

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
 Tricentrol Resources Inc. c/o Permitco

3. ADDRESS OF OPERATOR
 1020-15th St., Suite 22-E Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 1960' FNL and 1780' FEL
 At proposed prod. zone: Sw/NE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 28 miles SW of Dove Creek, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 460'

16. NO. OF ACRES IN LEASE 1921.56

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. 1400'

19. PROPOSED DEPTH 6000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5383' Gr.

22. APPROX. DATE WORK WILL START* Upon approval

5. LEASE DESIGNATION AND SERIAL NO.
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Little Nancy Unit

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
#3-32

10. FIELD AND POOL, OR WILDCAT
Unnamed

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T38S - R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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#	1325'	600 sx - circulated
7-7/8"	5-1/2"	15.5#	6000'	250 sx or sufficient to cover zones of interest

Tricentrol Resources Inc. proposes to drill a well to the depth of 6000 feet to test the Ismay and Desert Creek formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per B.L.M. and State of Utah requirements.

MINERAL'S MANAGEMENT
 SERVICE OPERATIONS
 RECEIVED
 MAY 16 1983
 SALT LAKE CITY, UTAH

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. David Howell
 SIGNED David Howell TITLE Petroleum Engineer DATE 3/13/83

(This space for Federal or State office use)

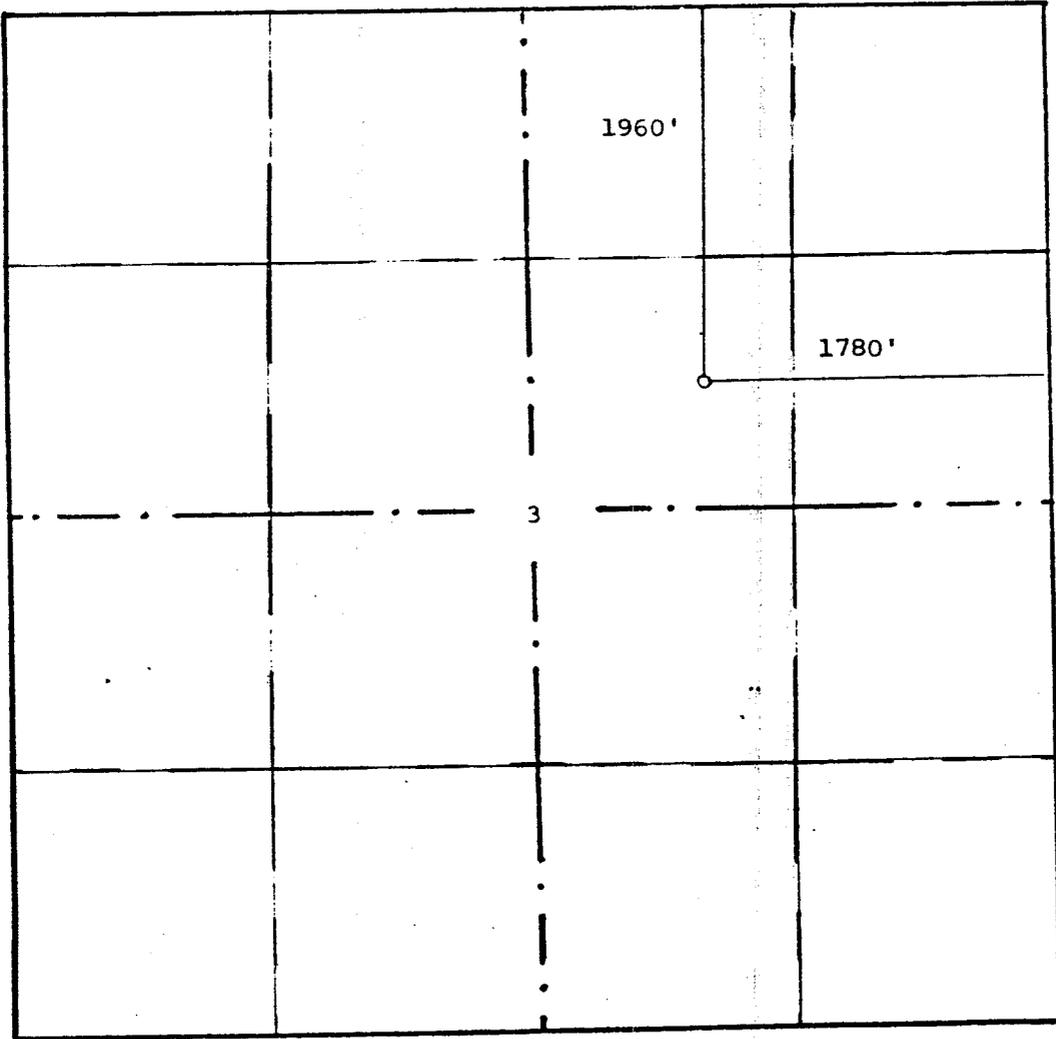
PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W.P. Martin E. W. Guynn
 TITLE District Oil & Gas Supervisor DATE MAY 24 1983
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State 046



POWERS ELEVATION



80.16 Chains

Operator Tricentrol U.S.A.		Well name Nancy Federal 3-32	
Section 3	Township 38 South	Range 25 East	Meridian SLPM
Footages 1960' FNL & 1780' FEL			County/State San Juan, Utah
Elevation 5383'	Requested by Lisa Green		
The above plat is true and correct to the best of my knowledge and belief.			
9 May 1983		 Gerald G. Huddleston, L.S. Utah exception	

Tricentrol Resources Inc.
Well No. 3-32
Section 3, T. 38 S., R. 25 E.
San Juan County, Utah
Little Nancy Unit
Lease U-40053

Supplemental Stipulations

- 1) Adequate and sufficient electric/radioactive logs will be run to locate and identify the saline minerals in the Paradox formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the saline minerals recourse. Surface casing program may require adjustment for protection of fresh water aquifers.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

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

(Other instructions on reverse side)

5. Lease Designation and Serial No.

U-40053

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

Little Nancy Unit

8. Farm or Lease Name

Nancy Federal

9. Well No.

#3-32

10. Field and Pool, or Wildcat

Unnamed UNDESIG.

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 3, T38S - R25E

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Tricentrol Resources Inc. c/o Permitco

3. Address of Operator

1020-15th St., Suite 22-E Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1960' FNL and 1780' FEL

At proposed prod. zone

SW/NE

14. Distance in miles and direction from nearest town or post office*

28 miles SW of Dove Creek, Colorado

12. County or Parrish 13. State

San Juan Utah

15. Distance from proposed* location to nearest property or lease line, ft.

460'

16. No. of acres in lease

1921.56

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.

1400'

19. Proposed depth

6000'

20. Rotary or cable tools

Rotary

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

5383' Gr.

22. Approx. date work will start*

Upon Approval

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#	1325'	600 sx - circulated
7-7/8"	5-1/2"	15.5#	6000'	250 sx - or sufficient to cover zones of interest

Tricentrol Resources Inc. proposes to drill a well to the depth of 6000' to test the Ismay and Desert Creek formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per B.L.M. and State of Utah requirements.

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

DATE: 5-18-83
BY: *[Signature]*

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

24. David Howell

Signed

[Signature]

Title

Petroleum Engineer

Date

3/13/83

(This space for Federal or State office use)

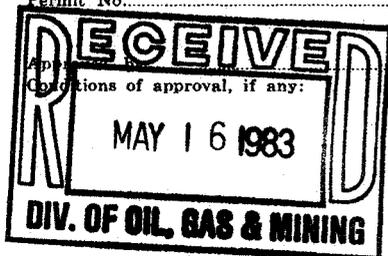
Permit No.

Approval Date

Conditions of approval, if any:

Title

Date



*See Instructions On Reverse Side

NTL-6 PROGRAM

APPROVAL OF OPERATIONS

NANCY FEDERAL #3-32
1960' FNL and 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah

Prepared for:

TRICENTROL RESOURCES INC.

By:

PERMITCO
1020 Fifteenth Street, Suite 22E
Denver, Colorado 80202

RECEIVED
MAY 16 1993

DIVISION OF
OIL, GAS & MINING

Copies Sent To:

- 4 - BLM - Salt Lake City, Utah
- 1 - BLM - Monticello, Utah
- 1 - Division of Oil, Gas & Mining - Salt Lake City, Utah
- 6 - Tricentrol Resources Inc. - Denver, Colorado

Permitco

A Petroleum Permitting Company

May 10, 1983

Minerals Management Service

RE: NTL-6 Program
Nancy Federal #3-32
SW/NE 1960' FNL & 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah

Gentlemen:

This letter is to inform you that Tricentrol hereby authorizes Permitco to prepare the above mentioned NTL-6 program and to attend to any other related matters.

If anything further is needed, please advise.

Sincerely,

TRICENTROL RESOURCES INC.

Richard P. Crist
Richard P. Crist
Area Exploration Manager

RPC:ram

Permitco

A Petroleum Permitting Company

May 10, 1983

State of Utah
Division of Oil, Gas, & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

Re: Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

Gentlemen:

Tricentrol Resources Inc. proposes to drill a well at the above mentioned location.

We realize that this location is a non-standard location in accordance with the spacing rules for the State of Utah. This location was picked due to topography and extensive seismic work which was done in the immediate area.

Tricentrol Resources Inc. is the lease holder of all of Section 3, T38S - R25E. Therefore, no other lease holders will be affected by the drilling of the above proposed well.

We, therefore, request your permission to drill this well at a non-standard location.

Sincerely,

PERMITCO



Lisa L. Green
Consultant for
Tricentrol Resources Inc.

/llg

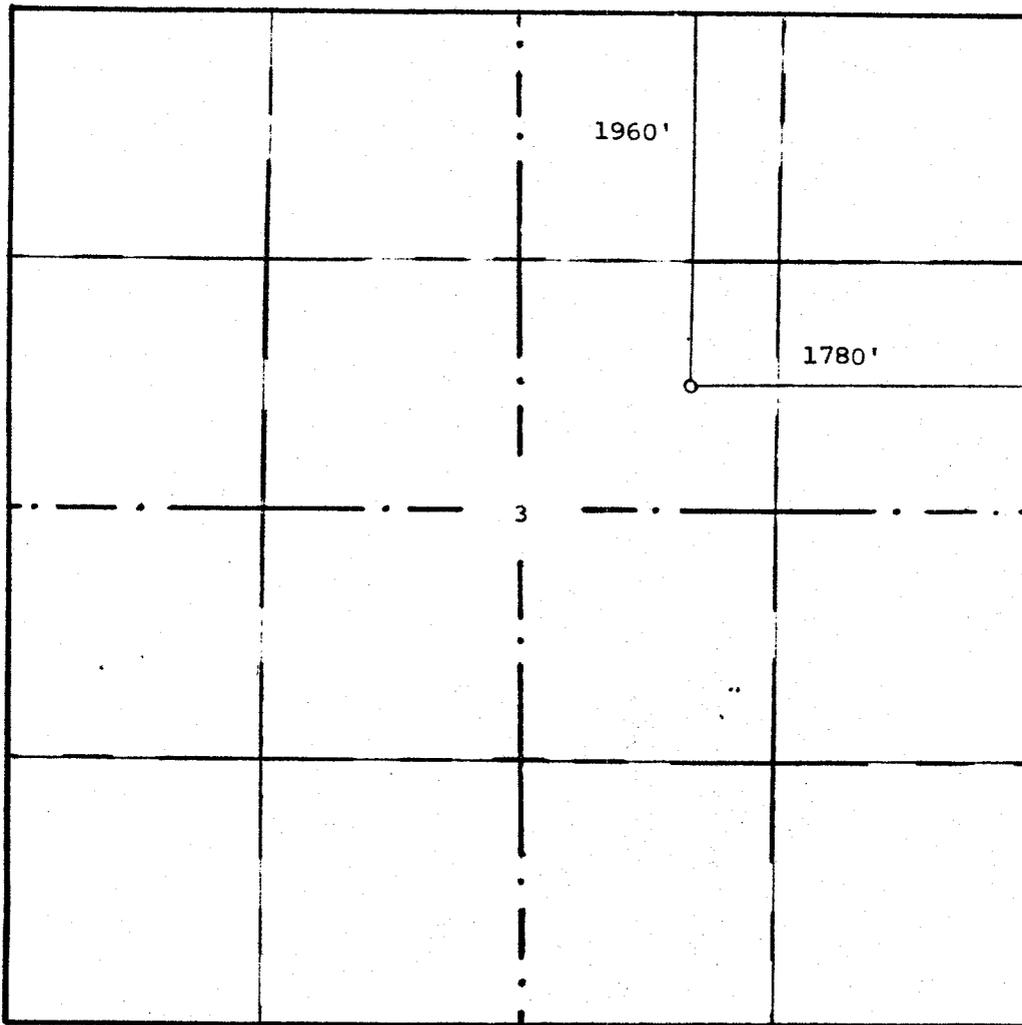
Enclosures



POWERS ELEVATION

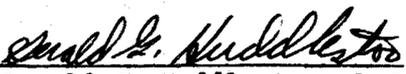
PLAT #1

Well Location Plat



1"=1000'

80.16 Chains

Operator Tricentrol U.S.A.		Well name Nancy Federal 3-32	
Section 3	Township 38 South	Range 25 East	Meridian SLPM
Footages 1960' FNL & 1780' FEL			County/State San Juan, Utah
Elevation 5383'	Requested by Lisa Green		
The above plat is true and correct to the best of my knowledge and belief.			
9 May 1983		 Gerald G. Huddleston, L.S. Utah exception	

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah

1. The outcropping geologic formation is the Morrison.
2. The estimated formation tops to be encountered are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Entrada	440'	+ 4955'
Chinle	1275'	+ 4120'
Cutter	2540'	+ 2855'
Hermosa	4490'	+ 905'
Ismay	5465'	- 80'
Desert Creek	5720'	- 325'
T.D.	6000'	- 605'

3. The following depths are estimated for oil and gas bearing zones:

<u>Substances</u>	<u>Formation</u>	<u>Anticipated Depth</u>
Oil	Ismay	5520'
Oil/Gas	Desert Creek	5720'

4. a. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	
Surface	1325'	12-1/4"	8-5/8"	24.0#	K-55	ST&C	NEW
Production	6000'	7-7/8"	5-1/2"	15.5#	K-55	LT&C	NEW

- b. The cement program will be as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-1325'	300 sx. Lite Cement + 300 sx. Class "B" w/2% CaCl ₂ Tail Slurry or sufficient to circulate.
<u>Production</u>	<u>Type and Amount</u>
0-6000'	250 sx. 50/50 poz mix slurry, 1000' fill or sufficient to cover zones of interest.

5. The blowout preventer stack will consist of a Shaffer 10" 5000# BOP. See diagram attached. Equipment will be tested prior to drilling out from under surface and operational checks will be made daily thereafter.

Permitco

A Petroleum Permitting Company

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah

6. Drilling fluid will be as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>
0-4100'	Clear Water	8.5- 9.0	35	N/C
4100-6000'	Gel-Chem	9.5-10.1	35	6-8

7. Auxiliary equipment to be used is as follows:

- a. Kelly cock
- b. Float above the bit.
- c. Monitoring of the system will be done visually.
- d. A sub with a full opening valve will be on the floor when the kelly is not in use.

8. Testing, logging and coring will be as follows:

- a. Cores will be run in the Upper Ismay from 5440 to 5500' (60' total).
- b. Drill stem tests will be run at all drilling breaks and shows in the Ismay and Desert Creek.
- c. The logging program will consist of a Dual Induction-SFL; Neutron Density; Sonic Log; Dipmeter and Velocity Survey.
- d. The zones of interest will be perforated with two shots per foot through the native porosity. The well will be swabbed back. If the well does not begin to flow, the zones of interest will be acidized with 1500 to 3000 gallons 28% HCl acid.

9. No abnormal pressures or hydrogen sulfide gas are anticipated during the course of drilling to T.D. The maximum bottom hole pressure to be expected is 3500 psi.

10. Tricentrol Resources Inc. plans to spud the Nancy Federal #3-32 on June 1, 1983 and intends to complete the well within approximately one month after the well has reached T.D.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Tricentral Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

Gentlemen:

We submit the following application and plats for permission to drill the Nancy Federal #3-32.

1. Existing Roads

- a. The proposed well site and elevation plat is shown on Plat #1.
- b. Directions to the location from Dove Creek, Colorado are as follows: Go southwest on Bug Point Road for 17 miles until it intersects with the Nancy Patterson Road. Go 10.7 miles on Nancy Patterson Road. The location sits to the East of the County Road.
- c. For access roads - See Maps #1 and #2.
- d. All existing roads within a 3-mile radius are shown on Map #1.
- e. This is a development well. All roads within a one-mile radius are shown on Maps #1 and #2.
- f. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- g. Improvement to existing access will not be necessary. Surfacing will not be placed on the access road or location without prior BLM approval.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. The access shall be upgraded to BLM Class III road specifications if production is established.
- j. The San Juan County Road Department in Monticello, Utah will be contacted prior to use of county roads. (801/587-2249).

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

2. Planned Access Roads

- a. No new access will be necessary.
- b. The grade will be 3% or less.
- c. No turnouts are planned.
- d. There will be no ditching. Water bars will be constructed as directed by the Bureau of Land Management to control erosion. (To be done at a later date if production is established.)
- e. No additional drainage will be required.
- f. No culverts will be necessary. Maximum cut is 7.0 feet. Maximum fill is 1.0 feet.
- g. Only native materials will be utilized.
- h. No gates, cattle guards, or fence cuts will be necessary.

3. Location of Existing Wells Within a Two-Mile Radius (See Map #3)

- a. Water wells - none
- b. Abandoned wells - six
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells - four

Tricentrol's producing wells are as follows:

- (1) Nancy Federal #3-44
920' FSL and 1050' FEL
Sec. 3, T38S - R25E
- (2) Nancy Federal #11-22
1400' FNL and 1550' FWL
Sec. 11, T38S - R25E
- (3) Nancy Federal #1-3
710' FNL and 1960' FWL
Sec. 3, T38S - R25E

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

3. Location of Existing Wells (cont.)

- g. Shut in wells- none
- h. Injection wells - none
- i. Monitoring observation wells - none
- j. Proposed Locations - as follows:

- (1) Nancy Federal #35-32
1350' FNL and 1850' FEL
Sec. 35, T37S - R25E
- (2) Nancy State #2-21
1480' FNL and 1010' FWL
Sec. 2, T38S - R25E
- (3) Nancy Federal #3-33
1940' FSL and 1760' FEL
Sec. 3, T38S - R25E
- (4) Nancy Federal #11-11
NW NW Sec. 11, T38S - R25E
- (5) Nancy Federal #34-14
10' FSL and 840' FWL
Sec. 34, T37S - R25E
- (6) Nancy Federal #10-41
550' FNL and 330' FEL
Sec. 10, T38S - R25E
- (7) Nancy Federal #3-22
2100' FNL and 1860' FWL
Sec. 3, T38S - R25E
- (8) Nancy Federal #3-11
610' FNL and 610' FWL
Sec. 3, T38S - R25E
- (9) Nancy Federal #3-34
1370' FSL and 2635' FEL
Sec. 3, T38S - R25E
- (10) Nancy Federal #3-12
1930' FNL and 610' FWL
Sec. 3, T38S - R25E

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

3. Location of Existing Wells (cont.)

j. Proposed Locations (cont.)

- (11) Nancy Federal #3-41
1000' FNL and 880' FEL
Sec. 3, T38S - R25E
- (12) Nancy State #2-12
2450' FNL and 110' FWL
Sec. 2, T38S - R25E

4. Location of Existing and/or Proposed Facilities

- a. There are three sets of production facilities owned and controlled by Tricentrol Resources, Inc. These facilities are located at the producing well sites listed in 3.f. Pipelines have been installed as shown on Map #2.
- b. New facilities contemplated in the event of production are shown on Diagram #1.
 - 1. Proposed tank battery will be located as shown on Diagram #1.
 - 2. All flow lines from well site to battery site will be buried below frost line depth.
 - 3. Dimensions of the facilities will be 215 feet long and 170 feet wide. See Diagram #1.
 - 4. All above ground production facilities will be painted a neutral color to be approved by the Bureau of Land Management.
 - 5. An earthen dike utilizing subsoil in the surrounding area will be built around the storage tanks and heater treater to contain oil should a leak occur. Any necessary pits will be properly fenced to prevent any wildlife entry. The production pit will be flagged overhead.
 - 6. The reserve pit will be fenced and allowed to dry. Then all pits will be backfilled. The location not needed for production will be leveled, contoured and reseeded as per BLM requirements.
 - 7. The access shall be upgraded to the following specifications (if production is established). The road shall be 20 feet wide crowned and ditched. Culverts will be installed as deemed necessary by the Bureau of Land Management.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricontrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

5. Location and Type of Water Supply

- a. The source of water will be the stockponds located at the Perkins Ranch in Sec. 7, T38S - R25E. Directions to the water source are shown on Map #1.
- b. Water will be trucked to location over the roads marked on Map #1.
- c. No water well will be drilled on this lease.
- d. A temporary use permit will be obtained from the Utah State Engineer (801/647-1303) before using this water source.

