGNED Tom [Signature] TITLE PRODUCTION GEOLOGIST DATE 3/14/96

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MAR 18 1996

Mechanical Integrity Test Casing or Annulus Pressure Test for Well UT2755-04235

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 02/23/1995.

EPA Witness: _____ Date 8/18/95 Time 10:30 (am/pm)

Test conducted by: James Simonton (Chandler Rep.)

Others present: Brent Richardson (BSB Well Service)

Chandler & Associates, Inc., Denver, CO	Op ID CHD01
FEDERAL 22-20	2R UC as of 11/15/1994
GLEN BENCH	SEW 20 08S 22E
Indian? Yes, UINTAH-OURAY	Compliance staff: WILLIAMS

Last MIT: *No record** / / *

Time (minutes)	Test #1	Test #2	Test #3
0	<u>500</u> psig	<u>575</u> psig	_____ psig
5	<u>450</u>	<u>575</u>	_____
10	_____	<u>575</u>	_____
15	_____	<u>575</u>	_____
20	_____	<u>575</u>	_____
25	_____	<u>573</u>	_____
30	_____	<u>573</u>	_____
35	_____	<u>572</u>	_____
40	_____	<u>570</u>	_____
45	_____	<u>570</u>	_____
50	_____	<u>570</u>	_____
55	_____	<u>570</u>	_____
60	_____	<u>570</u>	_____
Tubing pressure	_____ psig	<u>2</u> psig	_____ psig

*Initial test prior to injection.

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: _____

See back of page for any additional comments and compliance followup.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-931

August 24, 2000

Attn: Scott M. Webb
Shenandoah Energy Inc.
465 17th Street, Suite 1000
Denver, Colorado 80202

Re: Glen Bench Unit
Uintah County, Utah

Gentlemen:

On August 24, 2000, we received an indenture dated August 18, 2000, whereby Shenandoah Operating Company, L.L.C. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Glen Bench Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 24, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Glen Bench Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Glen Bench Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Glen Bench Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:8/24/00

Results of query for MMS Account Number UTU73974X

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Qu
4304731008	CHANDLER & ASSOCIATES LLC	31-30 GLEN BENCH	POW	UTU9617	UTU73974X	8S	22E	30	NW
4304731257	CHANDLER & ASSOCIATES LLC	44-19 GLENBENCH	ABD	UTU9617	UTU73974X	8S	22E	19	SE
4304731260	CHANDLER & ASSOCIATES LLC	22-30 BENCH GLEN	TA	UTU9617	UTU73974X	8S	22E	30	SE
4	CHANDLER & ASSOCIATES LLC		POW	STATE					
4304731355	CHANDLER & ASSOCIATES LLC	13-20 NGC	POW	UTU9617	UTU73974X	8S	22E	20	NW
4304731356	CHANDLER & ASSOCIATES LLC	22-20 NGC	WIW	UTU69001	UTU73974X	8S	22E	20	SE
4304731399	CHANDLER & ASSOCIATES LLC	45-16 WHITE RIVER	POW	STATE	UTU73974X	8S	22E	16	NE
4304731433	CHANDLER & ASSOCIATES LLC	31-20 FEDERAL	POW	UTU69001	UTU73974X	8S	22E	20	NW
4304731555	CHANDLER & ASSOCIATES LLC	2-17-4C ANTELOPE	POW	UTU65276	UTU73974X	8S	22E	17	SE
4304731556	CHANDLER & ASSOCIATES LLC	3-17-3C ANTELOPE	POW	UTU65276	UTU73974X	8S	22E	17	SE
	CHANDLER								

4304732476	& ASSOCIATES LLC	GLEN BENCH 8-19	POW	UTU65404	UTU73974X	8S	22E	19	SEI
4304732549	CHANDLER & ASSOCIATES LLC	GLEN BENCH 6-16	POW	STATE	UTU73974X	8S	22E	16	SEI
4304732582	CHANDLER & ASSOCIATES LLC	GLEN BENCH 7-16	WIW	STATE	UTU73974X	8S	22E	16	SW
4304732583	CHANDLER & ASSOCIATES LLC	GLEN BENCH 12-16	WIW	STATE	UTU73974X	8S	22E	16	NW
4304732718	CHANDLER & ASSOCIATES LLC	GLEN BENCH 8-17	P+A	UTU65276	UTU73974X	8S	22E	17	SEI
4304732755	CHANDLER & ASSOCIATES LLC	4-30-8-22	POW	UTU9617	UTU73974X	8S	22E	30	NW
4304732756	CHANDLER & ASSOCIATES LLC	GLEN BENCH 15-19	POW WIW	UTU9617	UTU73974X	8S	22E	19	SW
4304732857	CHANDLER & ASSOCIATES LLC	GLEN B 11-16-8-22	POW	STATE	UTU73974X	8S	22E	16	NE

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

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

<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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</p>		6. Lease Designation and Serial Number
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number
2. Name of Operator <i>Shenandoah Energy Inc.</i>		10. API Well Number
3. Address of Operator <i>475 17th Street, Suite #1000 Denver, Colorado 80202</i>	4. Telephone Number <i>303-295-0400</i>	11. Field and Pool, or Wildcat
5. Location of Well Footage : Please see attached spreadsheet County : QQ, Sec, T., R., M. : State :		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><small>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.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Change of Operator</u>																											

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.)