6. Source of Construction Materials

- a. Only native materials are to be utilized.
- b. No construction materials will be taken off Federal land.
- c. Surface and subsoil materials in the immediate area will be utilized. Any gravel will be purchased from a commercial source.
- d. All major access roads are shown on Maps #1 and #2.
- e. The top 12 inches of soil material will be removed from the location and stockpiled separate from the trees on the SE corner of the location. Topsoil along the access will be reserved in place.

7. Methods for Handling Waste Disposal

- a. Drill cuttings are to be contained and buried in the reserve pit.
- b. Drilling fluids are to be contained in the reserve pit.
- c. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- d. If a chemical porta-toilet is not furnished with the drilling rig, a sewage borehole will be used and its contents covered with a minimum of 4' of fill.
- e. If a trash pit is used, it will be constructed near the mud tanks with steep sides and dug at least six feet into solid undisturbed material. It will be totally enclosed with fine mesh wire before the rig moves in.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

7. Methods for Handling Waste Disposal (cont.)

- f. The reserve pit will not be lined. At least half of the capacity will be in cut.
- g. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling operations begin. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.
- h. Trash will not be disposed of in the reserve pit. Garbage and non-flammable waste are to be contained in the trash pit. Flammable waste is to be contained in the burn pit. The trash is to be burned periodically and the remains buried when the well is completed. A burning permit will be obtained from the State Fire Warden before burning trash. (801/587-2705)
- i. All trash, garbage, etc. is to be gathered and buried at the end of drilling operations and covered with a minimum of two feet of earth. Immediately on completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. Non-burnable debris will be hauled to a local town dump. Reserve and mud pits will be allowed to dry after drilling is completed and then adequately filled and leveled. All garbage and sewage pits will be filled as soon as the rig leaves the location.

8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. See Diagram #2 for rig layout. See Diagram #3 for cross section of drill pad. See Diagram #4 for cuts and fills.
- b. The location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil material stockpiles are shown on Diagram #2. The location will be laid out and constructed as discussed during the pre-drill conference.

10. Plans for Restoration of Surface

- a. Immediately upon completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of 2 feet of compacted soil.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

10. Plans for Restoration of Surface (cont.)

- b. The operator or his contractor will contact the BLM office in Monticello, Utah (801/587-2201) 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
- c. Before any dirt work to restore the location takes place, the reserve pit will be completely dry.
- d. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- e. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped with the contour to a depth of 12 inches.
- f. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

- g. Seed will be broadcast between October 1 and February 28 with the following prescription. When broadcast seeding, a harrow or similar implement will be dragged over the seeded area to assure seed cover.

Seed Mixture:

2 lbs./acre Indian ricegrass
1 lb. /acre Curleygrass
1 lb. /acre Alkali Sacaton
2 lbs./acre Fourwing saltbush
1 lb. / acre Shadscale
1 lb, / acre Wild sunflower

After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.

- h. The reserve pit and than portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

11. Other Information

- a. Topography - The project area is located in Bug Park, a large, open valley along the central reaches of Nancy Patterson Canyon. The terrain is gently undulating although prominent steep, isolated hills and ridges are scattered throughout the area.
Soils - consist of a very fine sandy loam with colluvium in the eroded area to the northwest.
Vegetation - Primarily bunchgrass with sagebrush, snakeweed and a few scattered juniper.
Fauna - consists of rabbits, small rodents and an occasional deer.
- b. Surface in the area is owned by the Bureau of Land Management and is used for cattle grazing and oil and gas exploration.
- c. The nearest water is Tin Cup Spring located approximately 2 miles southeast.
- d. The nearest occupied dwelling is approximately 6 miles southwest at the Perkins Ranch.
- e. An archeological study was performed. No significant cultural resources were found and clearance is recommended. See archeological report attached.
- f. Drilling will begin immediately upon approval of this application.
- g. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- h. The operator will notify the San Juan Resources Area BLM office in Monticello, Utah (801/587-2201) 48 hours prior to beginning any work on public land.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

11. Other Information (cont.)

- i. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work is done.

12. Lessee's or Operator's Representative

Permit Matters

PERMITCO
Lisa Green
1020-15th St.
Suite 22-E
Denver, CO 80202
303/595-4051 (W)

Drilling & Completion Matters

TRICENTROL RESOURCES INC.
David Howell
5675 S. Tamarac Parkway
Suite 200
Englewood, CO 80111
303/694-0988 (W)
303/423-1025 (H)

13. Certification

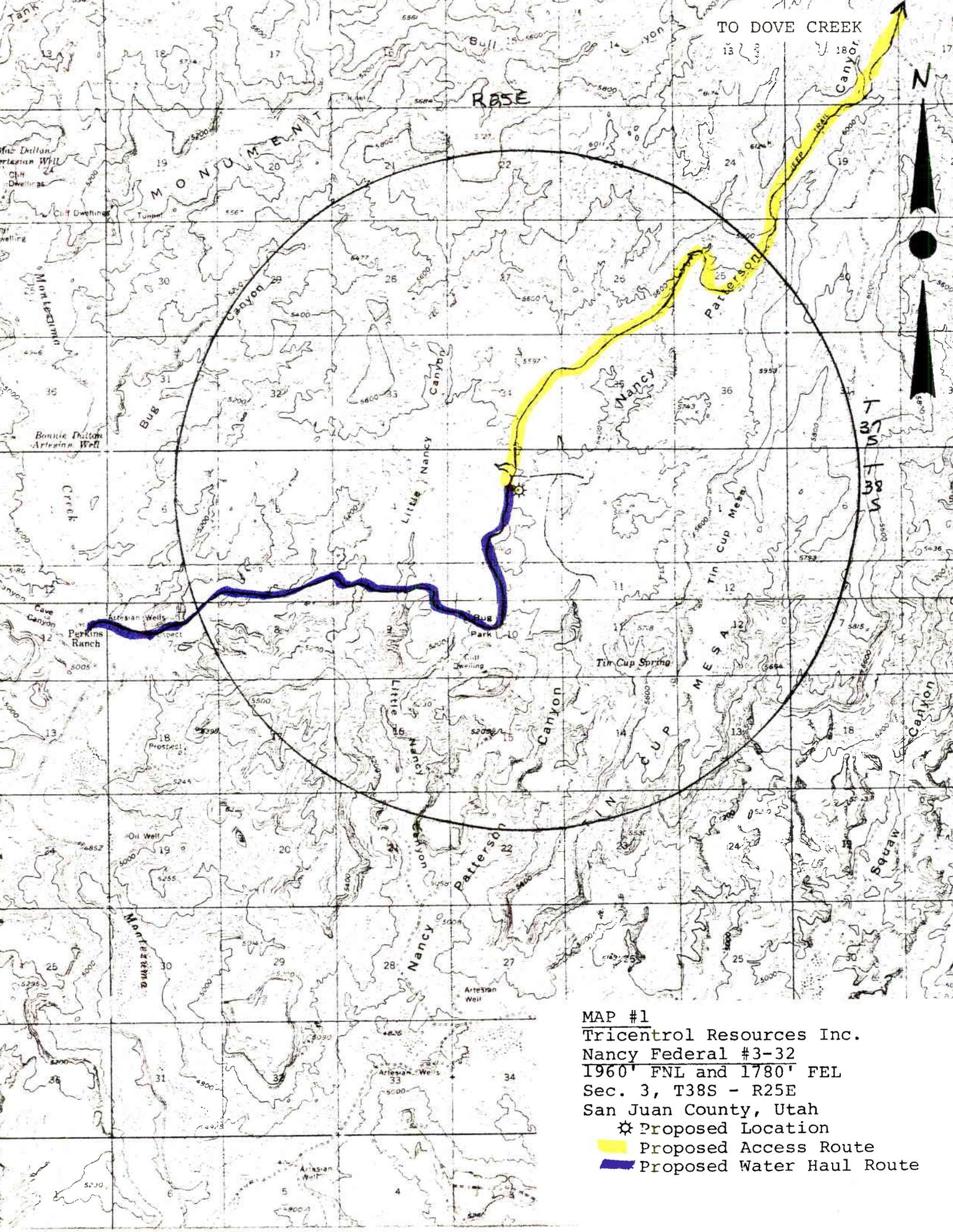
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

Date 3/13/83

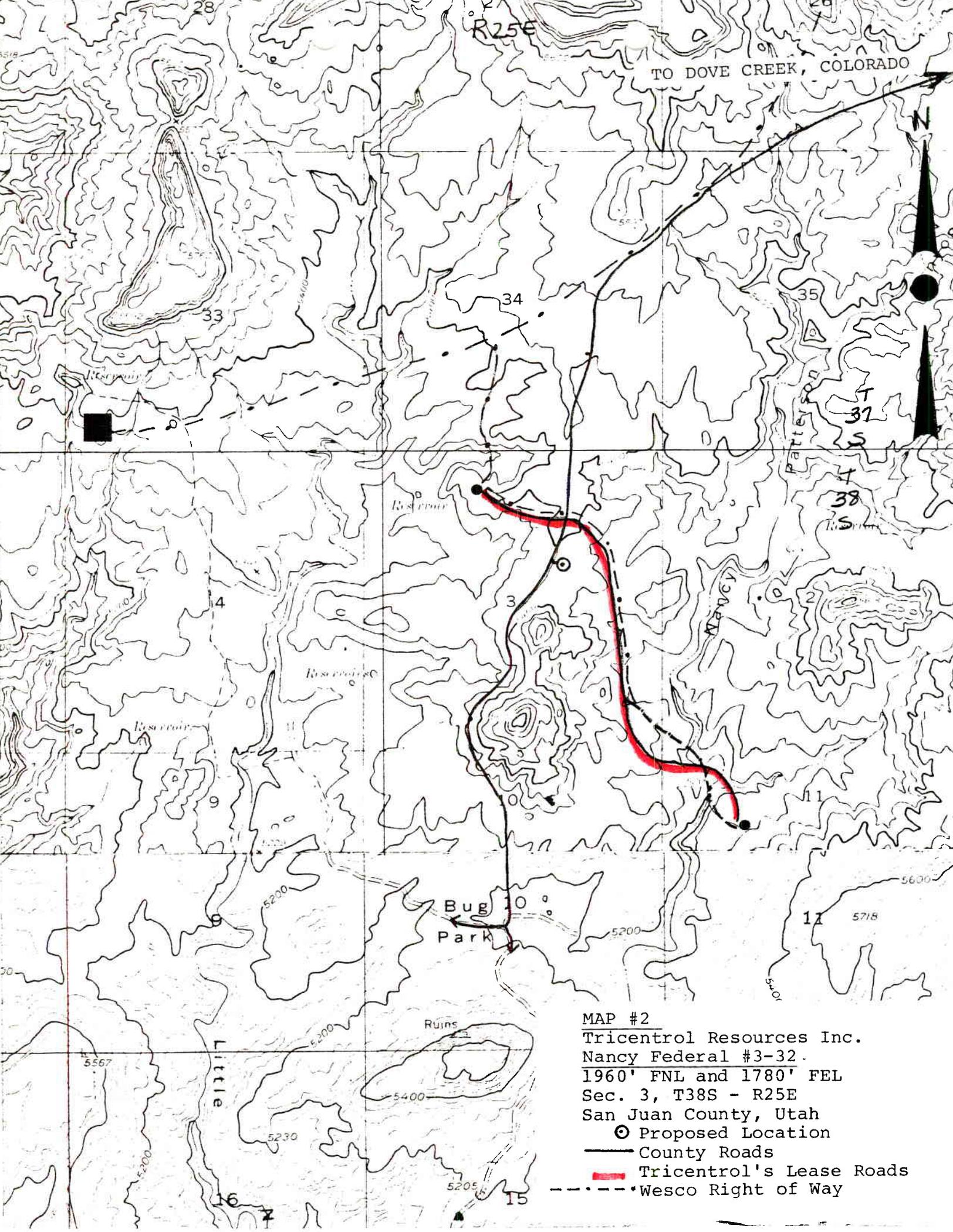
David Howell
David Howell - Petroleum Engineer
TRICENTROL RESOURCES INC.

Permitco

A Petroleum Permitting Company



MAP #1
Tricentral Resources Inc.
Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah
⊙ Proposed Location
Yellow Line Proposed Access Route
Blue Line Proposed Water Haul Route



TO DOVE CREEK, COLORADO

R25E

T31S

T38S

Bug Park

Ruins

Little

NANCY

MAP #2

Tricentrol Resources Inc.

Nancy Federal #3-32

1960' FNL and 1780' FEL

Sec. 3, T38S - R25E

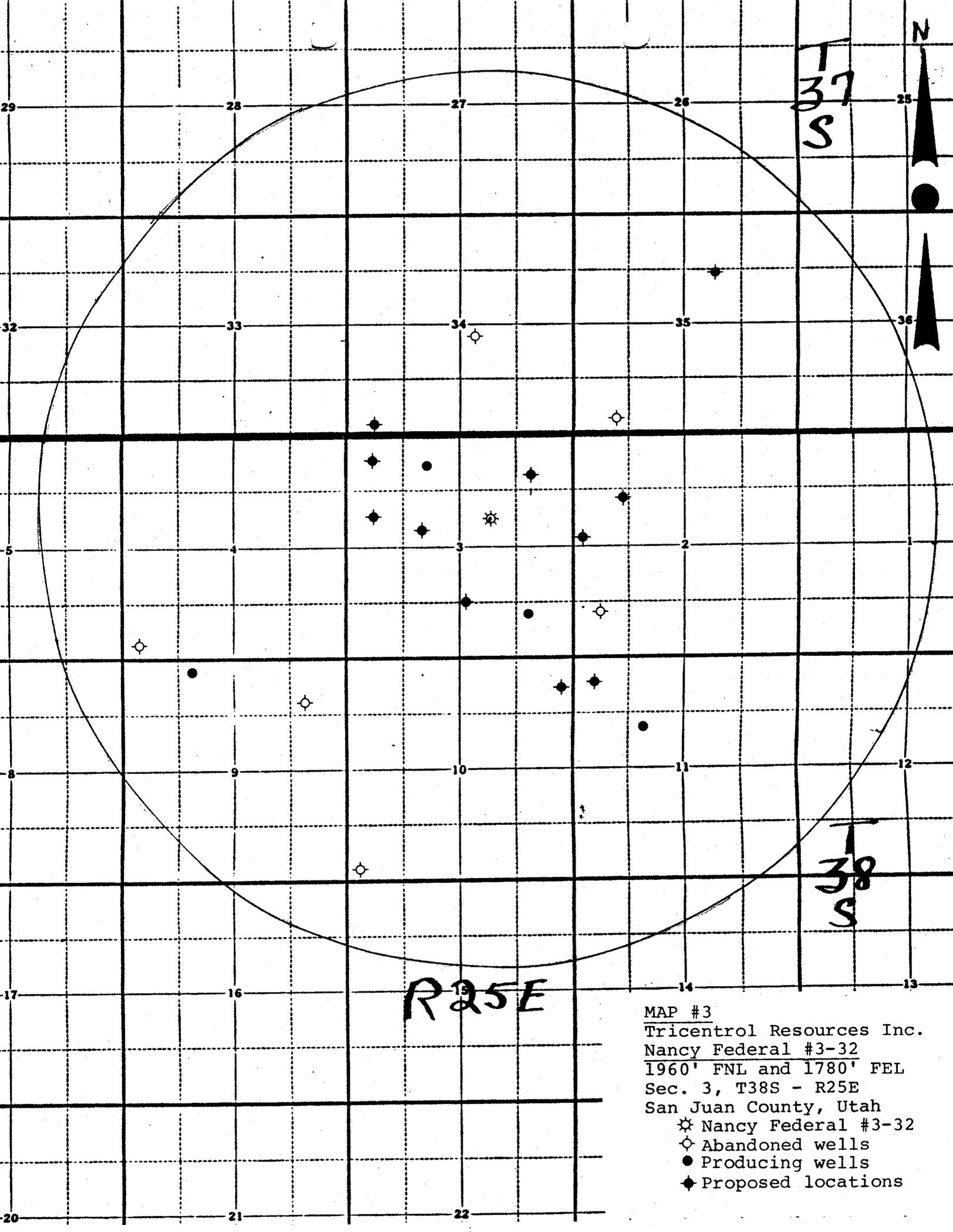
San Juan County, Utah

⊙ Proposed Location

— County Roads

— Tricentrol's Lease Roads

- - - Wesco Right of Way



T
37
S



T
38
S

R25E

MAP #3
 Tricentrol Resources Inc.
 Nancy Federal #3-32
 1960' FNL and 1780' FEL
 Sec. 3, T38S - R25E
 San Juan County, Utah
 ☆ Nancy Federal #3-32
 ◇ Abandoned wells
 ● Producing wells
 ◆ Proposed locations

AN ARCHEOLOGICAL SURVEY OF
TRICENTROL RESOURCES, INC.'S
NANCY FEDERAL #3-32 WELL PAD
SAN JUAN COUNTY, UTAH

LAC REPORT 8314

by
Patrick L. Harden

LA PLATA ARCHEOLOGICAL CONSULTANTS, INC.
P.O. BOX 783
DOLORES, COLORADO 81323
(303) 882-4933

MAY 2, 1983

Federal Antiquities Permit
83-AZ/CO/NM/UT-006

Prepared For:
Tricentrol Resources, Inc.
Suite 200
5675 S. Tamarac Parkway
Englewood, Colorado 80111

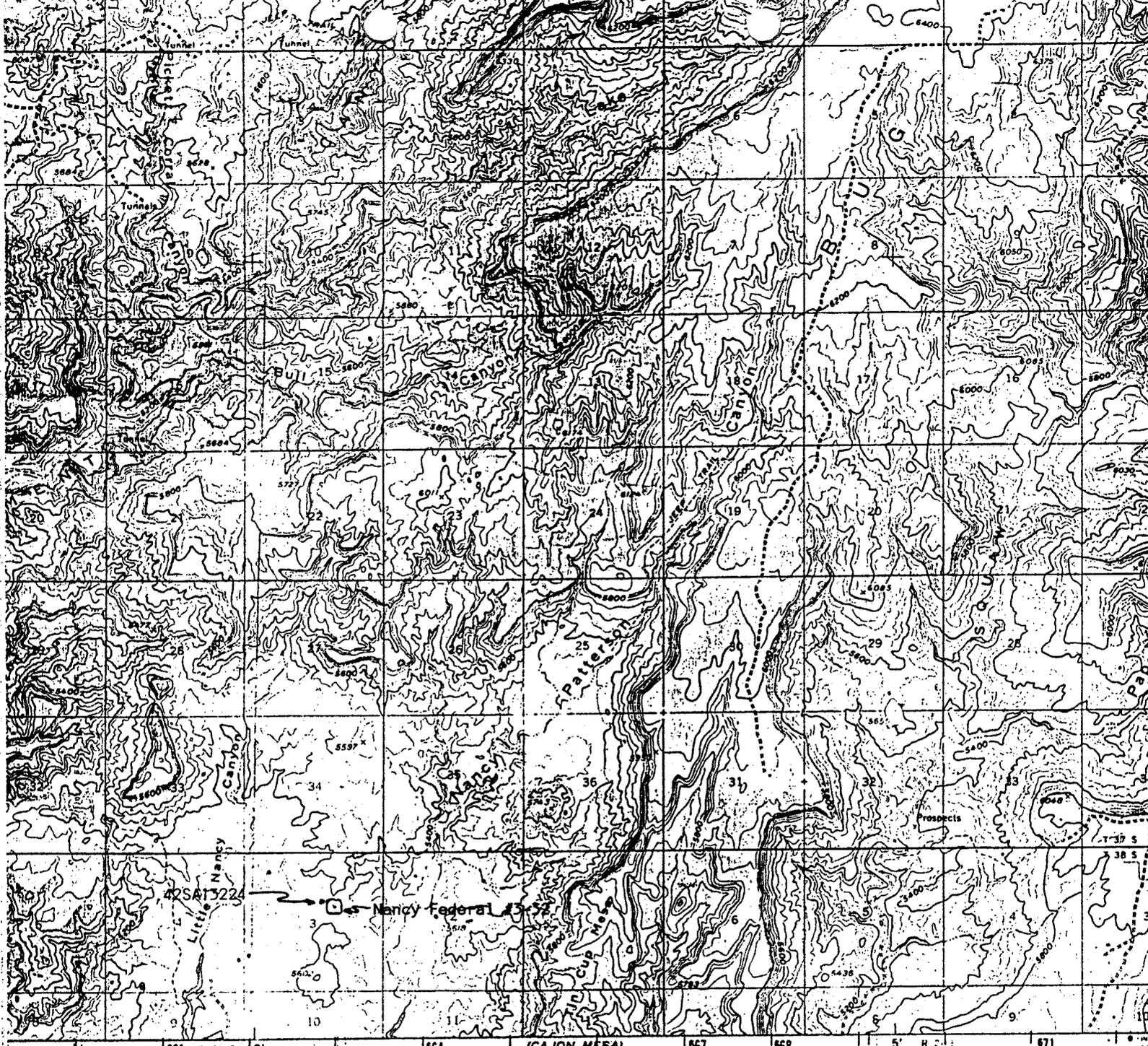
ABSTRACT

An archeological survey of Tricentrol Resources' Nancy Federal #3-32 well pad was conducted on April 21, 1983 by personnel of La Plata Archeological Consultants, Inc. of Dolores, Colorado. The project is located on lands administered by the Bureau of Land Management - San Juan Resource Area, Utah. An area 800 X 600 feet surrounding the primary and alternate center stakes of the well pad were archeologically investigated. The well pad is located adjacent to an existing improved county road, thus no additional access roads not in the surveyed area will be required. One historic Navajo temporary camp was located, but is located outside of the project area and will not be affected by construction activities. Archeological clearance is recommended for this project.

INTRODUCTION

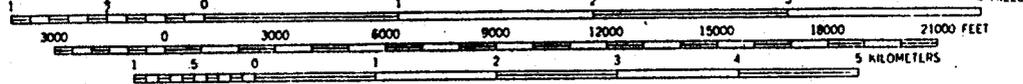
The archeological survey for Tricentrol Resources' Nancy Federal #3-32 well pad was requested by Ms. Lisa Green, acting permit agent for Tricentrol. The survey was conducted by Patrick Harden of La Plata Archeological Consultants on April 21, 1983. A pre-drill inspection of the project area was conducted on April 27th: persons attending the inspection were Ms. Green (Permitco), Dave Howell (Tricentrol), Brian Wood (BLM), Gerald Huddleston (Powers Elevation), Al Heaton (Urado Construction), and Harden (LAC).

The well pad is located in the SW $\frac{1}{4}$, NE $\frac{1}{4}$, section 3, T38S, R25E, San Juan County, Utah. The area is included on the



1661 R 25 E 10' 1664 (CAJON MESA) 4188 1 1667 1668 1671 970

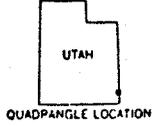
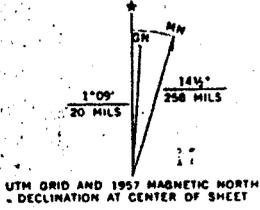
SCALE 1:62500



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MONUMENT CANYON, UTAH-COLO.
1957

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Monument Canyon, Utah-Colo. 15' series topographic map (1957).

PROJECT DESCRIPTION

The proposed project consists of the construction of a single well pad ca. 275 X 300 feet in size. Since the well pad is located adjacent to an existing road only a very short access road will be necessary. Some relocation of the existing county road may be required in order to allow adequate placement of the well pad.

PHYSIOGRAPHY AND ENVIRONMENT

The project area is located in Bug Park, a large open valley along the central reaches of Nancy Patterson Canyon. The area is bordered on the east by Tin Cup Mesa, and on the west by Little Nancy Canyon. The terrain in Bug Park is gently undulating in most areas, although prominent steep isolated hills and ridges are scattered throughout the area. The #3-32 well pad is located on the crest and east facing gentle slopes of a low narrow ridge. A low rocky ledge and eroded slopes are present along the northwest edge of the project area.

Sediments are primarily a very fine sandy loam, with colluvium in the eroded area to the northwest. Vegetation is primarily bunch grass, with sagebrush, snakeweed, and a few scattered juniper also present. The nearest source of permanent water is Tin Cup Spring, located ca. two miles southeast. Fauna present is consistent with that of the Upper Sonoran

Life Zone found throughout much of the Southwest. Current use of the area is primarily oriented toward livestock grazing.

EXAMINATION PROCEDURES

A file and literature review was conducted at the San Juan Resource Area office of the Bureau of Land Management on April 4th, prior to the field investigations. None of the project area had been previously surveyed, and no significant cultural resources are in or near the project area. An area 600 X 800' surrounding the original well pad center stake was inventoried for cultural resources. An alternate center stake was placed 200' east of the originally selected location since some realignment of the county road adjacent to the well pad would be required if the pad was not moved. Minor realignment of the road will still be necessary if the alternate location is selected. The 600 X 800' area surveyed provides an effective 600 X 600' area archeologically inspected for either location. The archeological surveyed was performed by walking a series of transects spaced at 15 meter intervals across the entire area. A standard IMACS site form was completed for the one site located, photographs taken, and sketch map drawn.

RESULTS

One historic archeological site was located in the area surveyed. The site is located outside of the area to be impacted by the project and is in no jeopardy of disturbance from the construction activities.

SITE 42SA13224

This site is an historic Navajo temporary sheep herders camp. The site consists of a small brush enclosure, a possible rock foundation for a structure or tent, and a sparse scatter of trash. The brush enclosure is 4 X 4m in size and is represented by axe cut juniper poles and brush scattered around three juniper trees. The possible structure foundation consists of sandstone rock forming a roughly 3 X 3m outline. Approximately 8 metal cans, including evaporated milk and assorted foods were widely scattered around the site area. The presence of the milk cans suggests that the site was used as a spring lambing area. The degree of decay of the cut juniper poles indicates that the site was occupied approximately 30-50 years ago. Two quartzite interior flakes and a quartzite cobble core fragment were also present in the site area, but not thought to be associated with the historic occupation.

CONCLUSION

The archeological survey of Tricentrol Resources' Nancy Federal #3-32 well pad was conducted by personnel of La Plata Archeological Consultants on April 21, 1983, and again inspected on April 27th during the pre-drill on-site. One historic archeological site was located in the area surveyed, but is outside of the project area and will not be affected by construction activities. Archeological clearance is recommended for this project.

DIAGRAM #1
Production Facilities Layout
Tricentral Resources Inc.
Nancy Federal #3-32
1960' FNL & 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah

Scale: 1" = 50'

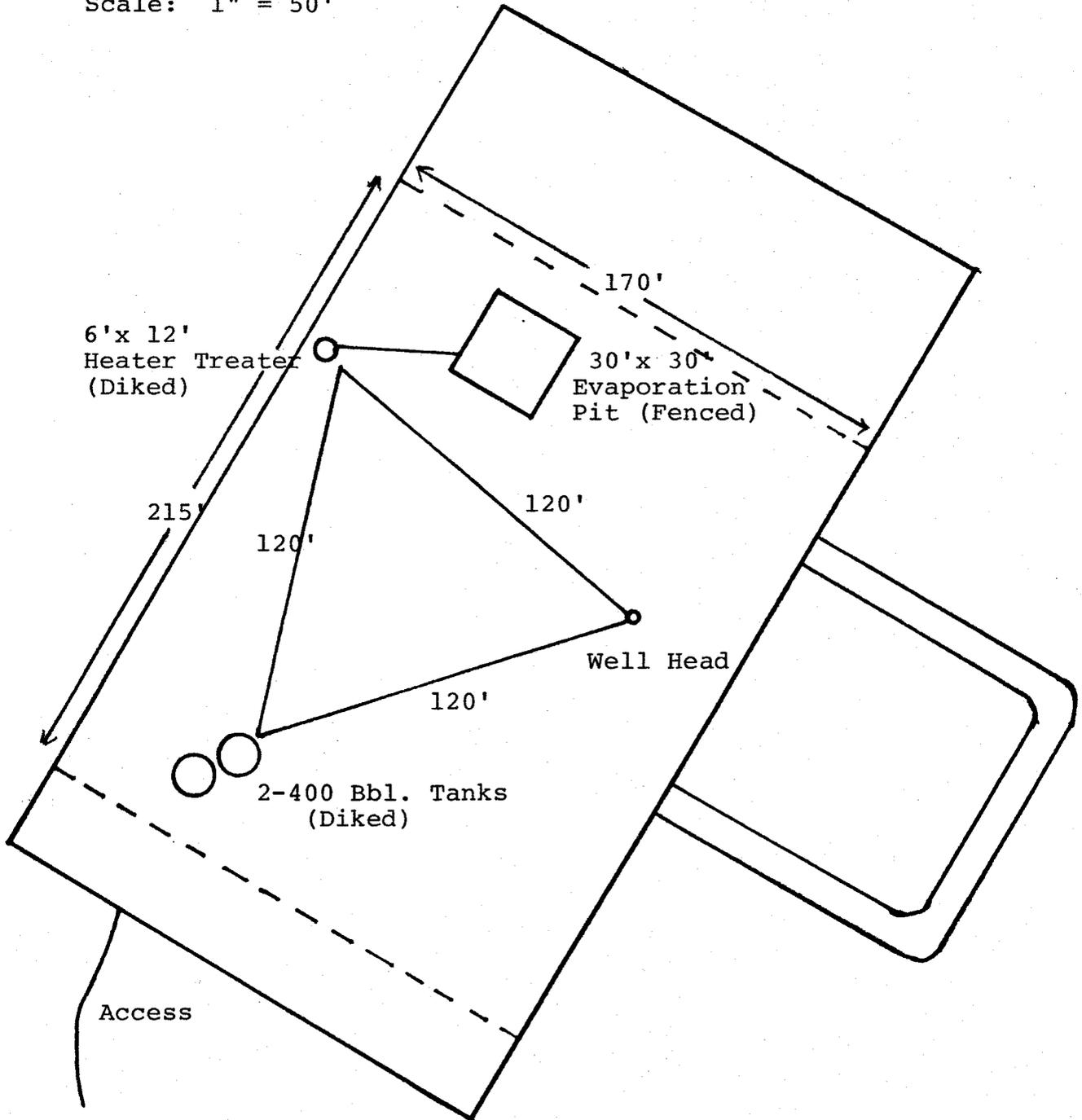
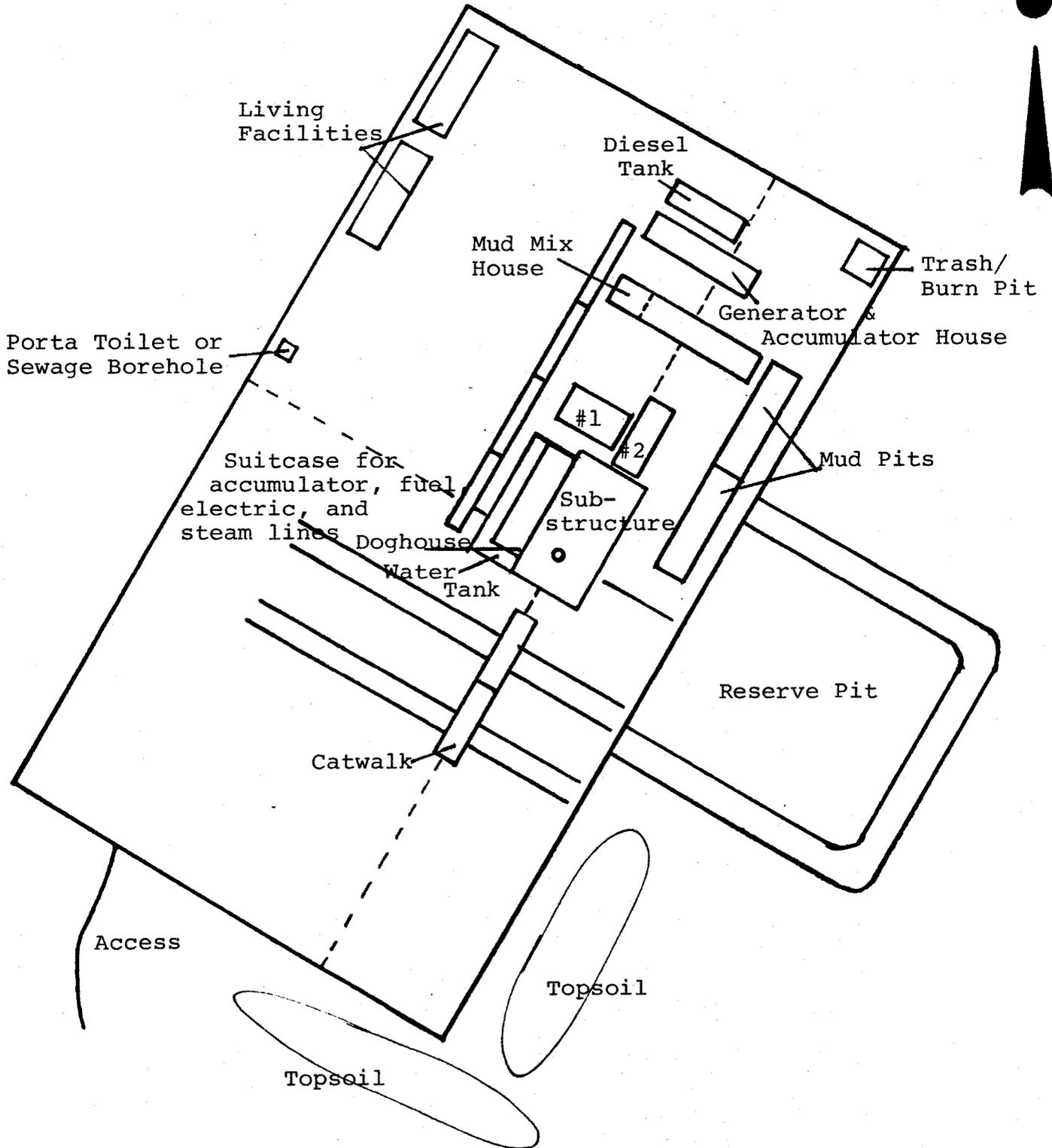


DIAGRAM #2
Rig Layout
Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL & 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah

Scale: 1" = 50'





POWERS ELEVATION

Well Nancy-Federal 3-32

OIL WELL ELEVATIONS - LOCATIONS
ENVIRONMENTAL - ARCHAEOLOGICAL SERVICES
800 SOUTH CHERRY STREET, SUITE 1201
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

Cut ///////////////
Fill:

Scales: 1"=50'H.
1'=20'V.

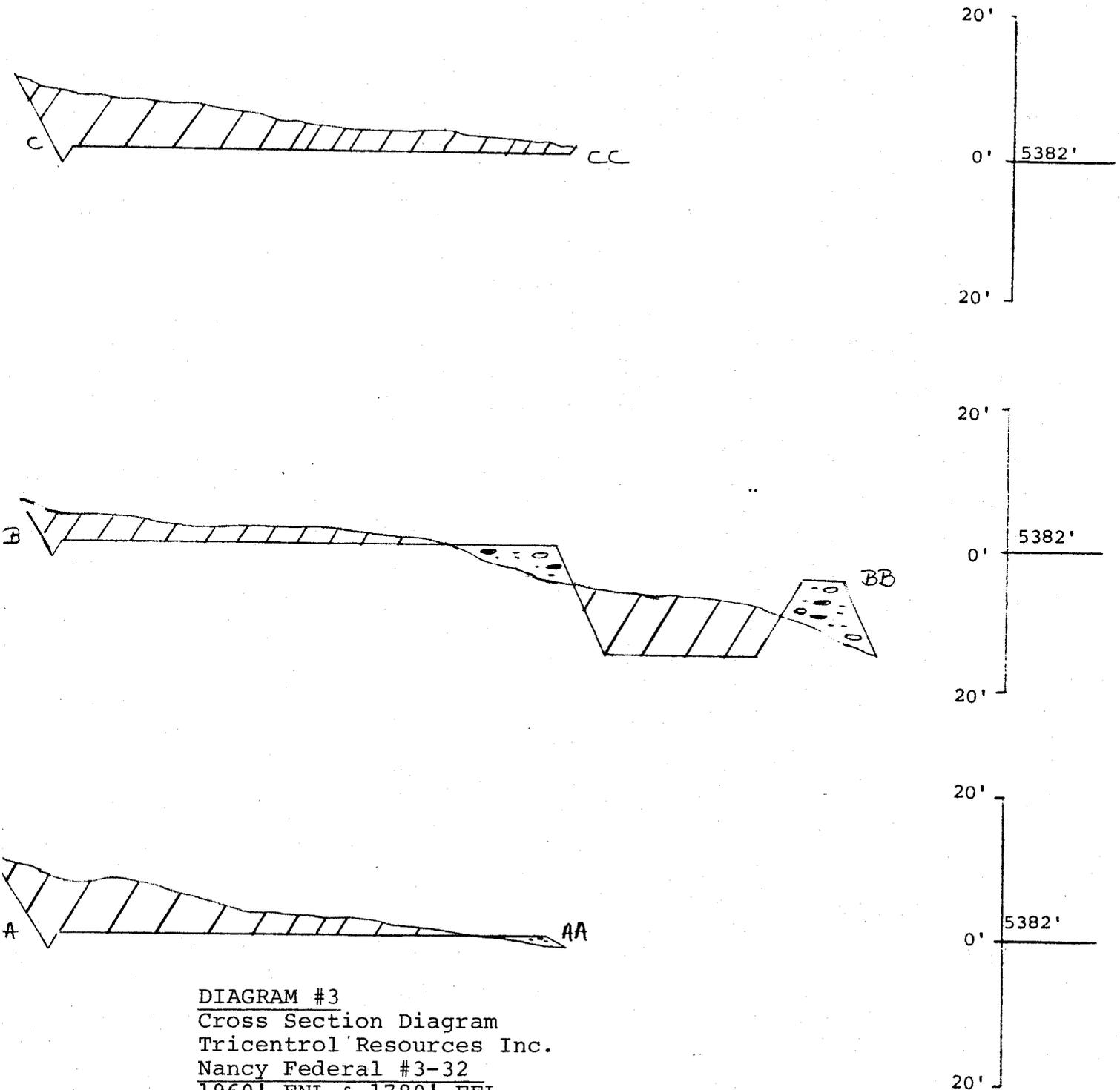
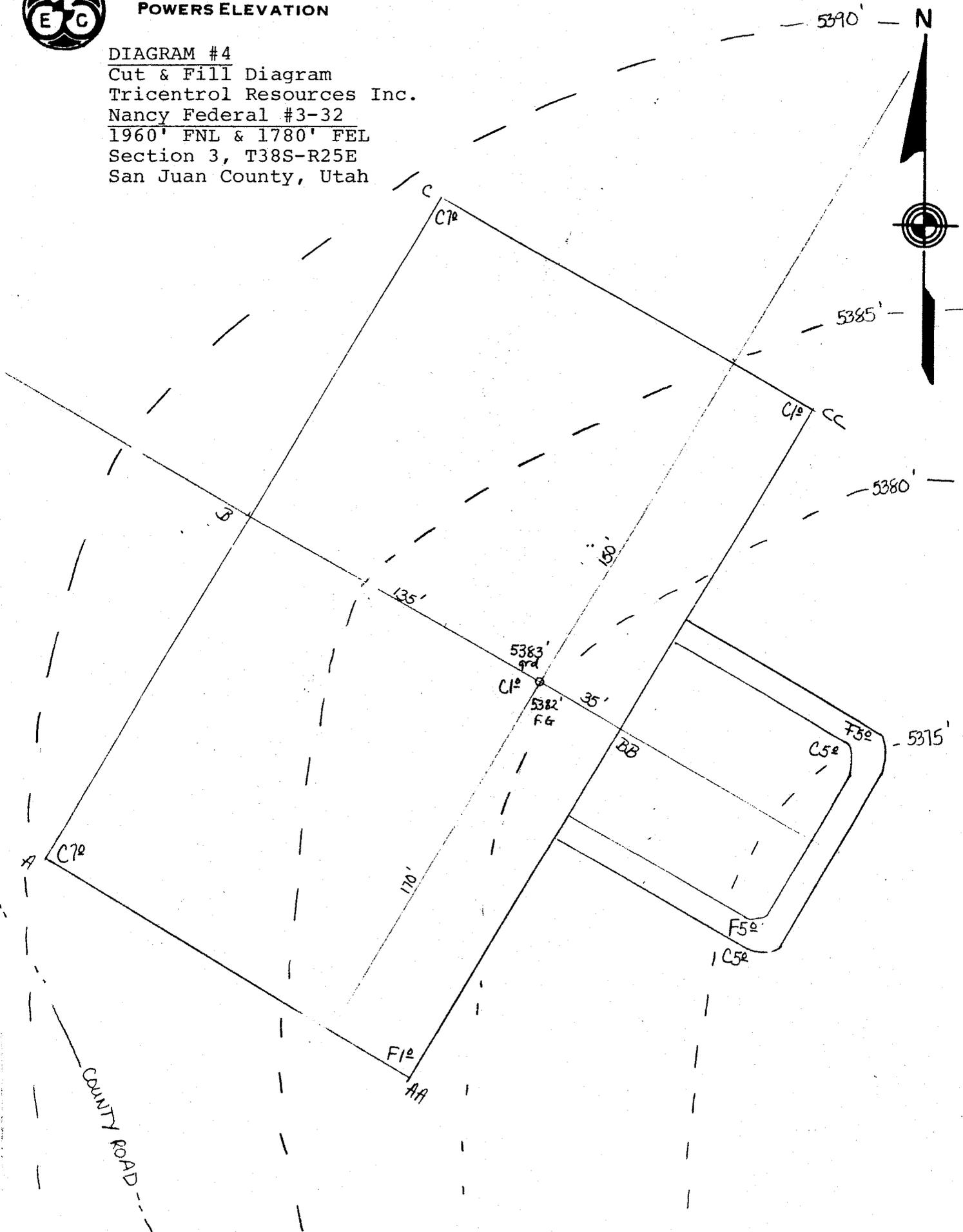