Please be advised that effective 1/1/200 Chandler & Associates, Inc has changed its name to Shenandoah Energy Inc. Shenandoah Energy Inc. is responsible under the terms and conditions of the lease for the operation conducted upon the leased lands. Shenandoah Energy Inc. is bonded in the amount of \$80,000.00 to the School and Inst. Trust Lands via a name change rider filed with the State. Continental Casualty Bond # 159261960.

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

Name & Signature: Thomas D. Taylor Title Production Geologist Date 05/25/2000

(State Use Only)

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MAY 30 2000

**DIVISION OF
OIL, GAS AND MINING**

SHENANDOAH ENERGY INC.
UTAH OPERATED WELLS

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-047-15090-00	04915	WRU	#31-4	SWSE 4, 8S-22E	WHITE RIVER		GREENRIVER	WSW	8910035090
43-047-15081-00	04915	WRU	#16-9	SWSE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15084-00	04915	WRU	#20-9	NESW 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15087-00	04915	WRU	#25-9	NENE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31354-00	05170	WRU	#43-16	NENW 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-31399-00	09915	WRU	#45-16	NENE 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-32052-00	11468	DESERT SPRINGS FED.	#20-1	NESW 20, 10S-18E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32088-00	12497	W. DESERT SPRING	#11-20	NESW 20, 10S-17E	WILDCAT	WSTC	WASATCH	OW	
43-013-32057-00	12497	W. RIVER BEND	#16-17-10-17	SESE 17, 10S-17E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-31888-00	12497	W. RIVER BEND	#3-12-10-15	NENW 12, 10S-15E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32084-00	12497	WILKIN RIDGE	#13-23	SWSW 23, 10S-16E	WILDCAT	WSTC	GREEN RIVER	OW	
43-047-33163-00		DESERT SPRING	#7-30-10-18	SWNE 30, T10S-R18E	APD	WSTC			

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MAY 30 2000

DIVISION OF
OIL, GAS AND MINING

RECEIVED

MAY 30 2000

DIVISION OF
OIL, GAS AND MINING

SHENANDOAH ENERGY INC.
UTAH OPERATED WELLS

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-015-30168-00	10684	BUZZARD BENCH FED	#6-3	SENW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30229-00	10670	BUZZARD BENCH FED	#3-24	SESW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30110-00	10685	FERRON FED	#16-20	SESE 20, 17S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-015-30257-00	11837	FERRON FEDERAL	#7-12-19-7	SWNE 12, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30000-00		FERRON FEDERAL	#16-9-10-7	SESE 9, 19S-7E	FERRON		FERRON	DRG	
43-015-3025300	11836	FERRON STATE	#4-36	SWNW 36, 18S-7E	BUZZARD BENCH	FRSD	FERRON	GW	
43-015-30222-00	11029	ORANGEVILLE FED	#1-11	NENE 11, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	891020388A
43-015-30221-00	10600	ORANGEVILLE FED	#4-1	NWNW 1, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30102-00	10920	ORANGEVILLE ST	#1-36	SESE 36, 18S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	8910203880
43-015-30179-00	00535	ORANGEVILLE STATE	#10-2	NWSE 2, 19S-7E	BUZZARD BENCH	FRSD	LOWER FERRON	GW	891020388A
43-015-30108-00	10978	ORANGEVILLE UNIT	#16-6	SESE 6, 18S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-047-33164-00	12496	DESERT SPRING	#16-19-10-18	SESE 19, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-3316200	12523	DESERT SPRING	#3-29-10-18	NWNE 29, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-32493-00	11630	E COYOTE FEDERAL	#14-4-8-25	SESW 4, 8S-25E	EAST COYOTE FEDERAL	GRRV	GREENRIVER	OW	
43-047-31555-00	09497	ANTELOPE DRAW	#2-17-4C	SESW 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31556-00	09498	ANTELOPE DRAW	#3-17-3C	SESE 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32476-00	11862	GLEN BENCH	#8-19	SENE 19, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31257-00	11587	GLEN BENCH FED	#44-19	L 20 19, 8S-22W	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31355-00	11588	GLEN BENCH FED	#13-20	NWSW 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31356-00	06135	GLEN BENCH FED	#22-20	SENW 20, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-31433-00	06196	GLEN BENCH FED	#31-20	NWNE 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31008-00	06045	GLEN BENCH FED	#31-30	L 6 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31260-00	06050	GLEN BENCH FED	#22-30	SENW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32549-00	11716	GLEN BENCH STATE	#6-16	SENW 16, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32582-00	11716	GLEN BENCH STATE	#7-16	SENE 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32583-00	11732	GLEN BENCH STATE	#12-16	NWSW 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32756-00	11955	GLEN BENCH UNIT	#15-19-8-22	SWSE 19, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-32755-00	12014	GLEN BENCH UNIT	#4-30-8-22	NWNW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32857-00	12219	GLEN BENCH UNIT	#11-16-8-22	NESW 16, 8S-22E	GLEN BENCH	GRGBS	GREEN RIVER	OW	UTU73974X
43-013-3147700	12248	UTD WALTON	#26-03	NENW 26, 9S-16E	MONUMENT BUTTE	GRRV	GREEN RIVER	OW	
43-047-33252-00	12527	GLEN BENCH STATE	#2-36-8-21	NENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33037-00	12377	GLEN BENCH STATE	#8A-36-8-21	SWNE 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33038-00	12378	GLEN BENCH STATE	#6-36-8-21	SENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-32746-00	11944	SAGE GROUSE FEDERAL	#6-14-8-22	SENW 14, 8S-22E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-32724-00	12361	SAGE GROUSE FEDERAL	#8-36-8-21	SENE 36, 8S-21E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-3309500	12528	WHITE RIVER UNIT	#13-35-8-22	SWSW 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3306100	12528	WHITE RIVER UNIT	#15-35-8-22	SWSE 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3275400	12003	FLU KNOLLS FED.	#23-3	NESW 3, 10S-18E	UTELAND BUTTE	GRRV	GREEN RIVER	OW	
43-047-15083-00	04915	WHITE RIVER UNIT	#19-9	SWNE 9, 8S-22E	WHITE RIVER		GREENRIVER	WIW	891003509D
43-047-15080-00	04915	WRU	#15-9	NESE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15085-00	04915	WRU	#24-10	NESW 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15086-00	04915	WRU	#27-10	SWNE 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31561-00	10000	WRU	#47-10	L1 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