DIAGRAM #3
Cross Section Diagram
Tricentrol Resources Inc.
Nancy Federal #3-32
1960' FNL & 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah



POWERS ELEVATION

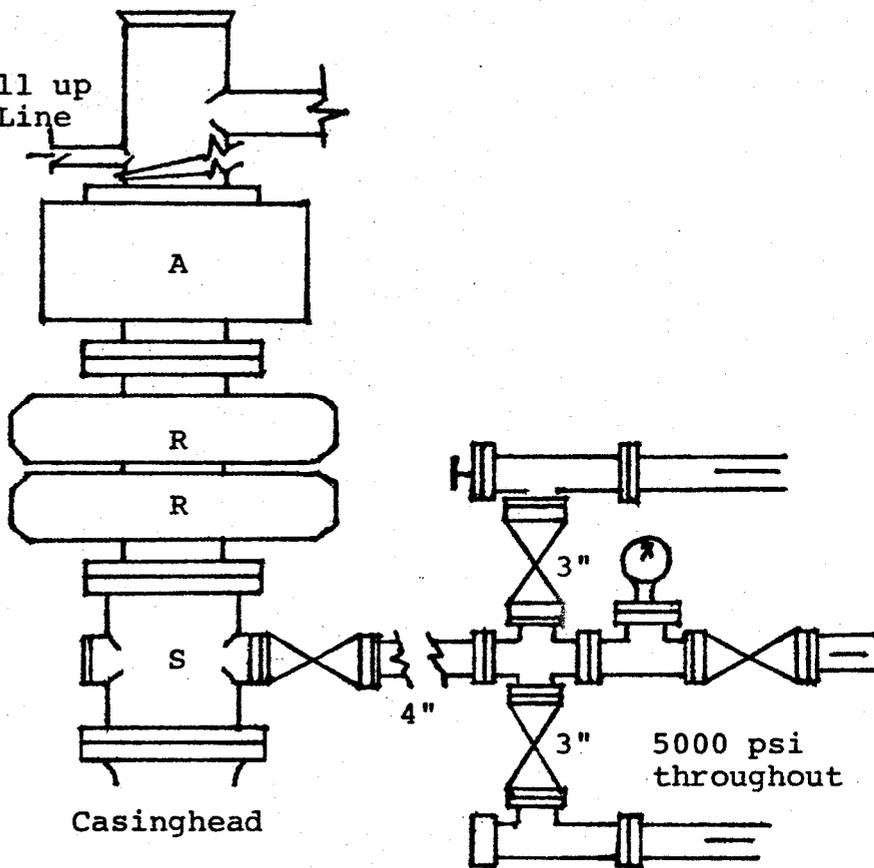
DIAGRAM #4
Cut & Fill Diagram
Tricentral Resources Inc.
Nancy Federal #3-32
1960' FNL & 1780' FEL
Section 3, T38S-R25E
San Juan County, Utah



Fill up
Line

Shaffer Spherical
10" 5000

Shaffer 'LWS'
10" 5000



Casinghead

5000 psi
throughout

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FEA*

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.

May 18, 1983

Tricentrol Resources Inc.
c/o Permitco
1020-15th Street, Suite 22-E
Denver, Colorado 80202

RE: Well No. Little Nancy Unit 3-32
SWNE Sec. 3, T.38S, R.25E
1960 FNL, 1780 FEL
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

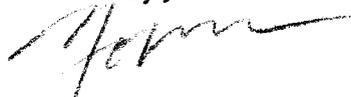
RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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 43-037-30896.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure

NOTICE OF SPUD

Company: Tri Central Resources

Caller: David Howell

Phone: # 303-694-0988

Well Number: Nancy Fed 3-32

Location: SW 1/4 T14N Sec 3 T38S-R25E

County: San Juan State: UT

Lease Number: U-40053

Lease Expiration Date: _____

Unit Name (If Applicable): Little Nancy

Date & Time Spudded: 11:30 P.M. 6-1-83

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

Rotary Rig Name & Number: Coleman Rig #2

Approximate Date Rotary Moves In: 5-31-83

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 6-3-83 8:50 A.M.

cc: well file
BEM, Uenal
UT State Oil & Gas
TAT

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Tricentrol Resources Inc.

WELL NAME: Nancy Federal 3-32

SECTION SWNE 3 TOWNSHIP 38S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Coleman

RIG # 2

SPUDDED: DATE 6-1-83

TIME 11:00 PM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Dave Howell

TELEPHONE # 303-694-0988

DATE 6-3-83 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-231-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Tricentrol Resources Inc.

3. ADDRESS OF OPERATOR
5675 S. Tamarac Pkwy, Ste 200, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1960' FNL & 1780' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:

-
-
-
-
-
-
-
-
-

RECEIVED
JUN 08 1983

DIVISION OF
OIL GAS & MINING

- 5. LEASE
U-40053
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None
- 7. UNIT AGREEMENT NAME
Little Nancy Unit
- 8. FARM OR LEASE NAME
Nancy Federal
- 9. WELL NO.
#3-32
- 10. FIELD OR WILDCAT NAME
Unnamed
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T38S-R25E
- 12. COUNTY OR PARISH
San Juan
- 13. STATE
Utah
- 14. API NO.
43-037-30898
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)
GR 5383'; KB 5395'

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.)*

Spudded well at 11:30 p.m., 6/1/83.

Ran 33 jts, 8-5/8", 24#, J-55, ST&C surface casing and set at 1366.15'. Cemented with 390 sxs Howco Lite, 1/2# Flocele, 6 1/4# Gilsonite plus 2% CaCl per sx. Tailed in with 300 sxs Class B cmt w/1/2# Flocele, 6 1/4# Gilsonite plus 2% CaCl. Circulated 160 sxs to surface. PD at 9:45 a.m., 6/3/83.

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

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

SIGNED David P. Howell TITLE Sr. Petro. Engineer DATE 6/6/83

(This space for Federal or State office use)

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

cc: State of Utah

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
Tricentrol Resources Inc.

3. ADDRESS OF OPERATOR
5675 S. Tamarac Pkwy, Ste 200, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1960' FNL & 1780' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None

7. UNIT AGREEMENT NAME
Little Nancy Unit

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
#3-32

10. FIELD OR WILDCAT NAME
Unnamed

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T38S-R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-30898

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GR 5383'; KB 5395'

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) Well Status			X

RECEIVED
JUN 20 1983

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

DIVISION OF
OIL, GAS & MINING

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.)*

Current Operation: Waiting on completion unit.

Drilled to TD 5704'. Ran production casing as follows: 138 jts, 5 1/2", 15.5#, J-55, ST&C casing and set at 5704'. Cemented with 200 sxs Class H Self-Stress cement. Plugged down at 1 p.m., 6/13/83. Released rig at 5 p.m., 6/13/83.

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

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

SIGNED David P. Howell TITLE Sr. Petro. Engineer DATE 6/14/83

(This space for Federal or State office use)

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

cc: State of Utah

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

RECEIVED
JUN 20 1983

DIVISION OF
OIL GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number NANCY FEDERAL #3-32
Operator Tricentrol Resources Inc. Address 5675 South Tamarac Pkwy, Ste. 200
Englewood, CO 80111
Contractor Coleman Drilling Co. Address P.O. Drawer 3337
Farmington, NM 87499
Location SW 1/4 NE 1/4 Sec. 3 T. 38S R. 25E County San Juan

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	3228-	3252'	Not gauged	salt water
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

<u>Formation Tops</u>	
	Navajo 645'
	Chinle 1275'
	Cutler 2536'
<u>Remarks</u>	Hermosa 4790'
	Ismay 5480'
	TD 5704'

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

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Nancy

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
June, 19 83

Agent's Address 5675 So. Tamarac Pkwy, Ste. 200
Englewood, CO 80111
Phone No. (303) 694-0988

Company Tricentrol Resources Inc.
Signed [Signature]
Title Operations Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	API NUMBER/REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
3, SWNE	38S	25E	3-32							Well was spudded 6/1/83. Drilled to TD 5704'. Moved in completion unit 6/20/83. Status as of 6/30/83: perforating. API 43-037-30898

RECEIVED
SEP 20 1983

DIVISION OF
OIL, GAS & MINING

GAS: (MCF)
Sold _____ 0
Flared/Vented _____ 0
Used On/Off Lease _____ 0

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month _____ 0
Produced during month _____ 0
Sold during month _____ 0
Unavoidably lost _____ 0
Reason: _____
On hand at end of month _____ 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

Note: The API number must be listed on each well.
9/23/83



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

January 3, 1984

Tricentrol Resources Inc.
5675 S Tamarac Pkwy, STE 200
Englewood, Colorado 80111

RE: Well No. Little Nancy #3-32
API #43-037-30898
1960' FNL, 1780' FEL SW/NE
Sec. 3, T. 38S, R. 25E.
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward to this office as soon as possible.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones
Well Records Specialist

CJ/cj
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Possible disposal
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Request permission
 2. NAME OF OPERATOR Tricentrol Resources Inc.
 3. ADDRESS OF OPERATOR 5675 So. Tamarac Pkwy, Ste. 200, Englewood, CO 80111
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1960' FNL & 1780' FEL (SWNE)
 At top prod. interval reported below Same
 At total depth Same

5. LEASE DESIGNATION AND SERIAL NO. U-40053
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME None
 7. UNIT AGREEMENT NAME Little Nancy Unit
 8. FARM OR LEASE NAME Nancy Federal
 9. WELL NO. #3-32
 10. FIELD AND POOL, OR WILDCAT Unnamed UNDESIGNATED
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3, T38S-R25E

14. PERMIT NO. 43-037-30898 DATE ISSUED _____
 15. DATE SPUNDED 6/1/83 16. DATE T.D. REACHED 6/14/83 17. DATE COMPL. (Ready to prod.) N/A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5395' KB 19. ELEV. CASINGHEAD 5383'

12. COUNTY OR PARISH San Juan 13. STATE Utah

20. TOTAL DEPTH, MD & TVD 5704' 21. PLUG, BACK T.D., MD & TVD 5668' 22. IF MULTIPLE COMPL., HOW MANY* None 23. INTERVALS DRILLED BY Rotary ROTARY TOOLS Yes CABLE TOOLS No
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* _____ 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction/SFL, BHC-Sonic, LDC/Nuetron 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#, K-55	1366'	12-1/4"	390 sxs Poz & 300 Class B	None
5-1/2"	15.5#, J-55	5704'	7-7/8"	200 sxs Self-Stress II	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
		None		

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5407'	5407'

31. PERFORATION RECORD (Interval, size and number)

5572-83'	2 spf	22 holes
5566-68'	2 spf	4 holes
5446-53'	2 spf	14 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5572-83'; 5566-5568'	Acid w/3750 gals 28% HCl, squeezed w/150 sxs Class B.
5446-53'	Acid w/2750 gals 28% HCl.

RECEIVED
JAN 24 1984

33.* PRODUCTION

DATE FIRST PRODUCTION None PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) SI-Temporarily Abandoned

DATE OF TEST _____ HOURS TESTED _____

CHOC. SIZE _____ PROD. FOR _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____

FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ OIL GRAVITY-API (CORR.) _____

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

35. LIST OF ATTACHMENTS Core #1 & #2, Electric logs sent directly by Schlumberger.

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

SIGNED Neil P. Howell TITLE Senior Petroleum Engineer DATE 1/20/84

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

cc: Utah OGM

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.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Navajo	645'		No DSTs were run. Core #1 & #2 attached.
Chinle	1275'		
Cutler	2536'		
Hermosa	4790'		
Ismay	5480'		

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

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
Wintershall Oil and Gas Corporation

3. ADDRESS OF OPERATOR
5675 DTC Blvd., Ste. 200, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1960' FNL & 1780' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None

7. UNIT AGREEMENT NAME
Little Nancy Unit

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
#3-32

10. FIELD OR WILDCAT NAME
Nancy

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3 ; T38S-R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-30898

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5383'GR; 5395'KB

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) Change of Operator			<input checked="" 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.)*

Wintershall Oil and Gas Corporation purchased Tricentrol Resources Inc. effective June 22, 1984 and has assumed operations of this property.

RECEIVED

JUN 29 1984

DIVISION OF OIL
GAS & MINING

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

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

SIGNED David P. Howell TITLE Operations Manager DATE 6/27/84

(This space for Federal or State office use)

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

cc: Utah OGMD ✓

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 TA

2. NAME OF OPERATOR
Wintershall Oil and Gas Corporation

3. ADDRESS OF OPERATOR 80111
5675 DTC Blvd, Ste 200, Englewood, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1960' FNL & 1780' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None

7. UNIT AGREEMENT NAME
Little Nancy Unit

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
#3-32

10. FIELD OR WILDCAT NAME
Nancy

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T38S-R25E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.
43-037-30898

15. ELEVATIONS (SHOW DF, KDB, AND WD)
9383' GR; 5395' KB

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) Injunctivity <input checked="" type="checkbox"/> Test <input type="checkbox"/>	

RECEIVED

JUL 2 1984

Report results of multiple completion or zone change on Form 9-330.

DIVISION OF OIL
GAS & MINING

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.)*

1. MIRU pulling unit, install BOPE, ND wellhead.
2. Release Mt. States CS-1 pkr set at 5407' and POOH with 2-7/8", 6.5#, N-80 tubing after retrieving Mt. State RBP set at 5562'.
3. RU lubricator for 4" hollow carrier perforating gun with 23 gram charges to perforated 5574-84' and 5592-5600' RKB, 4 spf (Ref: Density log dated June 12, 1984.)
4. PU 3 jts, 2-7/8", 6.5#, N-80 tubing. Redress pkr and RIH to set pkr at ±5505'.
- 5.1 RU Dowell pump truck and TMV van to breakdown and establish injunctivity with produced "water" from offset wells.
6. NUWH and release rig.

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

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

SIGNED David P. Howell TITLE Operations Mgr. DATE 6/28/84

(This space for Federal or State office use)

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

CC: Utah OGMD ✓

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 TA

2. NAME OF OPERATOR
Wintershall Oil and Gas Corporation

3. ADDRESS OF OPERATOR 80111
5675 DTC Blvd, Ste 200, Englewood, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1960' FNL & 1780' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None

7. UNIT AGREEMENT NAME
Little Nancy Unit

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
#3-32

10. FIELD OR WILDCAT NAME
Nancy

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T38S-R25E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.
43-037-30898

15. ELEVATIONS (SHOW DF, KDB, AND WD)
9383' GR; 5395' KB

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

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

RECEIVED
JUL 19 1984
**DIVISION OF OIL
GAS & MINING**

(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.)*

1. MIRU pulling unit, install BOPE, ND wellhead.
2. Release Mt. States CS-1 pkr set at 5407' and POOH with 2-7/8", 6.5#, N-80 tubing after retrieving Mt. States RBP set at 5562'.
3. RU lubricator for 4" hollow carrier perforating gun with 23 gram charges to perforate 5574-84' and 5592-5600' RKB, 4 spf. (Ref: Density log dated June 12, 1984.)
4. PU 3 jts, 2-7/8", 6.5#, N-80 tubing. Redress pkr and RIH to set pkr at 5498' with packer fluid in backside.
5. RU Dowell pump truck and TMV van to breakdown and establish injectivity with produced "water" from offset wells. (see attached).
6. NUWH and release rig.

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

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

SIGNED Kim Luchs TITLE Operations Engineer DATE 7/17/84

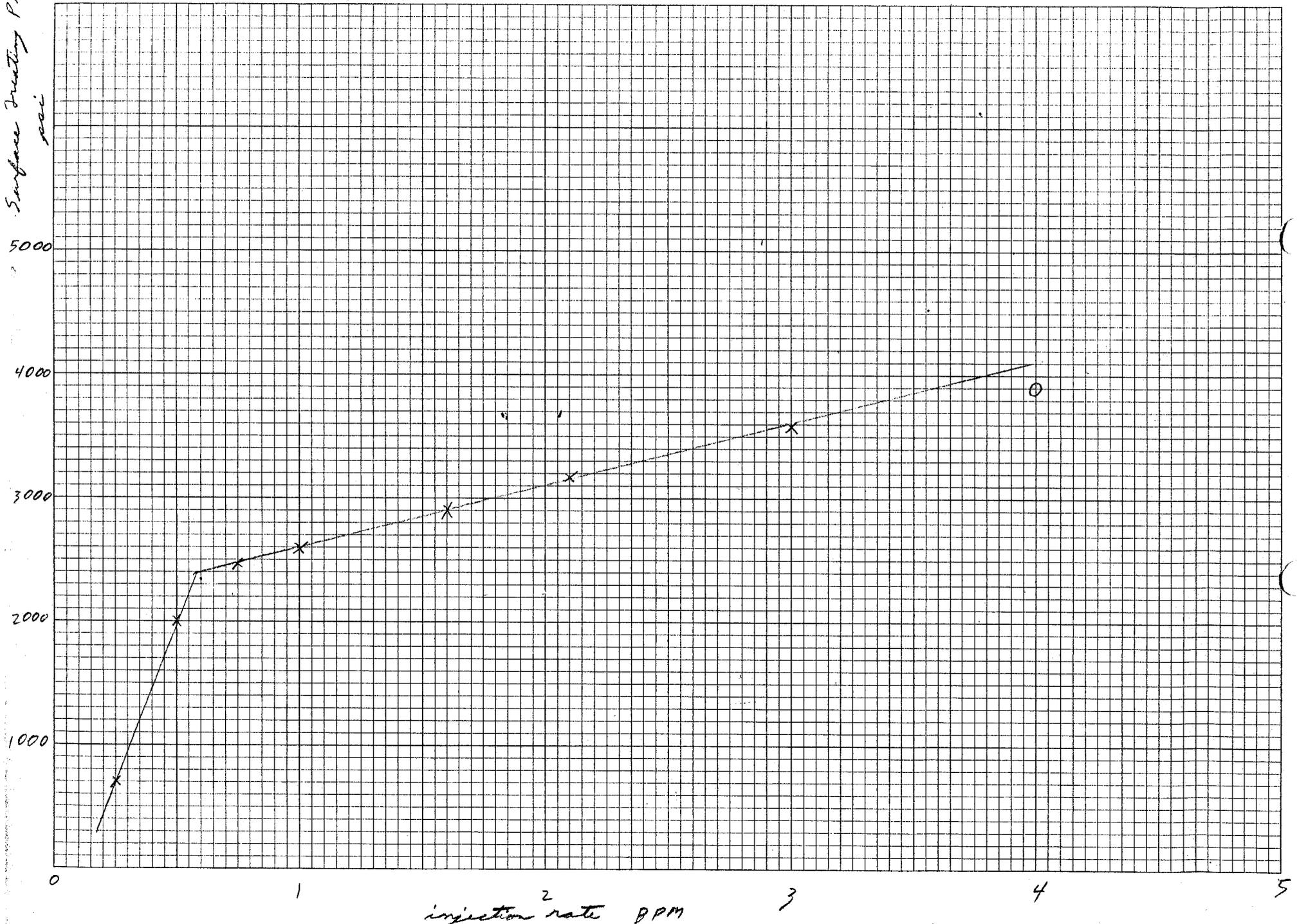
(This space for Federal or State office use)

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

cc: Utah OGMD

Injectivity Test 7-14-84

Nancy Fed 3-32



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 TA

2. NAME OF OPERATOR
Wintershall Oil and Gas Corporation

3. ADDRESS OF OPERATOR 80111
5675 DTC Blvd, Ste 200, Englewood, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1960' FNL & 1780' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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

5. LEASE
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None

7. UNIT AGREEMENT NAME
Little Nancy Unit

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
#3-32

10. FIELD OR WILDCAT NAME
Nancy

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T38S-R25E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.
43-037-30898

15. ELEVATIONS (SHOW DF, KDB, AND WD)
9383' GR; 5395' KB

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 checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	

RECEIVED

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

JUL 19 1984

DIVISION OF OIL
GAS & MINING

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.)*

- 7/11/84: 1) Locate hole in casing at 3465', ±15'.
2) Isolate csg hole to squeeze; setting RBP @ 3510' and pkr @ 3365'.
3) Squeeze with 75 sxs Class "B" plus 2% CaCl plus .8% D-60. Avg. injection rate 1 BPM @ 1900 psi.
- 7/12: 1) Pressure tubing to 3000 psi, held 30 min.
2) Drilled 30' soft cement.
- 7/13: 1) Drilled remaining cement.
2) Pressure test casing squeeze to 2000 psi, held 30 min.
3) Release RBP to POOH.