In Reply Refer To:
3100
U-058 et al
(UT-932)

JUN 5 2000

NOTICE

Shenandoah Operating Company, LLC : Oil and Gas Leases
475 17th Street, Suite 1000 :
Denver, CO 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Chandler & Associates, LLC to Shenandoah Operating Company, LLC on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

A rider to statewide Surety Bond No. 124 29 03 64 (BLM Bond No. UT0969) changing the name on the bond from Chandler & Associates, LLC to Shenandoah Energy Inc. has been accepted by this office effective January 26, 2000. However, the rider makes no mention of Shenandoah Operating Company, LLC. A rider to the above bond adding the name of Shenandoah Operating Company, LLC needs to be submitted to this office.

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit of Leases

RECEIVED

JUN 06 2000

DIVISION OF
OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>SEE ATTACHMENT</u>		API Number
Location of Well		Field or Unit Name
Footage : _____	County : _____	Lease Designation and Number
QQ, Section, Township, Range: _____	State : UTAH	

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: <u>CHANDLER & ASSOCIATES</u>	Name: <u>JAMES A SIMONTON</u>
Address: <u>475 17TH ST #1000</u>	Signature: <u><i>James A Simonton</i></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Operations Supervisor</u>
Phone: _____	Date: _____
Comments: _____	

NEW OPERATOR

Company: <u>SHENANDOAH ENERGY INC.</u>	Name: <u>J. T. CONLEY</u>
Address: <u>11002 E. 17500 S.</u>	Signature: <u><i>J. T. Conley</i></u>
city <u>VERNAL</u> state <u>UT</u> zip <u>84078</u>	Title: <u>DISTRICT MANAGER</u>
Phone: <u>435-781-4300</u>	Date: <u>10-19-00</u>
Comments: _____	

(This space for State use only)

Transfer approved by: *[Signature]* Approval Date: 11-2-00
 Title: Tech. Services Manager

Comments: MIT needed for 22-20, 7-16, 15-19.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW		5-870 ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **8-24-2000**

FROM: (Old Operator):
CHANDLER & ASSOCIATES INC
Address: 475 17TH STREET STE 1000
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account No. N3320

TO: (New Operator):
SHENANDOAH ENERGY INC
Address: 475 17TH STREET STE 1000
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account No. N4235

CA No.

Unit: GLEN BENCH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
GLEN BENCH STATE 17-16	43-047-32582	11716	16-08S-22E	STATE	WI	A
GLEN BENCH STATE 12-16	43-047-32583	11732	16-08S-22E	STATE	WI	A
GLEN BENCH STATE 15-19	43-047-32756	11955	19-08S-22E	FEDERAL	WI	A
GLEN BENCH FEDERAL 22-20	43-047-31356	6135	20-08S-22E	FEDERAL	WI	A

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/30/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 05/30/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 11/02/2000
- Is the new operator registered in the State of Utah: YES Business Number: 1467732-0143
- If **NO**, the operator was contacted on: _____
- 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: 06/05/2000
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/24/2000
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator

change for all wells listed involved in a CA on: N/A

9. Underground Injection Control ("UIC") Prog: The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 11/03/2000

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 11/02/2000
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/02/2000
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

- 1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
- 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
- 3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

- 1. All attachments to this form have been **MICROFILMED** on: 3.2.01

FILING:

- 1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS:

May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,



Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Glen Bench Enhanced Recovery Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Glen Bench Enhanced Recovery Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Glen Bench Enhanced Recovery Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Glen Bench Enhanced Recovery Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Glen Bench Enhanced Recovery Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.
1050 17th Street Suite 500
Denver, Colorado 80265

:
: Oil and Gas
: lease
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

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

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/ Wilbert B Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin
MFC

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>	API Number
Location of Well Footage : _____ County : <u>Uintah</u> State : <u>UTAH</u>	Field or Unit Name <u>Glen Bench</u> Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: <u>Shenandoah Energy Inc</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u> <u>city Vernal state UT zip 84078</u>	Signature: <u>John Busch</u>
Phone: <u>(435) 781-4300</u>	Title: <u>District Foreman</u>
Comments:	Date: <u>9-02-03</u>

NEW OPERATOR

Company: <u>QEP Uinta Basin, Inc.</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u> <u>city Vernal state UT zip 84078</u>	Signature: <u>John Busch</u>
Phone: _____	Title: <u>District Foreman</u>
Comments:	Date: <u>9-02-03</u>

(This space for State use only)

Transfer approved by: [Signature]
Title: Public Services Manager

Approval Date: 9-10-03

Comments: cause # 235-01
located in Indian Country, EPA
is primary UIC Agency.

RECEIVED
SEP 04 2003
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
GLEN BENCH FED 22-20	20	080S	220E	4304731356	13727	Federal	WI	A	Natural Buttes	1895 FNL, 1822 FWL
GLEN BENCH U 15-19-8-22	19	080S	220E	4304732756	13727	Federal	WI	A	Natural Buttes	329' FSL, 1987' FEL
GLEN BENCH ST 12-16	16	080S	220E	4304732583	13727	State	WI	A	Kennedy Wash	1432' FSL, 637' FWL
GLEN BENCH ST 6-16	16	080S	220E	4304732549	13727	State	WI	A	Kennedy Wash	1559' FNL, 2191 FWL
GLEN BENCH ST 7-16	16	080S	220E	4304732582	13727	State	WI	A	Kennedy Wash	1736 FNL, 1464 FEL

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		2/1/2003
FROM: (Old Operator):		TO: (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341		N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
BRENNAN BOTTOM UNIT									
BRENNAN FED 5	18	070S	210E	4304715420	5261	Federal	WI	A	
BRENNAN FED 11	18	070S	210E	4304732772	5261	Federal	WI	A	
GLEN BENCH UNIT									
GLEN BENCH ST 12-16	16	080S	220E	4304732583	13727	State	WI	A	
GLEN BENCH ST 6-16	16	080S	220E	4304732549	13727	State	WI	A	
GLEN BENCH ST 7-16	16	080S	220E	4304732582	13727	State	WI	A	
GLEN BENCH U 15-19-8-22	19	080S	220E	4304732756	13727	Federal	WI	A	
GLEN BENCH FED 22-20	20	080S	220E	4304731356	13727	Federal	WI	A	
GYPSUM HILLS UNIT									
GYPSUM HILLS 12	19	080S	210E	4304732458	5355	Federal	WI	A	
COSTAS FED 1-20-4B	20	080S	210E	4304731006	5355	Federal	WI	A	
COSTAS FED 2-20-3B	20	080S	210E	4304731066	5355	Federal	WI	A	
GYPSUM HILLS 15	20	080S	210E	4304732648	5355	Federal	WI	A	
GYPSUM HILLS 17	20	080S	210E	4304732649	5355	Federal	WI	A	
GYPSUM HILLS 3	20	080S	210E	4304720002	5355	Federal	WI	A	
GYPSUM HILLS 6	20	080S	210E	4304730099	5251	Federal	WI	A	
SRU 8-I	20	080S	210E	4304731932	5355	Federal	WI	A	
COSTAS FED 3-21-1D	21	080S	210E	4304731604	5355	Federal	WI	A	
GYPSUM HILLS 10	21	080S	210E	4304732306	5355	Federal	WI	A	

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: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151

5. If NO, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/10/2003

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 9/16/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/16/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:



QEP Uinta Basin, Inc.
 11002 East 17500 South
 Vernal, UT 84078
 Tel 435 781 4300 • Fax 435 781 4329

S. L. Tomkinson
 Phone: 435-781-4308
 Fax: 435-781-4329
 Email: Stephanie.Tomkinson@questar.com

April 19, 2005

Via Certified Mail: 7003 2260 0007 1318 6855

Nathan Wiser (8ENF-UFO)
 UIC Program
 U.S. EPA, Region VIII
 999 18th Street, Suite 300
 Denver, Colorado 80202-2466

RE: Mechanical Integrity Test (MIT)
for
GB 22-20
EPA # UT2755-04235
API #43-047-31356
Location: SENW Section 20 T8S R22E

Accepted for filing
 Utah Department of
 Oil, Gas and Mining
FOR RECEIPT ONLY

Dear Mr. Wiser:

Enclosed for the subject well is the successful MIT result including the Casing or Annulus Pressure Test form and the pressure test chart. The MIT for this well is a regularly scheduled test.

If you have any questions or require additional information, I can be reached at 435-781-4308.

Sincerely,

Stephanie L. Tomkinson
 Regulatory Affairs Technician

Enclosures: MIT Casing or Annulus Pressure Test Form
 MIT Results Spreadsheet with Pressure Test Chart

cc: Utah Division of Oil Gas and Mining
 1594 West North Temple, Suite 1210
 P.O. Box 145801
 Salt Lake City, Utah 84114-5801
 Attn: Mr. Gil Hunt

U.S. Department of the Interior
 Bureau of Land Management
 Vernal District Office
 170 South 500 East
 Vernal, Utah 84078
 Attn: Mr. Kirk Fleetwood

MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NONE DATE: 4/15/2005 TIME: 8:30 AM PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: Kevin Carter (Advantage Oilfiled Services)

API NUMBER: _____ EPA ID NUMBER: _____

WELL NAME: <u>GB 22-20</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>GLEN BENCH</u>		
WELL LOCATION: <u>SE/NW SEC-20</u>	T8 <input type="checkbox"/> N <input checked="" type="checkbox"/> S	<u>R22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>		
OPERATOR: <u>QEP UINTA BASIN INC.</u>		
LAST MIT: <u>APRIL 20,2000</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1315</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST? YES NO API #43-047-31356