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

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

SIGNED Kim Luksa TITLE Operations Engineer DATE 7/17/84

(This space for Federal or State office use)

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

cc: Utah OGMD

Wintershall Oil and Gas Corporation
5675 DTC Boulevard, Englewood, Colorado 80111



Wintershall
Oil and Gas Corporation
Englewood, Colorado

RECEIVED

August 9, 1984

AUG 14 1984

State of Utah
Oil, Gas & Mining Dept.
4241 State Office Building
Salt Lake City, UT 84114

**DIVISION OF OIL
GAS & MINING**

Attention: Mr. Gilbert Hunt

Re: Water Disposal Well Application for
Nancy Federal 3-32
Sec. 3 - 38S-25E
San Juan County, UT.

Gentlemen:

Enclosed are application forms and supporting information to convert the Nancy Federal 3-32 well to a disposal well for produced Ismay water from offset wells to be reinjected into the Ismay formation.

As you are aware, the extreme salinity of this produced water makes its appropriate disposal important.

Produced waters are stored in tanks located at each production tank battery and trucked to appropriate water disposal facilities. This disposal well and its accompanying water injection plant will provide an environmentally compatible disposal method and help maintain the pressure in the reservoir, thereby improving the hydrocarbon recovery efficiency for this field.

Results of the injectivity test, performed 7-14-84 with filtered produced water, are shown by the accompanying graph. Each injection rate was maintained for sufficient time until the surface treating pressure held constant. Then the injection rate was increased to the next step. Shortly after the injection rate was increased to 4 BPM, the pressure in the casing-tubing annulus began to increase rapidly due to packer seal failure causing the test to be discontinued prematurely. The surface treating pressure at that time was 3900 psi after 5.5 hours of pumping time. The packer has since been replaced and the casing-tubing annulus tested to 1000 psi.

State of Utah
Page 2
August 9, 1984

Surface land within a one-half mile radius of this well is all government owned. All oil and gas leases within this one-half mile radius are held and operated by Wintershall Oil and Gas Corporation.

The plant is being designed to receive trucked produced water into closed top tanks where it will be filtered before injection into the well. All equipment, valves, wellhead and piping will have a maximum pressure rating of 3000 psi, thereby insuring no fractures will be created in the injection formation.

Records of injection rate, volume, tubing pressure and casing-tubing annular pressure will be kept weekly to insure prudent operation of this facility.

Additional information can be supplied as needed.

Your approval of this application is requested.

Sincerely,



Kim Luck
Operations Engineer

KL:db
Enclosures



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 16, 1984

Wintershall Oil & Gas Corporation
5675 DTC Boulevard
Englewood, Colorado 80111
Attn: Kim Lucks

Gentlemen:

RE: Application for disposal well:
Nancy Federal 3-32
Section 3, T38S, R25E
San Juan County, Utah

Please provide the following pursuant to the referenced injection well application.

- 1) Justification for an injection pressure of 3000 psi when the step-rate test showed a parting pressure of approximately 2400 psi. If a pressure above the parting pressure is used, to what depth are the vertical fractures expected to extend?
- 2) Discuss the pressure and rate control devices to be used to prevent extremely high or low injection pressure and rate.
- 3) What are your contingency plans for disposal of the water should this well be shutin for any reason?
- 4) If available, please provide a copy of the cement bond log for this well.

If you have any questions, please call.

Sincerely,

Gil Hunt
UIC Geologist

GH/mfp

Nancy Fed. 532 Whiteshall

CHECKLIST FOR INJECTION WELL APPLICATION

UIC Forms

Not signed

Plat

✓

Surface Owners and Lease Holders

✓ Fed

Schematic Diagram

✓

Frac Gradient Information

Step-rate test shows pp=2400

Pressure and Rate Control

?

Fluid Source

✓

Analysis of Injected Fluid

✓? questionable

Geologic Information

?

USDW in the Area

?

Analysis of Injected Formation

✓?

Contingency Plans

?

Mechanical Integrity Test

✓

Aquifer Exemption

✓

~~2/21~~

Wintershall Oil and Gas Corporation
5675 DTC Boulevard, Suite 200
Englewood, Colorado 80111 U.S.A.

Wintershall
Oil and Gas Corporation
Englewood, Colorado

August 28, 1984

RECEIVED

AUG 31 1984

DIVISION OF OIL
GAS & MINING

State of Utah
Oil, Gas, and Mining Division
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Mr. Gilbert Hunt

RE: Application for Disposal Well
Nancy Federal #3-32
Sec. 3, T38S-R25E
San Juan County, Utah

Gentlemen:

An injection rate of 1.8 BPM at 3000 psi will permit economical disposal of produced water in sufficient quantity to handle anticipated water production for the field. As shown by the enclosed stimulation, a fracture length of 48 feet is predicted at this injection rate.

In addition to maximum plant design operating conditions of 1.8 BPM at 3000 psi, a pop-off valve set at 3000 psi and a hi/low pressure shut down will be placed in the discharge line to the wellhead.

If this disposal well is not in service for an extended period of time, produced water can be trucked to existing/proposed evaporation pits in the area. Sufficient tank storage exists at production batteries for any short term shut downs which may occur.

Sincerely,

Kim Lucks

Kim Lucks
Operations Engineer

Enclosure

DOWELL SCHLUMBERGER

PROJECT: STAD SYSTEM RUN RUN # 1
DATE: WED, AUG 22, 1984 (235) PAGE # 1

COMPANY: WINTERSHALL WELL : NANCY 3-32
COUNTY : SAN JUAN STATE : UTAH
FIELD : LITTLE NANCY FORMTN: ISMAY

SPRHEAD

PAD: BRINE AT 1.8 BPM
TRTFD: BRINE AT 1.8 BPM

DRAINAGE RADIUS= 659.65 FT
GROSS HEIGHT= 25 NET HEIGHT= 25

FOR PAD DEPLETION:

--- PADVOL ---

PAD	TRTFD	PAD	AVE. FRAC
VOLUME	VOLUME	PENETRATION	MORE... WIDTH
(GAL)	(GAL)	(FT)	(IN)
2000	8883	25	0.011
4000	23266	38	0.013
6000	8618	34	0.013
8000	358	29	0.012
10000	129	33	0.012
12000	105	36	0.013
14000	96	40	0.014
16000	101	43	0.014
18000	101	46	0.015
20000	102	48	0.015

NEXT

VM READ

AFFIDAVIT OF PUBLICATIO..

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL,
GAS AND MINING, DEPART-
MENT OF NATURAL RE-
SOURCE, STATE OF UTAH

IN THE MATTER OF THE AP-
PLICATION OF WINTERSHALL
OIL & GAS CORPORATION FOR
ADMINISTRATIVE APPROVAL
TO INJECT WATER INTO WELL
NO. 3-32, SECTION 3, TOWN-
SHIP 38 SOUTH, RANGE 25,
EAST, SAN JUAN COUNTY,
UTAH

CAUSE NO. UIC-044

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

Notice is hereby given that
Wintershall Oil and Gas Cor-
poration, 5675 DTC Boulevard -
Suite 200, Englewood, Colorado
80111 has requested adminis-
trative approval from the Di-
vision to convert the Nancy
Federal No. 3-32 well located
in the SW1/4 NE1/4, Section 3,
Township 38 South, Range 25
East, San Juan County, Utah to
a water disposal well as follows:

INJECTION INTERVAL: Ismay
Formation 5546 feet to 5600 feet
MAXIMUM INJECTION PRES-
SURE: 3000 psi

MAXIMUM INJECTION RATE:
2592 Barrels per day

This application will be granted
unless objections are filed with
the Division of Oil, Gas and
Mining within fifteen days after
publication of this Notice. Ob-
jections, if any, should be mailed
to: Division of Oil, Gas and
Mining, 4241 State Office Build-
ing, Salt Lake City, Utah 84114.

DATED this 27th day of August,
1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING

s/ MARJORIE L. LARSON
Administrative Assistant
Published in The San Juan Record
September 5, 1984.

I, Joyce Martin, ng duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice for Administrative Approval, Cause
No. UIC-044

a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of 1 issues, the first
publication having been made on September 5, 1984.
and the last publication having been made on _____

Signature Joyce A. Martin
Publisher

Subscribed and sworn to before me this 5th
day of September, A.D. 1984.

Ingrid K Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

AFFIDAVIT OF PUBLICATIO..

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL,
GAS AND MINING, DEPART-
MENT OF NATURAL RE-
SOURCE, STATE OF UTAH

IN THE MATTER OF THE AP-
PLICATION OF WINTERSHALL
OIL & GAS CORPORATION FOR
ADMINISTRATIVE APPROVAL
TO INJECT WATER INTO WELL
NO. 3-32, SECTION 3, TOWN-
SHIP 38 SOUTH, RANGE 25,
EAST, SAN JUAN COUNTY,
UTAH

CAUSE NO. UIC-044

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jections, if any, should be mailed
to: Division of Oil, Gas and
Mining, 4241 State Office Build-
ing, Salt Lake City, Utah 84114.

DATED this 27th day of August,
1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING

s/ MARJORIE E. LARSON
Administrative Assistant

Published in The San Juan Record
September 5, 1984.

RECEIVED

0 1984

DIVISION OF OIL
MINING

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Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
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publication having been made on September 5, 1984.
and the last publication having been made on _____

Signature

Joyce A. Martin
Publisher

Subscribed and sworn to before me this 5th
day of September, A.D. 1984.

Ingrid K Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

Affidavit of Publication

SEP 10 1984

STATE OF UTAH,
County of Salt Lake

ss.

DIVISION OF OIL
GAS & MINING

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-044

IN THE MATTER OF THE APPLICATION OF WINTERSHALL OIL & GAS CORPORATION FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 3-32, SECTION 3, TOWNSHIP 38 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH.

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

Notice is hereby given that Wintershall Oil and Gas Corporation, 5675 DTC Boulevard, Suite 200, Englewood, Colorado 80111 has requested administrative approval from the Division to convert the Nancy Federal No. 3-32 well located in the SW1/4 NE1/4, Section 3, Township 38 South, Range 25 East, San Juan County, Utah to a water disposal well as follows:

INJECTION INTERVAL: Ismay Formation 5540' to 5600'
 MAXIMUM INJECTION PRESSURE: 3000 psi
 MAXIMUM INJECTION RATE: 2592 Barrels per day

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

DATED this 27th day of August, 1984.

MARJORIE L. LARSON
 Administrative Assistant

D-34

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

..... Cause No. UIC-044 - Application of Wintershall
..... Oil and Gas Corporation.....

..... was published in said newspaper on.....

..... September 4, 1984.....

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this7th..... day of
.....September..... A.D. 19..84...

Marjorie L. Larson
Notary Public

My Commission Expires

.....July 23, 1986.....

Affidavit of Publication

SEP 10 1984

STATE OF UTAH,
County of Salt Lake

SS.

DIVISION OF OIL
GAS & MINING

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-044

IN THE MATTER OF THE APPLICATION OF WINTERSHALL OIL & GAS CORPORATION FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 3-32, SECTION 3, TOWNSHIP 38 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH.

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.....Oil and Gas Corporation.....

was published in said newspaper on.....

.....September 4, 1984.....

Cheryl Gierloff
Legal Advertising Clerk

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.....September..... A.D. 19..84....

Joyce L. Marlow
Notary Public

My Commission Expires

.....July 23, 1986.....

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-044
OF WINTERSHALL OIL & GAS
CORPORATION FOR ADMINISTRATIVE :
APPROVAL TO INJECT WATER INTO :
WELL NO. 3-32, SECTION 3, :
TOWNSHIP 38 SOUTH, RANGE 25 EAST, :
SAN JUAN COUNTY, UTAH :

---ooOoo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
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Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

DATED this 27th day of August, 1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Larson
MARJORIE L. LARSON
Administrative Assistant

Publication was sent to the following:

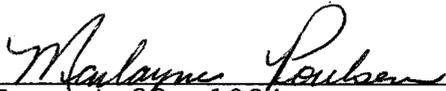
Newspaper Agency
San Juan Record

Utah State Department of Health
Water Pollution Control
ATTN: Jerry Riding
150 W.N. Temple
Salt Lake City, Utah 84114

U.S.Environmental Protection Agency
1860 Lincoln Street
Attn: Mike Strieby
Denver, Colorado 80295

Bureau of Land Management
Branch of Fluid Minerals
U-(922)
University Club Building
136 East South Temple
Salt Lake City, Utah 84111
% Ed Gwynn

Wintershall Oil and Gas Corporation
5675 DTC Boulevard - Suite 200
Englewood, Colorado 80111


August 28, 1984



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

Newspaper Agency
Legal Advertizing
143 South Main
Mezzanine Floor
Salt Lake City, Utah 84111

RE: Cause No. UIC-044

Gentlemen:

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 5th day of September. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie Larson
ja
MARJORIE L. LARSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

San Juan Record
Legal Advertizing
Monticello, Utah 84535

RE: Cause No. UIC-044

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Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script, appearing to read 'Marjorie Larson'.

for
MARJORIE L. LARSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 28, 1984

Wintershall Oil & Gas Corporation
5675 DTC Boulevard
Suite 200
Englewood, Colorado 80111

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-044

Administrative approval is hereby granted to convert the below referenced well to a water disposal well. This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

Nancy Federal No. 3-32
Section 3, Township 38 South, Range 25 East, San Juan County,
Utah.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

A handwritten signature in cursive script, appearing to read "Dianne R. Nielson".

Dianne R. Nielson
Director

DN/CBF/mfp
010

5675 DTC Boulevard, Suite 200
Englewood, Colorado 80111 U.S.A.

Wintershall
Oil and Gas Corporation
Englewood, Colorado

January 14, 1985

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Marlayne Poulson

RECEIVED
JAN 16 1985

Re: Water Disposal in Nancy Federal 3-32
Sec. 3-38S-25E
San Juan Co. UT

DIVISION OF
OIL, GAS & MINING

Water injection for disposal purposes has not begun due to delays in equipment deliveries and weather problems. Initial injection is anticipated March 1985. Commencement notices will be filed at that time.

Sincerely,

Kim Lucks

Kim Lucks
Wintershall Oil and Gas Corp.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
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 GAS WELL OTHER **Salt Water Disposal Well**

2. NAME OF OPERATOR
Wintershall Oil and Gas Corporation (303) 694-0988

3. ADDRESS OF OPERATOR
5675 DTC Blvd., Suite 200, Englewood, Co. 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1960' FNL & 1780' FEL (SWNE)

14. PERMIT NO.
43-037-30898

15. ELEVATIONS (Show whether of top of casing)
5,383' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Little Nancy

8. FARM OR LEASE NAME
Nancy Federal

9. WELL NO.
3-32

10. FIELD AND POOL, OR WILDCAT
Nancy

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
3-38S-25E SLBM

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

RECEIVED

JUL 22 1985

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"/>
(Other) <input type="checkbox"/>	Lay Fuel Line <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Request permission to lay 2" plastic low pressure fuel line from Nancy 1-3 Well Central Production Facility to Nancy 3-32 Salt Water Disposal Well. Fuel line will be 0.8 miles long and buried 18"-24" deep with a Ditch Witch type machine. Fuel line will be enclosed in steel casing and buried 3' deep where it crosses the county road.

All construction will be in previously disturbed and archaeologically cleared areas. Pipeline corridor was archaeologically cleared by Powers Elevation and LaPlata Archeological Consultants for well, pipeline, and road projects during December, 1981 - July, 1983. Rich McClure concurred with proposal during onsite on June 25, 1985.

Permission to cross county road and Texaco right-of-way attached.

Pipeline corridor will be reseeded with 3 lb/ac western wheatgrass, 1 lb/ac fourwing saltbush, and 1 lb/ac wild sunflower.

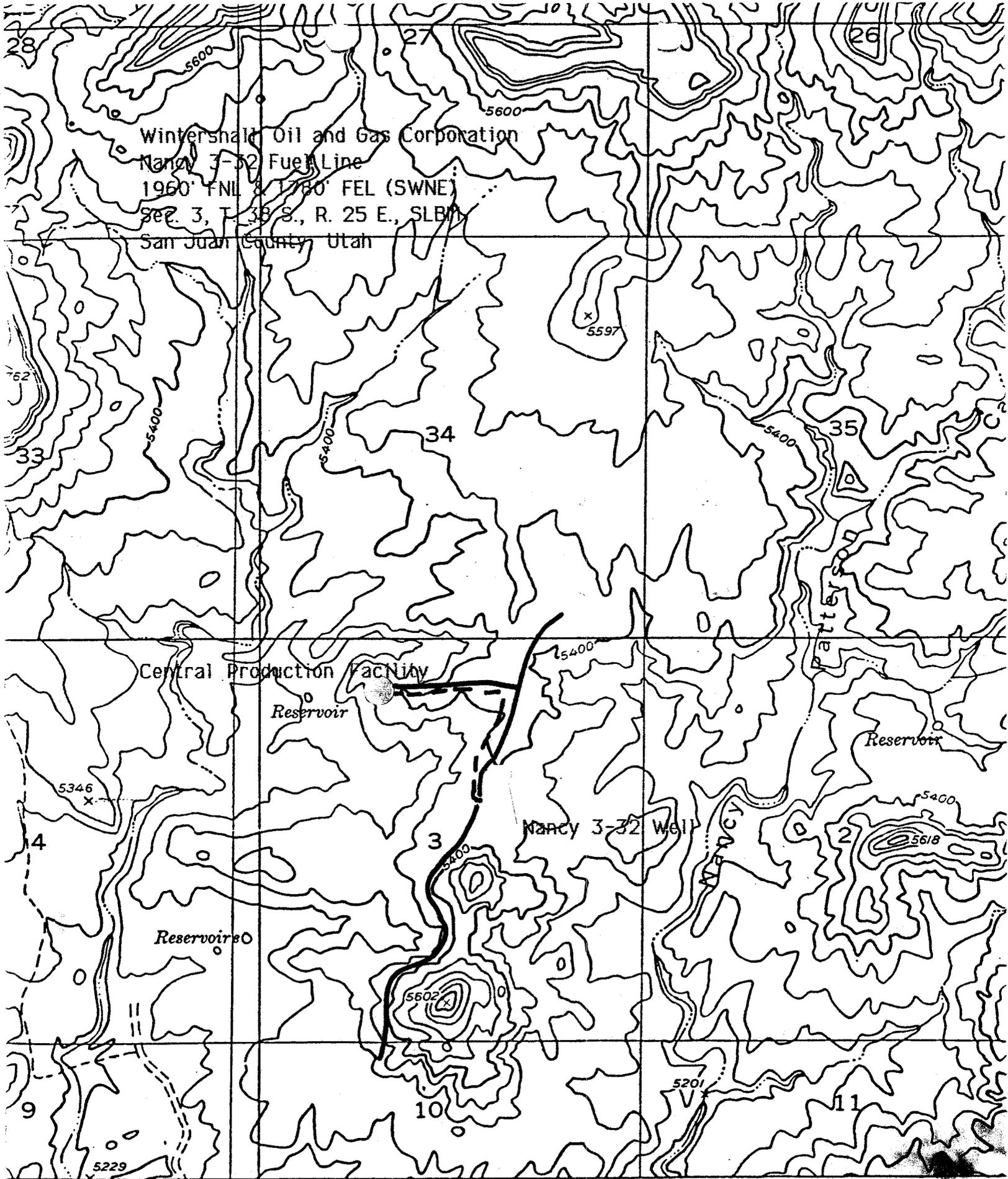
18. I hereby certify that the foregoing is true and correct
SIGNED *Walter P. Howell* TITLE Operations Manager DATE 7-17-85

(This space for Federal or State office use)
APPROVED BY *Clayton B. Feightner* TITLE NIC Manager DATE 7-23-85

CONDITIONS OF APPROVAL, IF ANY:
cc: BLM (3), Ut. Div. of Oil, Gas, & Mining (2)

*See Instructions on Reverse Side

Wintershall Oil and Gas Corporation
Nancy 3-32 Fuel Line
1960' FNL & 1780' FEL (SWNE)
Sec. 3, T. 39 S., R. 25 E., SLBM
San Juan County, Utah



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1958

1 MILE

Fuel Line - - -

Roads ———

ROAD C

To Whom It May Concern:

Texaco Trading and Transportation Inc. (formerly Getty Trading and Transportation Co. and Wesco Pipeline Company) hereby grants Wintershall Oil and Gas Corporation permission to use right-of-way U-51323 to bury a 2" fuel line from the Nancy 1-3 well to the Nancy 3-32 well.