INITIAL TEST FOR PERMIT? YES NO EPA #UT2755-04235

TEST AFTER WELL WORK? YES NO

WELL INJECTING DURING TEST? YES NO IF YES, RATE: shut in 30min. Before test BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 PSIG

MIT DATA TABLE TUBING	TEST #1 PRESSURE	TEST #2	TEST #3
--------------------------	---------------------	---------	---------

INITIAL PRESSURE	608.1 PSIG	PSIG	PSIG
END OF TEST PRESSURE	546.6 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1099.4 @8:35:02 PSIG	608.1 PSIG	PSIG
5 MINUTES	1100.9 @8:40:21 PSIG	594 PSIG	PSIG
10 MINUTES	1100.5 @8:45:20 PSIG	583.6 PSIG	PSIG
15 MINUTES	1100.1 @8:50:30 PSIG	575.4 PSIG	PSIG
20 MINUTES	1099.8 @8:55:30 PSIG	567.3 PSIG	PSIG
25 MINUTES	1099.7 @9:00:21 PSIG	557.8 PSIG	PSIG
30 MINUTES	1099.6 @9:05:41 PSIG	546.6 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG

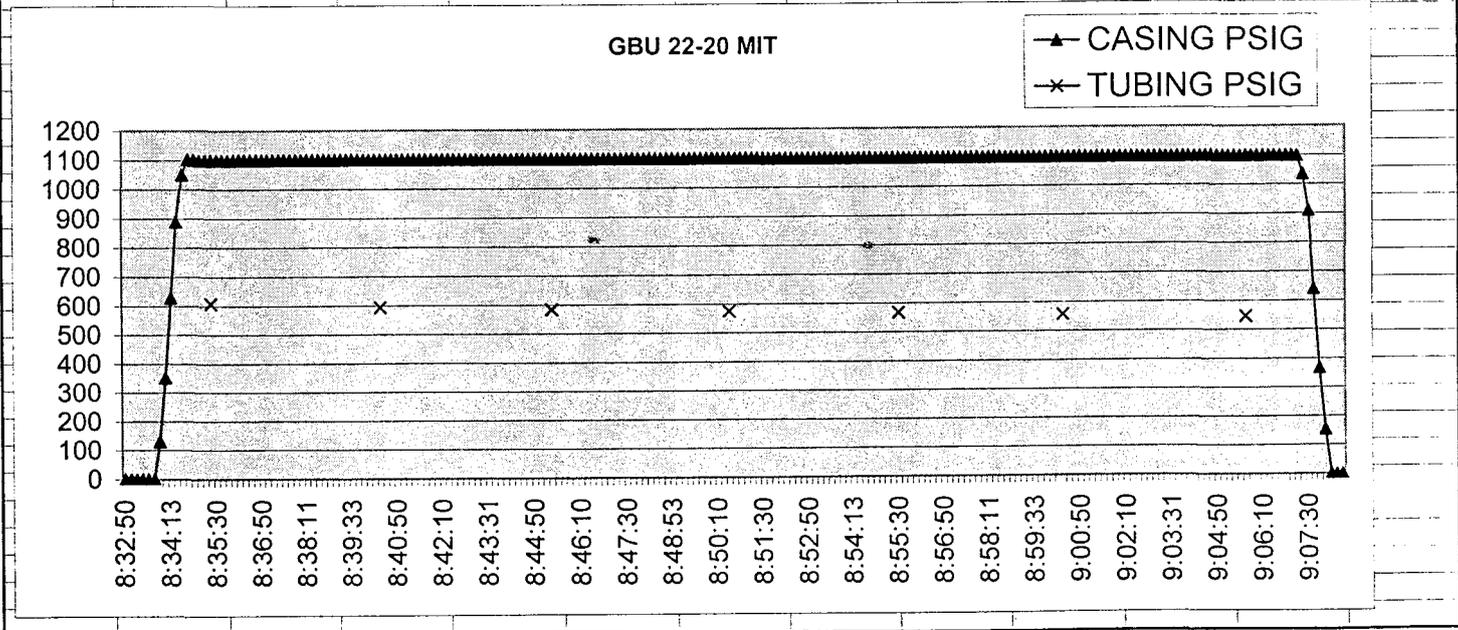
RESULT PASS FAIL PASS FAIL PASS FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? YES NO