J. E. Fagan

J.E. "Jim" Fagan, Colorado-Utah District Manager
Texaco Trading and Transportation Inc.

7/1/85

Date

SAN JUAN COUNTY ROAD DEPARTMENT

Application for Right-of-Way Encroachment Permit

DATE: June 26, 1985

TO: Road Supervisor
San Juan County Road Department

Application is hereby made by: (1) Wintershall Oil and Gas Corporation

Address (2) 5675 DTC Blvd., Suite 200, Englewood, Co. 80111

Telephone Number: 303-694-0988 for permission to do the following:

(3) To lay a 2" plastic low pressure gas line for 0.4 mi. along county road. Pipe will be 2' deep and 5' outside of borrow ditch, except at crossing which will be 3' deep and in 4" steel casing. Pipeline will be posted with signs.

(4) Location: _____

Bug Park - county road to be used is shown on attached map.

City N/A County San Juan State Ut.

or U. S. Highway No. N/A Milepost No. N/A

in accordance with the attached plan. (5)

(6) Construction will begin on or about July 15, 1985

and will be completed on or before Aug. 31, 1985

If the proposed installation requires breaking of the pavement, give the following information:

Paved county roads will not be used.

a. Type of pavement: _____

b. The opening to be made will be _____ feet long
by _____ feet wide and _____ feet deep.

c. A bond in the amount of \$ _____ has been posted with

_____ Telephone No. _____

to run of a term of three (3) years after completion of work to guarantee satisfactory performance.

(7) If this permit is granted, we agree to comply with all conditions, restriction, and regulations as contained in the "Regulations for the Control nad Protection of State Highway Rights-of-Way", approved by the Utah State Road Commission on October 8, 1962, and all revisions thereto or Regulations adopted by the San Juan County Commission.

(8) In approving this application and locations of utilities, and effort will be made to approve only locations that will not be effected in the event that San Juan County changes the roadway. But, in situations in which the utility has to be moved, this moving shall be done by the utility company or paid for by the company.

(9) For any and all applications requesting authority to Vibroseise, applicants shall:

a. Provide map showing where vibroseising will take place.

b. Agree to repair any damages or replace any property damaged.

c. Take full responsibility or proper flagging and traffic control.

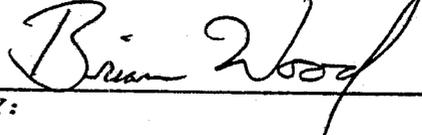
d. Agree that Vibroseising done in the area of dirt roads shall done on the dirt road rather than in the bar ditch to minimize damage.

e. Provide a schedule of the planned work and estimated dates of completion.

f. Attach written permission form all adjacent fee-title owners.

g. The San Juan County Commission has authorized the San Juan County Road Superintendent (or his Assignees) to issue permits.

(10) San Juan County can only grant permission to the extent that the County has the aurohrity to do so and the permission granted hereunder is limited to the interest of authority actually owned by San Juan County and no warranties of ownership or authority to grant permission is expressed or implied by the granting of this permit.


BY: _____

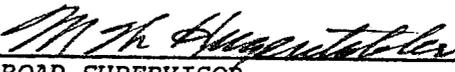
Consultant
TITLE

To be filled in by Road Supervisor.

(1) Permit should be granted _____

Permit should not be granted _____

(2) Additional requirements which should be imposed.


ROAD SUPERVISOR

INSTRUCTIONS

(1) *Application for this permit should be made in duplicate by whoever will actually do the work whether it be the owner or a contractor.

(2) Mailing address of applicant.

(3) State fully and completely the type or installaion, type of construction, width, thickness, drainage data, etc., where applicable. If pole line, give the following information: number of poles, total length of line, type of wire, character of service, vertical clearance over roadway, and voltage of power line.

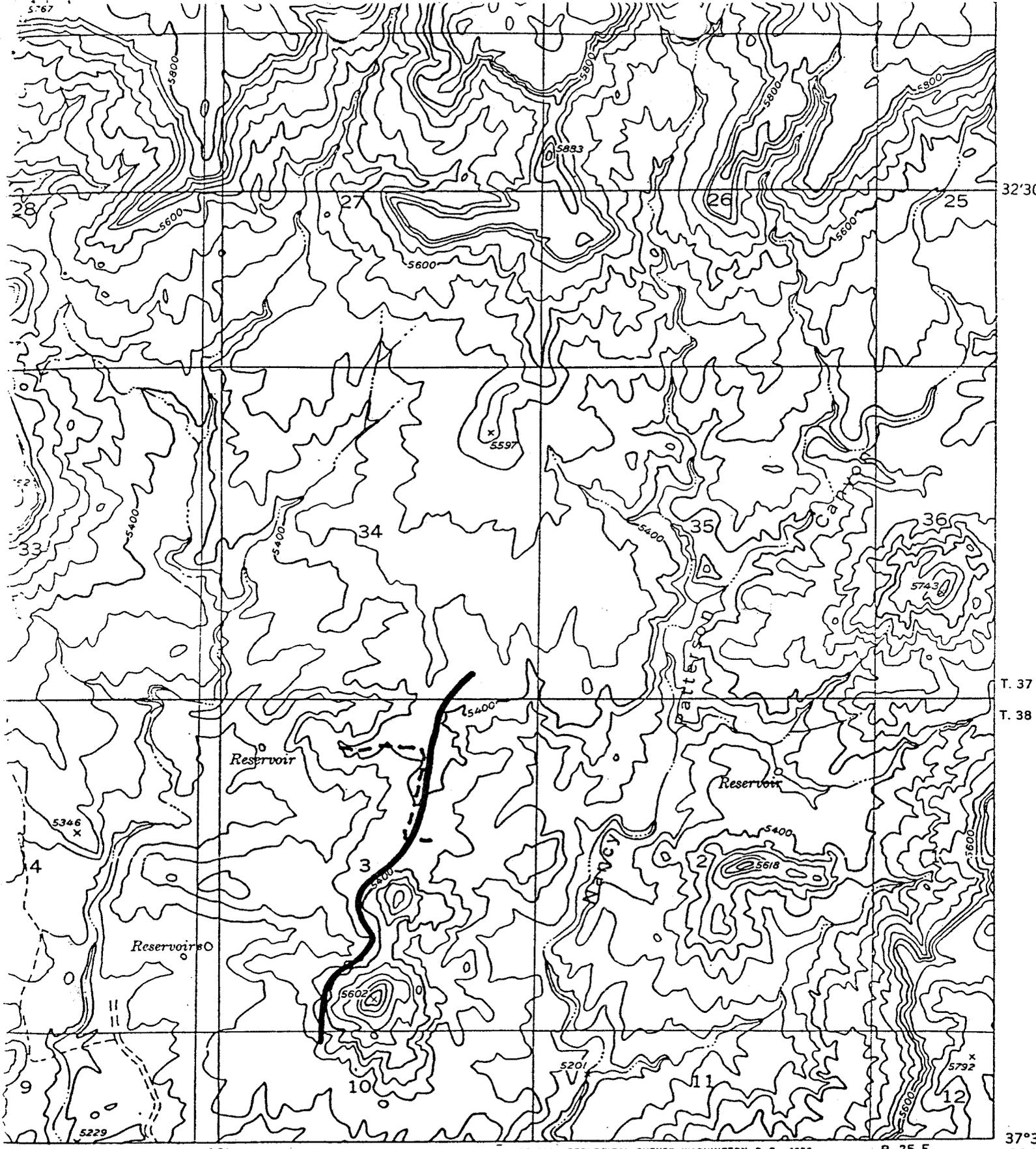
(4) If pipe line or buried cable, give the follwing information: Type of service, size and length of line, depth of trench, kind of pipe, (sewer, gas, oil, water supply, etc.) or conduit, and if pipe is to be driven or if pavement will be broken. All fluid lines requires encasement with suitable material. The size and length of encasement shall be satisfactory to the State Department of Transportation, San Juan County Road Supervisor or his agent.

(5) Give distance from some geographical point such as intersecting highways, city, or coporate limits. Give city, county, and state or U. S. route number.

(6) Attach two (2) copies of a plan showing proposed location of structures with reference ot pavement and right-of-way lines. If installation crosses the highway, show cross section of present roadway and proposed installation.

(7) Give anticipated dates for beginning and for completion of proposed installation.

Note: A fee of five (5) dollars will be charged for all Right-of-Way Encroachments Permits, except those obtained for pole lines, and buried cable lines. This Permit fee, where applicable, should be submitted with the application. The costs of inspection are included in the Right-of-Way Encroachment Permit fee, except for pole lines, pipe lines, and buried cable lines which shall be billed for the inspection.



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1958

R. 25 E. 109°07'30"



COUNTY ROAD 
 PIPELINE 

ROAD CLASSIFICATION
 Improved  Unimproved 

VERDURE 4 SW, UTAH

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED

SEP 12 1985

RULE 1-7 (d & e)

DIVISION OF OIL
& MINING

NOTICE OF (COMMENCEMENT) (~~TERMINATION~~) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/Termination 08/01/85

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name Nancy Federal 3-32

Location: Section 3 Twp. 38S Rng. 25E, County San Juan

Order No. authorizing Injection No. UIC-044 Date September 28, 1984

Zone into Which Fluid Injected Ismay 5546 to 5600

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Wintershall Oil and Gas Corporation

Address 5675 DTC Blvd., Stu 200
Englewood, Colorado 80111

John W. Lowry
Signature John W. Lowry
Area Superintendent

September 9, 1985
Date

CC: Dave Howell

File
INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF

CAUSE NO. _____

ADDRESS _____
 _____ ZIP _____
 INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION _____
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE _____ WELL
 SEC. _____ TWP. _____ RANGE _____
 _____ COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input checked="" type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name Nancy Federal	Well No. 3-32	Field Nancy	County San Juan
Location of Enhanced Recovery Injection or Disposal Well <u>SWNE</u> Sec. <u>3</u> Twp. <u>38S</u> Rge. <u>25E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>7-13-84</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>0</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What oil-gas <u>oil-gas</u>
Location of Injection Source(s) <u>offset producers</u>		Geologic Name(s) and Depth of Source(s) <u>Ismay 5400'</u>	
Geologic Name of Injection Zone <u>Ismay</u>		Depth of Injection Interval <u>5546</u> to <u>5600</u>	
a. Top of the Perforated Interval: <u>5546</u>	b. Base of Fresh Water: <u>0</u>	c. Intervening Thickness (a minus b) <u>5546</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>XXXX YES</u> NO			
Lithology of Intervening Zones <u>Shale</u>			
Injection Rates and Pressures Maximum <u>2592</u> B/D <u>3000</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Wintershall Oil and Gas Corporation</u> <u>5675 DTC Boulevard - Suite 200</u> <u>Englewood, CO, 80111</u>			

State of _____)

Applicant

County of _____)

Before me, the undersigned authority, on this day personally appeared _____
 known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
 oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
 therein, and that said report is true and correct.

Suscribed and sworn to before me this _____ day of _____, 19 _____

SEAL

My commission expires _____

Notary Public in and for _____

(OVER)

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY LEASE NO.

API NO. 43-037-30898
640 Acres
N

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114
San Juan

COUNTY San Juan SEC. 3 TWP. 38S RGE. 25E

COMPANY OPERATING Wintershall O & G Corp.

OFFICE ADDRESS 5675 DTC Blvd. - Ste #200

TOWN Englewood STATE CO ZIP 80111

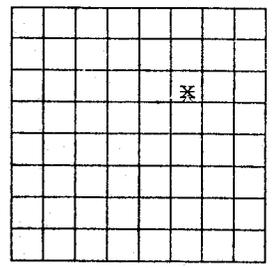
FARM NAME Nancy Federal WELL NO. 3-32

DRILLING STARTED 6-1 19 83 DRILLING FINISHED 6-14 19 83

DATE OF FIRST PRODUCTION none COMPLETED 7-14-84

WELL LOCATED NE 1/4 SW 1/4 NE 1/4
680 FT. FROM SW OF 1/4 SEC. & 860 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 5396 GROUND 5383



Locate Well Correctly and Outline Lease

TYPE COMPLETION

Single Zone X

Multiple Zone _____

Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5446	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
8.625	24 ^{lb} / _{ft}	J-55	1366		690		surface
5.5	15.5	J-55	5704	2000	200	308 ft. ³	4694 ^t

TOTAL DEPTH 5704

PACKERS SET DEPTH 5500

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Ismay		
SPACING & SPACING ORDER NO.	40 acre		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Disposal		
PERFORATED	5546-53		
INTERVALS	5574-84		
	5592-5600		
ACIDIZED?	5546-53 only 2750 gal 28% HCl		
FRACTURE TREATED?	no		

INITIAL TEST DATA

Date	7-17-83		
Oil, bbl./day	0		
Oil Gravity	NA		
Gas, Cu. Ft./day	0	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	NA		
Water-Bbl./day	260		
Pumping or Flowing	Swabbing		
CHOKE SIZE	NA		
FLOW TUBING PRESSURE	0		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

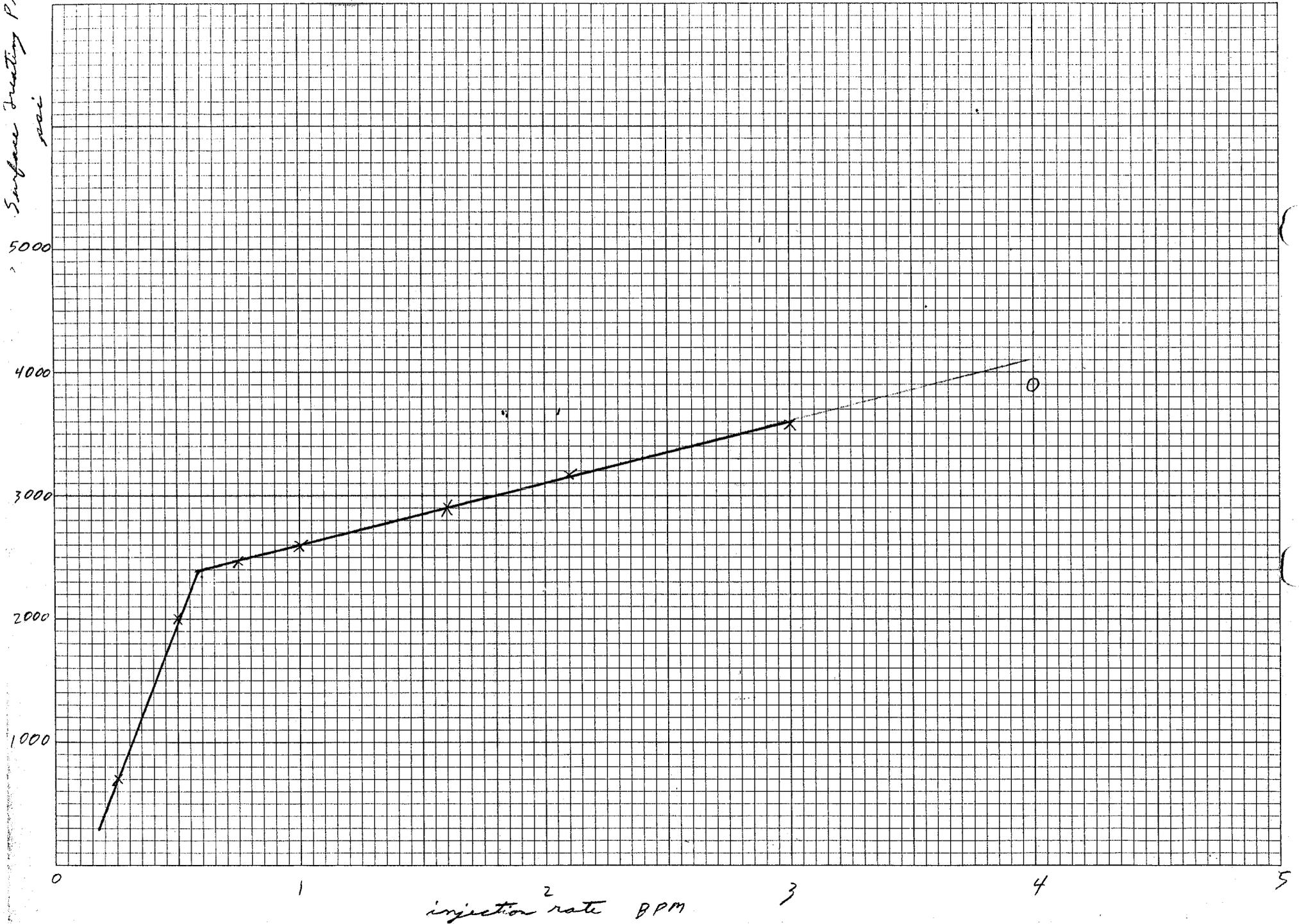
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone _____ Name and title of representative of company _____

Subscribed and sworn before me this _____ day of _____, 19 _____

Injectivity Test 7-14-84

Nancy Fed 3-32



Nancy Federal 3-32
1960' FNL + 1780' FEL
Sec 3-38 & -25 E
San Juan Co., UT

GR 5383
KB 5395
TD 5704
PBD 5620

spudded 6-1-83
completed

surface casing

33 jts 8.625" 24 $\frac{11}{16}$ J-55 ST&C set @ 1766'
12.25" hole cmt w 390 ex Howco lite +
.5 pps floccle + 6.25 pps gilsonite + 2% CaCl₂
tailed w. 300 ex class "B" + .5 pps floccle +
6.25 pps gilsonite + 2% CaCl₂
circulated cmt

4694 tp cmt

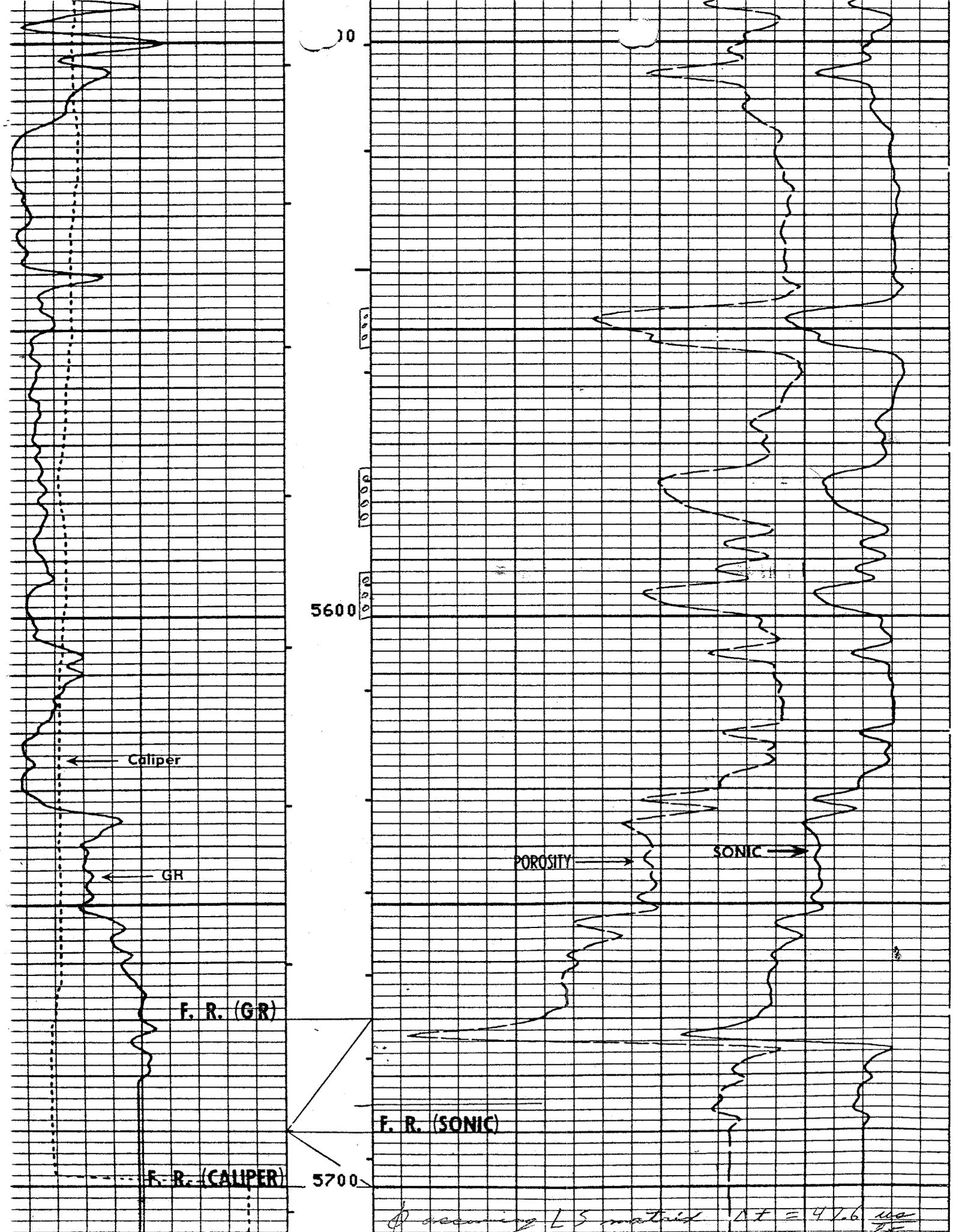
long string

138 jts 5.5" 15.5 $\frac{11}{16}$ J-55 ST&C 7.875" hole
(5704' TE) 43.67' shoe jt set @ 5704
cmt w 200 ex class "H" self-stress - Dowell
TDC 4694 ft yield 1.54

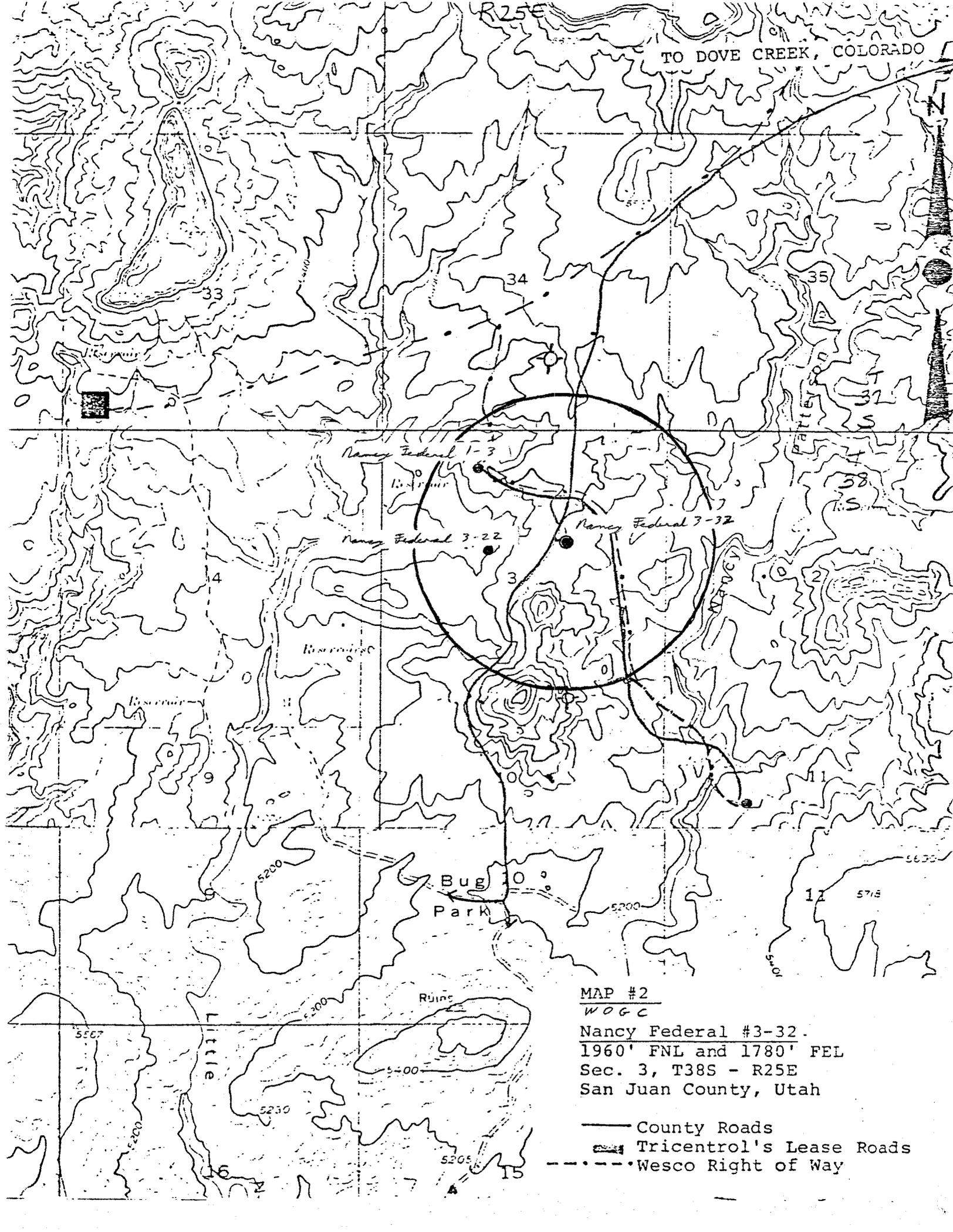
267 2.875" 6.5 $\frac{11}{16}$ N-80 landed @ 5532' w
Mountain States phr mdr CS-1 set @ 5500'

perf 5546-53 2 spf 4" casing gum
5574-84 4 spf "
5592-5600 " "

5704



TO DOVE CREEK, COLORADO



MAP #2
WOGC

Nancy Federal #3-32
1960' FNL and 1780' FEL
Sec. 3, T38S - R25E
San Juan County, Utah

- County Roads
- ▬ Tricentrol's Lease Roads
- - - - - Wesco Right of Way



DENVER REGION

API WATER ANALYSIS REPORT FORM

LABORATORY LOCATION

DATE

CORTEZ,
COLO.

LAB NO.

Company <i>Wintershall</i>		Sample No.	Date Sampled <i>7/12/84</i>	
Field	Legal Description		County or Parish <i>San Juan</i>	State <i>Utah</i>
Lease or Unit	Well # <i>3-21</i>	Depth	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point		Sampled By

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<i>26177</i>	<i>1151</i>
Calcium, Ca	<i>41,000</i>	<i>2050</i>
Magnesium, Mg	<i>4,000</i>	<i>320</i>
Barium, Ba		

Titer Sample OTHER PROPERTIES

ml	ml	pH	
			<i>6.0</i>
		Specific Gravity, 60/60 F.	<i>1.162</i>
		Resistivity (ohm-meters) <i>75° F.</i>	<i>0.05</i>

ANIONS

	mg/l	me/l
Chloride, Cl	<i>125,000</i>	<i>3500</i>
Sulfate, SO ₄	<i>630</i>	<i>13</i>
Carbonate, CO ₃		
Bicarbonate, HCO ₃	<i>1350</i>	<i>22</i>

Total Dissolved Solids (calc.)

Iron, Fe (total)

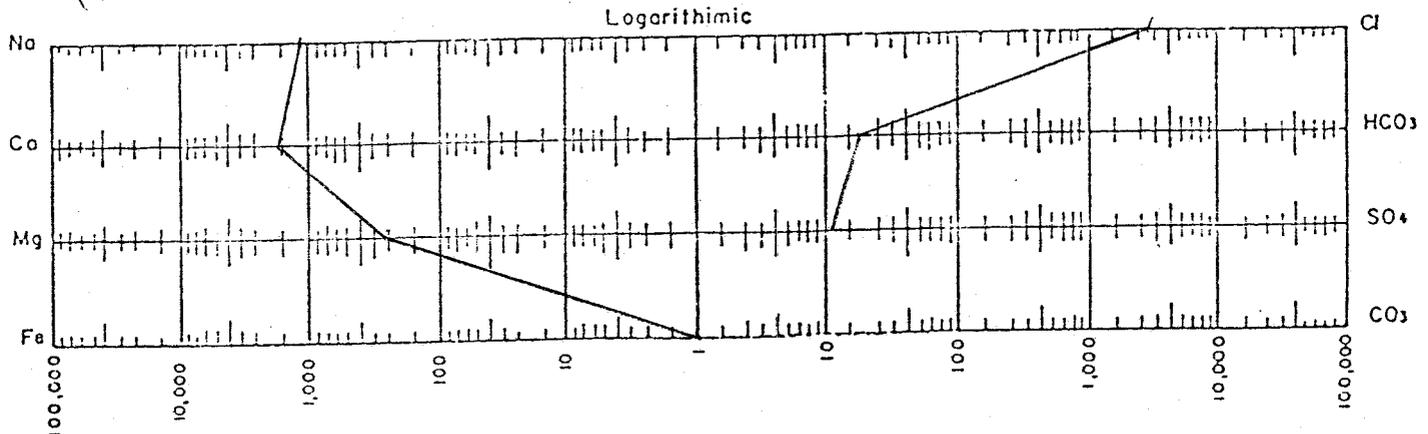
Sulfide, as H₂S

<i>trace</i>	

REMARKS & RECOMMENDATIONS:

1-3 (3-21)

WATER PATTERNS — me/l





DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

Nancy Fed 11-11

DENVER REGION

API WATER ANALYSIS REPORT FORM

LABORATORY LOCATION

DATE

CORTEZ,
COLO.

LAB NO.

Company <i>Winterhall</i>		Sample No.		Date Sampled <i>7/12/84</i>	
Field		Legal Description		County or Parish State	
Lease or Unit		Well <i>11-11</i>		Depth	
Type of Water (Produced, Supply, etc.)		Formation		Water, B/D	
Type of Water (Produced, Supply, etc.)			Sampling Point		Sampled By

DISSOLVED SOLIDS

Titer Sample OTHER PROPERTIES

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<i>28518</i>	<i>1231</i>
Calcium, Ca	<i>43500</i>	<i>2175</i>
Magnesium, Mg	<i>2100</i>	<i>168</i>
Barium, Ba		

ml	ml	pH
		<i>6.1</i>
		Specific Gravity, 60/60 F. <i>1.1483</i>
		Resistivity (ohm-meters) <i>75 F.</i> <i>.051</i>

ANIONS

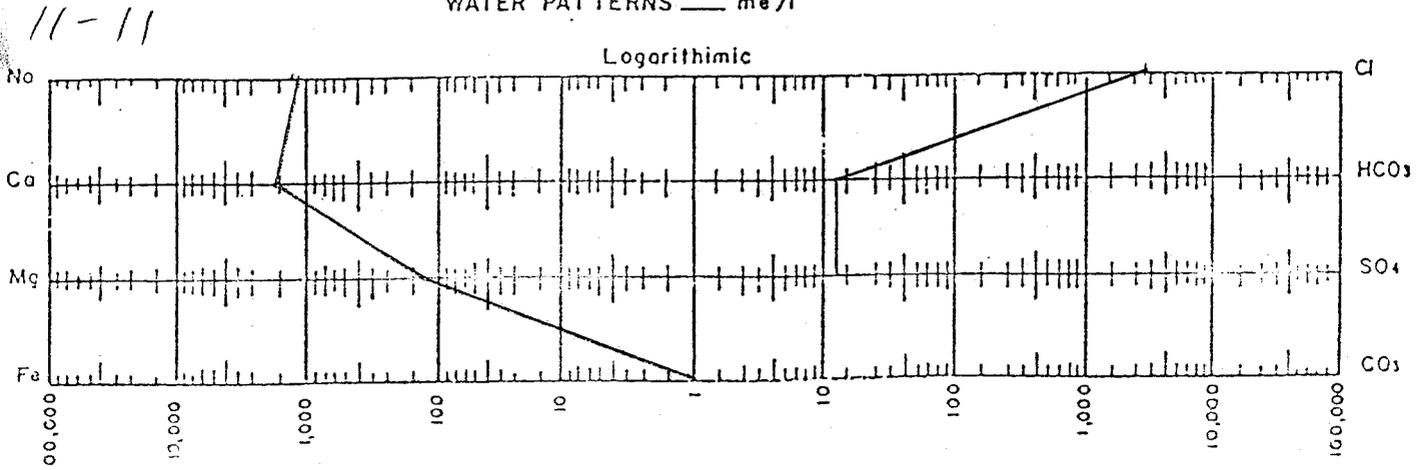
	mg/l	me/l
Chloride, Cl	<i>127000</i>	<i>3556</i>
Sulfate, SO ₄	<i>750</i>	<i>15</i>
Carbonate, CO ₃		
Bicarbonate, HCO ₃	<i>1100</i>	<i>18</i>

Total Dissolved Solids (calc.)

Iron, Fe (total) *trace*
Sulfide, as H₂S */*

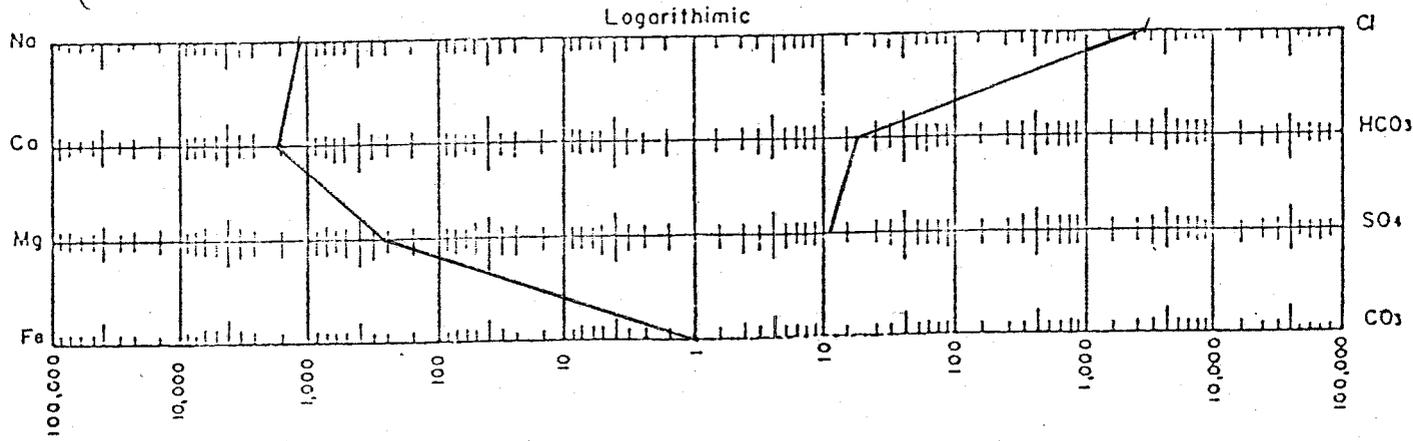
REMARKS & RECOMMENDATIONS:

WATER PATTERNS — me/l



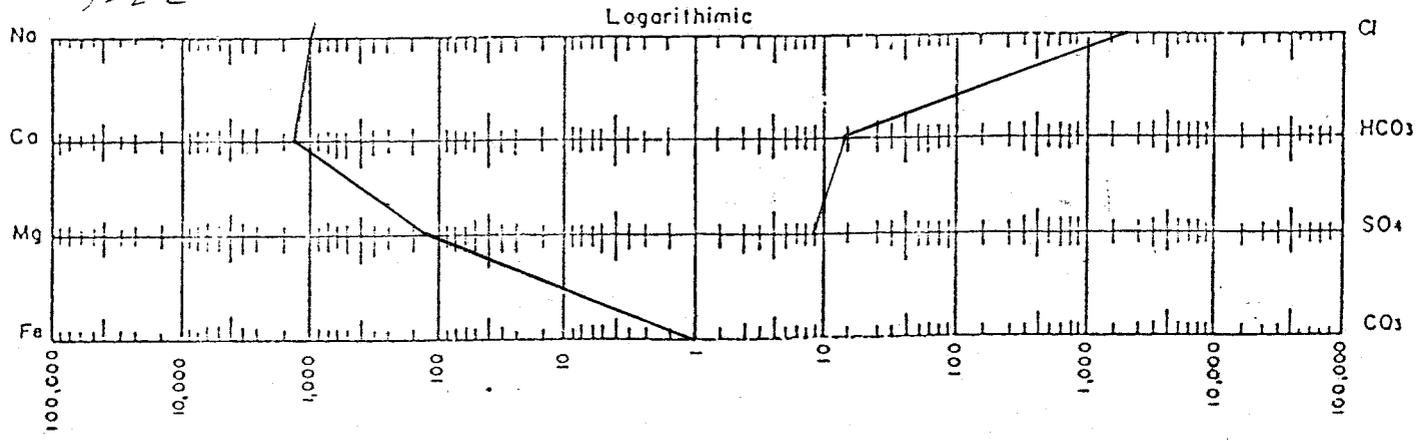
1-3 (3-21)

WATER PATTERNS — me/l



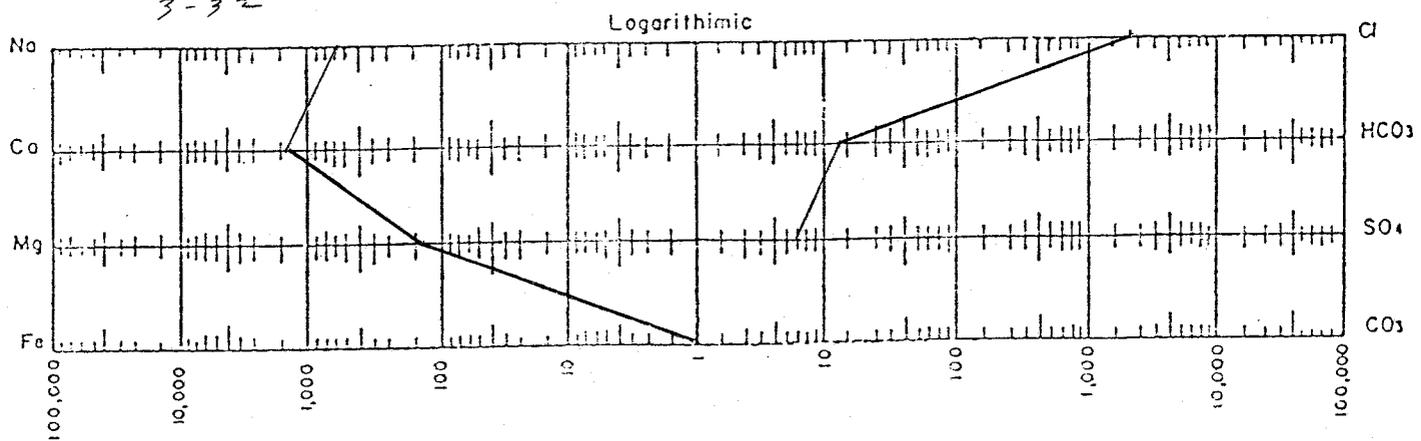
3-22

WATER PATTERNS — me/l



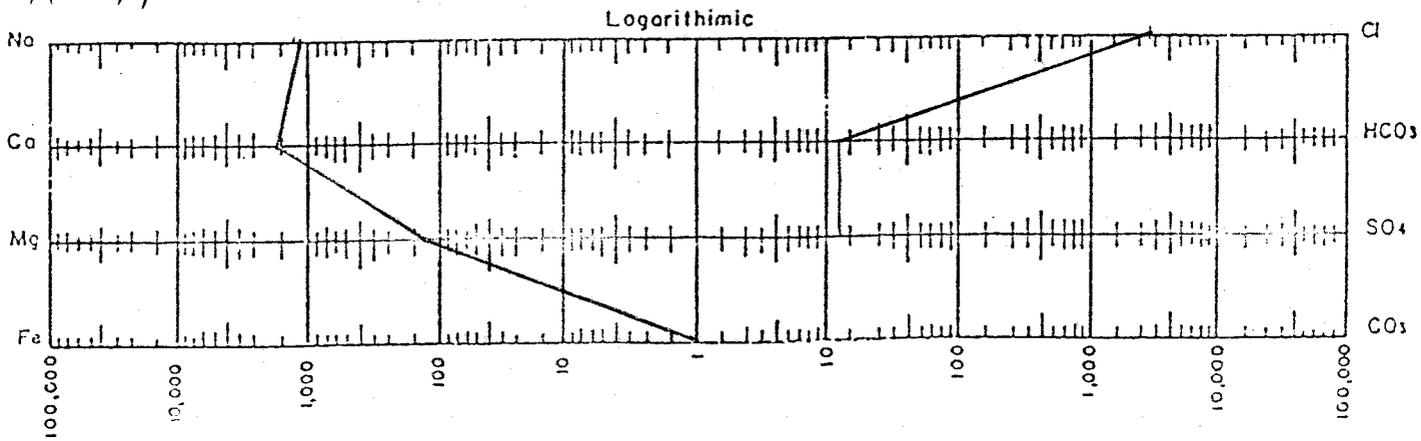
3-32

WATER PATTERNS — me/l



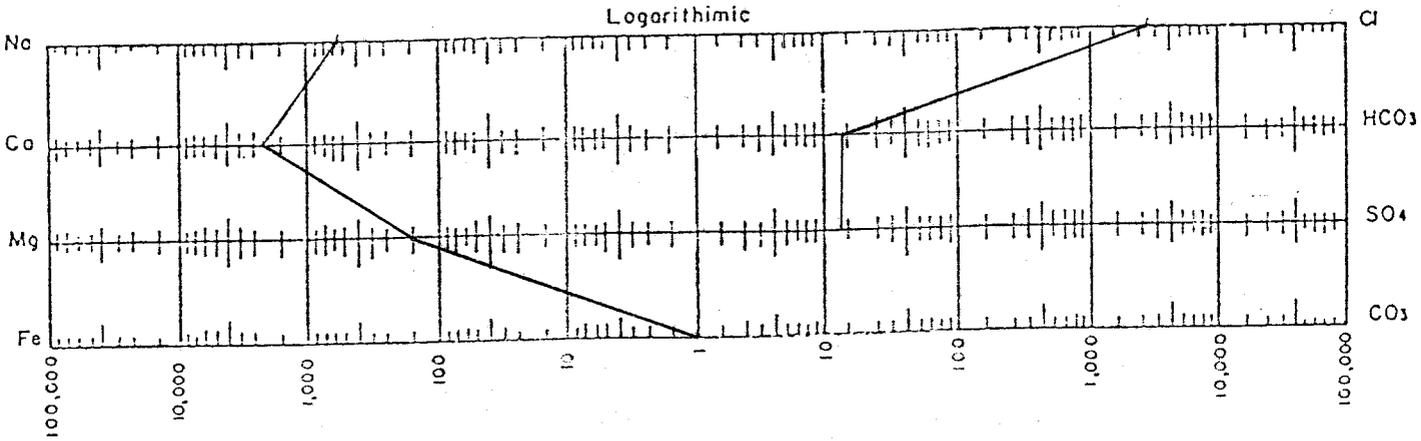
11-11

WATER PATTERNS — me/l



11-22

WATER PATTERNS — me/l



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Wintershall Well No. 3-32 Little Nancy Unit