3000 PSIG		7049-1		2 DEC		4				
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.		
15	APR	2005	8:43:10	2	63	1100.7		61		
15	APR	2005	8:43:20	2	64	1100.7		61		
15	APR	2005	8:43:31	2	65	1100.7		61		
15	APR	2005	8:43:43	2	66	1100.7		61		
15	APR	2005	8:43:50	2	67	1100.6		61		
15	APR	2005	8:44:00	2	68	1100.6		61		
15	APR	2005	8:44:10	2	69	1100.6		61		
15	APR	2005	8:44:20	2	70	1100.6		61		
15	APR	2005	8:44:31	2	71	1100.6		61		
15	APR	2005	8:44:43	2	72	1100.6		61		
15	APR	2005	8:44:50	2	73	1100.6		61		
15	APR	2005	8:45:00	2	74	1100.6		61		
15	APR	2005	8:45:10	2	75	1100.6		61		
15	APR	2005	8:45:20	2	76	1100.5	583.6	61		
15	APR	2005	8:45:30	2	77	1100.5		61		
15	APR	2005	8:45:41	2	78	1100.5		61		
15	APR	2005	8:45:53	2	79	1100.5		61		
15	APR	2005	8:46:00	2	80	1100.5		61		
15	APR	2005	8:46:10	2	81	1100.5		61		
15	APR	2005	8:46:20	2	82	1100.4		61		
15	APR	2005	8:46:30	2	83	1100.4		61		
15	APR	2005	8:46:41	2	84	1100.4		61		
15	APR	2005	8:46:53	2	85	1100.4		61		
15	APR	2005	8:47:00	2	86	1100.4		61		
15	APR	2005	8:47:10	2	87	1100.4		61		
15	APR	2005	8:47:20	2	88	1100.3		61		
15	APR	2005	8:47:30	2	89	1100.3		61		
15	APR	2005	8:47:41	2	90	1100.3		61		
15	APR	2005	8:47:53	2	91	1100.4		60		
15	APR	2005	8:48:00	2	92	1100.3		61		
15	APR	2005	8:48:10	2	93	1100.3		61		
15	APR	2005	8:48:20	2	94	1100.2		61		
15	APR	2005	8:48:30	2	95	1100.3		60		
15	APR	2005	8:48:41	2	96	1100.2		61		
15	APR	2005	8:48:53	2	97	1100.3		60		
15	APR	2005	8:49:00	2	98	1100.3		60		
15	APR	2005	8:49:10	2	99	1100.2		60		
15	APR	2005	8:49:20	2	100	1100.2		60		
15	APR	2005	8:49:30	2	101	1100.2		60		
15	APR	2005	8:49:40	2	102	1100.2		60		
15	APR	2005	8:49:51	2	103	1100.2		60		
15	APR	2005	8:50:03	2	104	1100.2		60		
15	APR	2005	8:50:10	2	105	1100.2		60		
15	APR	2005	8:50:20	2	106	1100.1		60		
15	APR	2005	8:50:30	2	107	1100.1	575.4	60		
15	APR	2005	8:50:40	2	108	1100.1		60		
15	APR	2005	8:50:51	2	109	1100.1		60		
15	APR	2005	8:51:03	2	110	1100.1		60		
15	APR	2005	8:51:10	2	111	1100.1		60		
15	APR	2005	8:51:20	2	112	1100.1		60		
15	APR	2005	8:51:30	2	113	1100		60		
15	APR	2005	8:51:40	2	114	1100		60		
15	APR	2005	8:51:51	2	115	1100		60		
15	APR	2005	8:52:03	2	116	1100		60		
15	APR	2005	8:52:10	2	117	1100		60		
15	APR	2005	8:52:20	2	118	1100		60		
15	APR	2005	8:52:30	2	119	1100		60		
15	APR	2005	8:52:40	2	120	1100		60		
15	APR	2005	8:52:50	2	121	1099.9		60		
15	APR	2005	8:53:01	2	122	1099.9		60		
15	APR	2005	8:53:13	2	123	1099.9		60		
15	APR	2005	8:53:20	2	124	1099.9		60		

3000 PSIG		7049-1	2 DEC		4				
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.	
15 APR		2005	8:53:30		2	125	1099.9	60	
15 APR		2005	8:53:40		2	126	1099.9	60	
15 APR		2005	8:53:50		2	127	1099.9	60	
15 APR		2005	8:54:01		2	128	1099.9	60	
15 APR		2005	8:54:13		2	129	1099.9	60	
15 APR		2005	8:54:20		2	130	1099.9	60	
15 APR		2005	8:54:30		2	131	1099.9	60	
15 APR		2005	8:54:40		2	132	1099.9	60	
15 APR		2005	8:54:50		2	133	1099.9	60	
15 APR		2005	8:55:01		2	134	1099.9	60	
15 APR		2005	8:55:13		2	135	1099.9	60	
15 APR		2005	8:55:20		2	136	1099.9	60	
15 APR		2005	8:55:30		2	137	1099.8	567.3	60
15 APR		2005	8:55:40		2	138	1099.8	60	
15 APR		2005	8:55:50		2	139	1099.8	60	
15 APR		2005	8:56:00		2	140	1099.8	60	
15 APR		2005	8:56:11		2	141	1099.8	60	
15 APR		2005	8:56:23		2	142	1099.8	60	
15 APR		2005	8:56:30		2	143	1099.8	60	
15 APR		2005	8:56:40		2	144	1099.8	60	
15 APR		2005	8:56:50		2	145	1099.8	60	
15 APR		2005	8:57:00		2	146	1099.8	60	
15 APR		2005	8:57:11		2	147	1099.8	60	
15 APR		2005	8:57:23		2	148	1099.8	60	
15 APR		2005	8:57:30		2	149	1099.8	60	
15 APR		2005	8:57:40		2	150	1099.8	60	
15 APR		2005	8:57:50		2	151	1099.8	60	
15 APR		2005	8:58:00		2	152	1099.7	60	
15 APR		2005	8:58:11		2	153	1099.8	60	
15 APR		2005	8:58:23		2	154	1099.8	60	
15 APR		2005	8:58:30		2	155	1099.8	60	
15 APR		2005	8:58:40		2	156	1099.7	60	
15 APR		2005	8:58:50		2	157	1099.7	60	
15 APR		2005	8:59:00		2	158	1099.7	60	
15 APR		2005	8:59:10		2	159	1099.7	60	
15 APR		2005	8:59:21		2	160	1099.7	60	
15 APR		2005	8:59:33		2	161	1099.7	60	
15 APR		2005	8:59:40		2	162	1099.7	60	
15 APR		2005	8:59:50		2	163	1099.7	60	
15 APR		2005	9:00:00		2	164	1099.7	60	
15 APR		2005	9:00:10		2	165	1099.7	60	
15 APR		2005	9:00:21		2	166	1099.7	557.8	60
15 APR		2005	9:00:33		2	167	1099.7	60	
15 APR		2005	9:00:40		2	168	1099.7	60	
15 APR		2005	9:00:50		2	169	1099.7	60	
15 APR		2005	9:01:00		2	170	1099.7	60	
15 APR		2005	9:01:10		2	171	1099.7	60	
15 APR		2005	9:01:21		2	172	1099.7	60	
15 APR		2005	9:01:33		2	173	1099.7	60	
15 APR		2005	9:01:40		2	174	1099.7	60	
15 APR		2005	9:01:50		2	175	1099.7	60	
15 APR		2005	9:02:00		2	176	1099.7	60	
15 APR		2005	9:02:10		2	177	1099.6	60	
15 APR		2005	9:02:20		2	178	1099.6	60	
15 APR		2005	9:02:31		2	179	1099.6	60	
15 APR		2005	9:02:43		2	180	1099.6	60	
15 APR		2005	9:02:50		2	181	1099.6	60	
15 APR		2005	9:03:00		2	182	1099.6	60	
15 APR		2005	9:03:10		2	183	1099.6	60	

3000	PSIG	7049-1	2 DEC	4				
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
15 APR		2005	9:03:20		2	184	1099.6	60
15 APR		2005	9:03:31		2	185	1099.6	60
15 APR		2005	9:03:43		2	186	1099.7	60
15 APR		2005	9:03:50		2	187	1099.7	60
15 APR		2005	9:04:00		2	188	1099.7	60
15 APR		2005	9:04:10		2	189	1099.7	60
15 APR		2005	9:04:20		2	190	1099.7	60
15 APR		2005	9:04:31		2	191	1099.7	60
15 APR		2005	9:04:43		2	192	1099.7	60
15 APR		2005	9:04:50		2	193	1099.7	60
15 APR		2005	9:05:00		2	194	1099.7	60
15 APR		2005	9:05:10		2	195	1099.7	60
15 APR		2005	9:05:20		2	196	1099.6	60
15 APR		2005	9:05:30		2	197	1099.6	60
15 APR		2005	9:05:41		2	198	1099.6	546.6
15 APR		2005	9:05:53		2	199	1099.6	60
15 APR		2005	9:06:00		2	200	1099.6	60
15 APR		2005	9:06:10		2	201	1099.6	60
15 APR		2005	9:06:20		2	202	1099.6	60
15 APR		2005	9:06:30		2	203	1099.6	60
15 APR		2005	9:06:41		2	204	1099.6	60
15 APR		2005	9:06:53		2	205	1099.6	60
15 APR		2005	9:07:00		2	206	1099.7	60
15 APR		2005	9:07:10		2	207	1098.4	60
15 APR		2005	9:07:20		2	208	1036	60
15 APR		2005	9:07:30		2	209	909.3	60
15 APR		2005	9:07:41		2	210	640.2	60
15 APR		2005	9:07:53		2	211	367.14	60
15 APR		2005	9:08:00		2	212	154.93	60
15 APR		2005	9:08:10		2	213	0	60
15 APR		2005	9:08:20		2	214	0	60
15 APR		2005	9:08:30		2	215	0	60



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

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

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
---	--

WELL NAME	CA No.	SEC TWN RNG	API NO	Unit:	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS			*	GLEN BENCH UNIT			

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- 4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: n/a
6. **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 4/23/2007 BIA
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: _____
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
 GLEN BENCH (ENHANCED RECOVERY) UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 8D-20-8-22	GB 8D-20-8-22	SENE	20	080S	220E	4304737665	15977	Federal	GW	DRL
WHITE RIVER U 16-9	WR 16-9	SWSE	09	080S	220E	4304715081	4915	Federal	OW	S
GLEN BENCH 31-30	GLEN BENCH 31-30	NWNE	30	080S	220E	4304731008	13727	Federal	OW	P
NGC 13-20	GB 13-20	NWSW	20	080S	220E	4304731355	13727	Federal	OW	P
GLEN BENCH FED 22-20	GB 22-20	SENE	20	080S	220E	4304731356	13727	Federal	WI	A
FED 31-20	GB 31-20	NWNE	20	080S	220E	4304731433	13727	Federal	OW	P
ANTELOPE DRAW 2-17-4C	GB 2-17	SESW	17	080S	220E	4304731555	13727	Federal	OW	P
ANTELOPE DRAW 3-17-3C	GB 3-17	SESE	17	080S	220E	4304731556	13727	Federal	OW	S
GLEN BENCH 8-19	GB 8-19	SENE	19	080S	220E	4304732476	13727	Federal	OW	P
GLEN BENCH 4-30-8-22	GB 4-30-8-22	NWNW	30	080S	220E	4304732755	13727	Federal	OW	S
GLEN BENCH U 15-19-8-22	GB 15-19-8-22	SWSE	19	080S	220E	4304732756	13727	Federal	WI	A
OU GB 1G-19-8-22	OU GB 1G-19-8-22	NENE	19	080S	220E	4304734696	13727	Federal	OW	S
OU GB 2W-30-8-22	GB 2ML-30-8-22	NWNE	30	080S	220E	4304735080	14816	Federal	GW	P
GB 8ML-17-8-22	GB 8ML-17-8-22	SENE	17	080S	220E	4304737995		Federal	GW	APD
WHITE RIVER U 43-16	WR 43-16	NENW	16	080S	220E	4304731354	5170	State	OW	S
WHITE RIVER U 45-16	GB 45-16	NENE	16	080S	220E	4304731399	13727	State	OW	P
GLEN BENCH ST 6-16	GB 6-16	SENE	16	080S	220E	4304732549	13727	State	WI	A
GLEN BENCH ST 7-16	GB 7-16	SWNE	16	080S	220E	4304732582	13727	State	WI	A
GLEN BENCH ST 12-16	GB 12-16	NWSW	16	080S	220E	4304732583	13727	State	WI	A
GLEN BENCH U 11-16-8-22	GB 11-16-8-22	NESW	16	080S	220E	4304732857	13727	State	OW	P
GB 1MU-16-8-22	GB 1MU-16-8-22	NENE	16	080S	220E	4304734656	14251	State	GW	P
OU GB 7W-16-8-22	OU GB 7W-16-8-22	SWNE	16	080S	220E	4304734659	13747	State	GW	P

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
		7. UNIT or CA AGREEMENT NAME: see attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: see attached	
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u> <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

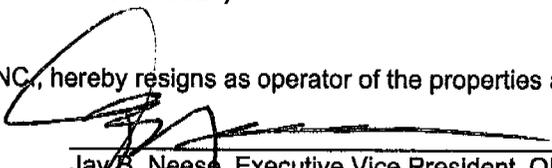
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

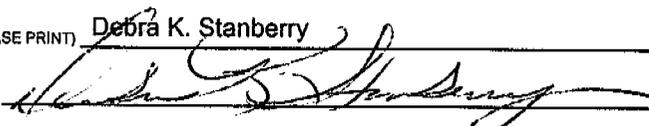
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list


Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

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APR 19 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Starberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

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APR 19 2007
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Glen Bench Enhanced Recovery Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Glen Bench Enhanced Recovery Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Glen Bench Enhanced Recovery Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Glen Bench Enhanced Recovery Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Glen Bench Enhanced Recovery Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

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

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

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

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
--	--

CA No. Unit: GLEN BENCH ENH REC

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GB 22-20	20	080S	220E	4304731356	13727	Federal	WI	A
GB 6-16	16	080S	220E	4304732549	13727	State	WI	A
GB 7-16	16	080S	220E	4304732582	13727	State	WI	A
GB 12-16	16	080S	220E	4304732583	13727	State	WI	A
GB 15-19-8-22	19	080S	220E	4304732756	13727	Federal	WI	A

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: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- 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 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- 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: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

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:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
See attached

7. UNIT or CA AGREEMENT NAME:
See attached

8. WELL NAME and NUMBER:
See attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See attached

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Questar Exploration and Production Company *N5085*

3. ADDRESS OF OPERATOR:
1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See attached COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*
Utah State Bond Number: ~~965003033~~
Fee Land Bond Number: ~~965003033~~ } *965010695*
BIA Bond Number: ~~799446~~ } *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst
SIGNATURE *Morgan Anderson* DATE 6/23/2010

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

Roger L. Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

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AUG 16 2010

DIV. OF OIL, GAS & MINERAL

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

UIC FORM 5

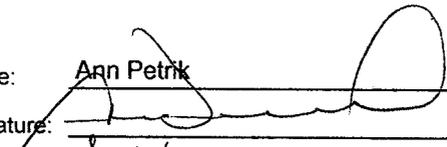
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number Attached
Location of Well		Field or Unit Name Attached
Footage : Attached	County :	Lease Designation and Number Attached
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 6/14/2010

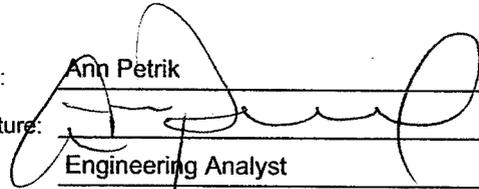
CURRENT OPERATOR

Company: Questar Exploration and Production Company
 Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
 Phone: (303) 672-6900
 Comments:

Name: Ann Petrik
 Signature: 
 Title: Engineering Analyst
 Date: 6/28/2010

NEW OPERATOR

Company: QEP Energy Company
 Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
 Phone: (303) 672-6900
 Comments:

Name: Ann Petrik
 Signature: 
 Title: Engineering Analyst
 Date: 6/28/2010

(This space for State use only)

Transfer approved by: _____

Approval Date: _____

Title: _____

Comments:

**Accepted by the
Utah Division of
Oil, Gas and Mining**

EPA approved well

Date: 6/29/10
 By: D. Jones

RECEIVED
JUN 28 2010