County: San Juan T 385 R 25E Sec. 3 API# 43-037-30898

New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>125,000 CI</u>
Analysis of Water in Formation to be injected into	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<u>Same as above</u> TDS <u>above</u>
Known USDW in area	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Number of wells in area of review	<u>2</u> Prod.	<u>2</u> P&A
	Water <input type="checkbox"/>	Inj. <input type="checkbox"/>
Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<u>losing</u>
	Date <u>7/13/84</u>	Type <u>PT</u>

Comments: Inj. in prod. zone, pilot flood?

Reviewed by: [Signature]

IGT

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

RECEIVED
JUN 20 1983

**DIVISION OF
OIL, GAS & MINING**

INTERMOUNTAIN GEO TECH, INC.
P. O. Box 158
Delta, Colorado 81416
303-874-8614



Intermountain

GEO. TECH.

Your Hydrocarbon Well Logging Specialists

361 PALMER, P.O. BOX 158 DELTA, CO. 81416

(303)874-8614

June 12, 1983

TRICENTROL RESOURCES INC.

#3-32 Nancy Federal

San Juan County, Utah

Sec. 3, T38S, R25E

GL - 5382' KB - 5395'

Spud date 6/1/83 TD date 6/12/83

Surface Casing Set at 1362'

The #3-32 Nancy Federal well was spudded on 6/1/83 with a 12 $\frac{1}{4}$ " bit. Surface was drilled to a depth of 1376' in 2 days. Casing was run in to a depth of 1362'. On the 3rd of June surface casing was drilled out with a 7 7/8" bit. Drilling continued to a depth of 4565' on the 7th of June when a trip was made for a bit. Drilling resumed on the 7th of June with a new 7 7/8" bit and continued without delay to a depth of 5499' on the 10th of June when drilling was halted for Core #1 in the Paradox Shale. Core #1 was started higher than normal due to bit #3 beginning to cut very badly at that point. Core #1 was cut to a depth of 5559', 60' of core was cut with 54' recovered.

Gas increased of 280 Units and 270 units were noted while Core #1 was being cut. Core #2 was begun on 6/11/83 and 24' were cut with 21.6' recovered. Gas increase of 80 units and 150 units were noted during Core #2. Drilling with a 7 7/8" bit was resumed on 6/11/83 and drilling continued to a depth of 5700' when TD was reached at 12:40 AM on 6/12/83 and circulation was started to condition hole for "E" logs.

Logging was completed at approximately 9:30 PM on 6/12/83, making total time of drilling, running casing, drilling and logging of this well 12 days. No DST'S were ordered for this well reducing completion date by at least one (1) full day. An excellent record for which the crews and drilling contractor should be commended.

Dave Meade
Geologist - IGT

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

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2. Bit Record Sheet	2
3. Deviation Record Sheet	3
4. DST & Show Sheet	4-7
5. Core Sheets	8-9

- (1) Copy, Final Mud Log (5"=100')
- (1) Copy, Final Mud Log (2.5"=100')

DRILLING CONTRACTOR: Coleman Rig #2
Farmington, New Mexico

DRILLING FOREMAN: Mr. Kelton Mann

GEO TECHNOLOGISTS: Mr. Nick Larkin
Mr. Dale Lockhart
Mr. Dave Meade
Intermountain GEO TECH, Inc.
Delta, Colorado

DRILLING FLUID: Mr. Don Bryant
Drilling Mud Inc.
Cortez, Colorado

DRILL STEM TESTS:

COREING: Mr. Morgan Clark
NL Hydrolog
Vernal, Utah

WIRE LINE LOGS: Mr. Tom Link
Schulmberger Well Service
Farmington, New Mexico

OTHER (Specify): Mr. Ric Kopp
Tricentrol
Denver, Colorado

TRICENTROL RESOURCES INC.
 3-32 Nancy Federal
 Sec. 3, T38S, R25E
 San Juan County, Utah

SUMMARY OF DAILY ACITIVITY

DATE	ACTIVITY	MIDNITE DEPTH	24 HOUR FOOTAGE
6/06/83	Unit #4 on location, rigged up, Drlg	---	-----
6/07/83	Drlg, Survey, TOH NB #3	4173	555
6/08/83	Drlg, Survey	4728	460
6/09/83	Drlg,	5188	285
6/10/83	Drlg - TOH for Core #1 TIH W/Core bbl, Coring	5473	86
6/11/83	TOH W/core #1, lay down Core #1, TIH for Core #2		
	Coreing TOH W/core #2, TIH w/bit Drlg	5559	135
6/12/83	Drlg to TD, Cir for "E" Logs, TOH for logs, Logging	5694	6
	Unit #4 released 12:00 P.M. 6/12/83	5700	

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

BIT RECORD

BIT	MAKE	SIZE	TYPE	DEPTH OUT	FOOTAGE USED	HOURS
1	Smith	12 1/4	F-3RR	1376	1246	25 1/4
2	HTC	7 7/8	J-22	4565	3189	77 3/4
3	Smith	7 7/8	F-3RR	5499	934	55 1/4
4	Core Head	---	---	5585	86	13
5	STC	7 7/8	F-3	5700	---	---

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

DEVIATION SHEET FOR WELL. . .

DEPTH	DEVIATION (Dev)
204	3/4°
694	1°
1734	2 1/4°
2234	1 1/4°
2761	1/2°
3254	0°
3755	0°
4255	0°
4754	1 1/4°
5313	1°
5499	1 1/2°

Intermountain GEO TECH
DST & SHOW SHEET

SHOW # 1 INTERVAL 5162 TO 5164 DATE 6/9/83

COMPANY: TRICENTROL RESOURCES INC.

WELL: 3-32 Nancy Federal

FIELD: Wild cat Nancy

	BEFORE SHOW	DURING SHOW	AFTER SHOW
DRILLING RATE	8	5	10
TOTAL GAS UNITS	1	15	1
%METHANE	TR	.364	TR
%ETHANE		.072	
%PROPANE		.046	
%BUTANE (ISO)			
%BUTANE (NORM)			
%PENTANES			

SAMPLE LITHOLOGY: SLTST LTGY, MBRN, MARLY, BLKY, MFRM

SAMPLE FLUO-CUT: None

DST #	INTERVAL	TIME Min.	TO Top Chart	PRESSURE (psi)		DATE Bottom Chart

INITIAL HYDROSTATIC

INITIAL OPEN

INITIAL SHUT-IN

SECOND OPEN

SECOND SHUT-IN

FINAL HYDROSTATIC

BHT (°F):

1ST FLOW:

2NE FLOW:

REMARKS

DRILL PIPE RECOVERY:

SAMPLE CHAMBER REC:

	WT ppg	R/W	NITRATES ppm	CHLORIDES ppm	CHROMATES ppm
Drill Pipe: Top:	/	/ at	°F/	/	/
Middle:	/	/ at	°F/	/	/
Bottom:	/	/ at	°F/	/	/
SAMPLE CHMBR:	/	/ at	°F/	/	/
PIT MUD:	/	/ at	°F/	/	/

(GAUGED FLOW:)

GEO-TECHNOLOGIST: Dale Lockhart

Intermountain GEO TECH
DST & SHOW SHEET

SHOW # 2 INTERVAL 5546 TO 5556 DATE 6/10/83

COMPANY: TRICENTROL RESOURCES INC.

WELL: 3-32 Nancy Federal

FIELD: Wild Cat Nancy Federal

	BEFORE SHOW	DURING SHOW	AFTER SHOW
DRILLING RATE	28	8	30
TOTAL GAS UNITS	4	275	10
%METHANE	.03	2.08	.16
%ETHANE	.01	.5	.03
%PROPANE	TR	.33	.01
%BUTANE (ISO)		.02	
%BUTANE (NORM)		.07	
%PENTANES			

SAMPLE LITHOLOGY: LS GY, DKGY, CRYPTO - MICXLN, HD

SAMPLE FLUO-CUT: YEL - GN FLUOR YEL CUT

DST #	INTERVAL	TIME	TO	PRESSURE (psi)	DATE
		Min.	Top Chart		Bottom Chart

INITIAL HYDROSTATIC

INITIAL OPEN -----

INITIAL SHUT-IN -----

SECOND OPEN -----

SECOND SHUT-IN -----

FINAL HYDROSTATIC

BHT (°F): _____

1ST FLOW: _____

2NE FLOW: _____

REMARKS _____

DRILL PIPE RECOVERY: _____

SAMPLE CHAMBER REC:

	WT ppg	R/W	NITRATES ppm	CHLORIDES ppm	CHROMATES ppm
Drill Pipe: Top:	/	/ at	°F/	/	/
Middle:	/	/ at	°F/	/	/
Bottom:	/	/ at	°F/	/	/
SAMPLE CHMBR:	/	/ at	°F/	/	/
PIT MUD:	/	/ at	°F/	/	/

(GAUGED FLOW:)

GEO-TECHNOLOGIST: Dale Lockhart

TRICENTROL RESOURCES INC.
 3-32 Nancy Federal
 Sec. 3, T38S, R25E
 San Juan County, Utah

CORE #1 5499' to 5559' 60' Cored and 54' recovered.

DEPTH	SAMPLE DESCRIPTION
5499-5500	LS - GRY - GRY BRN, MIC - V FXLN, SLTY, SL DOLO, DNS TT
5500-5503	LS - A/A W/ANHY INCLU, STYOLITIC
5503-5504	DOLO - DK GY - BLK, MHD, MICXLN, SLTY VF LAMINA, CARB CALC, SOOTY, SUPPROPELIC IP
5504-5505	LS - DK GRY - GRY, MIC-VFXLN, SLTY, SL DOLO, ANHY'C DNS, TT
5505-5510	LS - A/A BCMG GRY BRN, BF, TR QTZXLN AT TOP BCMG V ANHY'C AT BTM
5510-5520	ANHY - CIR, WH, GRY, SM OPQ, HD, XLN, MAS, DNS, SM FRAC APP W/CALC FILL IN FRAC
5520-5528	ANHY - A/A INCR LS INCLU AT DEPTH, SM STNG IN FRAC
5528-5529	ANHY - A/A W/INTERBEDD LS, STYOLITS
5529-5531	ANHY - GRY, CLR, OPQ
5531-5533	ANHY - A/A W/INTERBEDD LS
5533-5535	ANHY - GRY, TRANS - CLR IP, DNS, XLN, TR STNG IN FRAC
5535-5536	ANHY - A/A, W/INTERBEDD LS - GRY, DNS, TT, MIC-VFXLN, DOLO'C
5536-5537	DOLO - BLK, MICXLN, DNS, SLTY, BARB, ANHY'C, SUPPROPELIC
5537-5539	LS - GRY, DKGY, MIC -CRPXLN, DNS, BRECCIATED, W/SM SH INCLU, INCR GY BRN W/DEPTH
5539-5540	LS - GRY BRN, A/A, W/ANHY INCLU
5540-5541	ANHY - BRY-WH, W/LS INCLU
5541-5543	LS - GRY BRN, MIC-VFXLN, MAS, DNS, VIS VUG POR, SM STNG R FLUO, V SL DULL YEL CUT, FBSS, W/ANHY & CALC FRAC FILLING
5543-5544	LS - A/A, VG YEL GN FLUO, G DULL YEL CUT
5544-5547	LS - A/A, F CUT & FLUO
5547-5548	DOLO - DK GY-BLK, MICXLN, DNS, SLTY W/ANHY INCLU, SUPPROPILIC, TR FLUO
5548-5551	LS - GY BRN, MICXLN, MAS, DNS, BRECCIATED, STYOLITES, W/ANHY INCLU NO VIS POR, NFSOC
5551-5553	DOLO - DK GRY- BLK, MICXLN, DNS, SLTY, SUPPROPELIC, W/LS & ANHY INCLU

TRICENTROL RESOURCES INC.
 3-32 Nancy Federal
 Sec. 3, T38S, R25E
 San Juan County, Utah

CORE #2 5559' to 5584' Cored 24' Recovered 21.6'

DEPTH	SAMPLE DESCRIPTION
5559-5562	LS - GRY, GY BRN, MIC -V FXLN, MAS, PRED DNS, TR VUG POR, ABUNDT CALC XLS, F-G YEL GN FLUO, R CUT, SM STNG, SM STYOLITES, SM FRAC
5562-5570	LS - A/A F VUG POR, 1/8" VUG F FRAC POR, G YEL GN FLUO, G STNG, CALC FILL IN FRAC G - DULL YEL CUT SM QTEXL APP, INCREASING BY BRECCIATED W/DEPTH
5570-5575	LS - PROD GY - MIC - VF XLN, MAS - DNS, F - G VNG POR 1/16" - 1/8" VNGS, F G FRAC POR, W/CALC XLS IN FRAC, well developed XLS, ABOUND FILLING F - G CUT F - G FLUO, G STN SM INTER CONN BUG POR, BRECCIATED VUG POR DECR W/DEPTH TR CRINOIDS
5575-5576	LS - A/A TR FLUO, TR STN VP CUT, V BRECCIATED, TR-R VRG POR
5576-5579	LS - GRY - GRY BRN, MIC - VFXLN, DNS, 1/8" to 1/4" VUG G VUG POR, G STN G YEL GN FLUO, G DULL YEL CUT, well developed CALC XLS in FRAC, B BRECCIATED, TR POSS QTZ XLS
5579-5581	LS - A/A TR VUG POR
	LS - GRY - GRY BRN, MIC-VFXLN, MAS, INCR BRECCIATED W/DEPTH R - G VUG & FRAC POR DECR W/DEPTH, ABOUND CALC FILL IN FRAC, PRED F - G YEL G M FLUO, F STNG, PRED'S DULL YEL CUT

COMPANY TRICENTRAL RESOURCES INC.
 LOCATION Honey Federal 3-32
 COUNTY San Juan STATE Utah
 FIELD Little Money in Sec. 3, T38N-R25E
 ELEVATION GL 5382' KB 9395'
 GEO TECHNOLOGISTS
 1 DALE LOCKHART 2 RICK LARKIN
 3 4

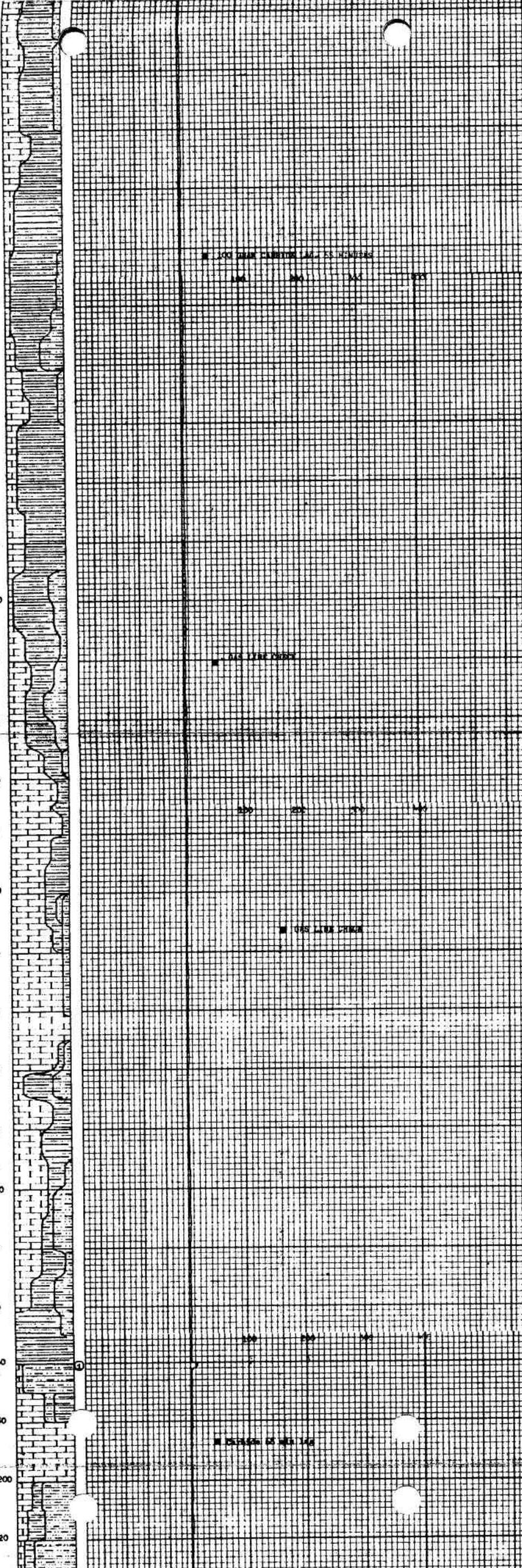
INTERMOUNTAIN GEO. TECH. INC.
 YOUR HYDROCARBON LOGGING SPECIALISTS
 361 PALMER, PO BOX 158 DELTA, COLORADO 81416

THIS IS YOUR SPECIALIZED LOG FOR PRODUCTIVE CARBONATES

LIMESTONE DOLOMITE SHALE SANDSTONE COAL ANHY-GYP SALT CHERT SLTSS
 HOTWIRE CHROMATOGRAPH GAS AIR PPM
 METHANE ETHANE PROPANE BUTANE PENTANE
 CO2 WBS RZ PPM /DUV

PENETRATION RATE MIN/FT <input type="checkbox"/> MIN/2FT <input type="checkbox"/>	INPT LITH	DEPTH	PER. CENT IN SAMPLE	HOTWIRE <input type="checkbox"/> CHROMATOGRAPH <input type="checkbox"/> GAS AIR PPM						CO2 WBS RZ PPM /DUV		SAMPLE DESCRIPTION REMARKS
				METHANE	ETHANE	PROPANE	BUTANE	PENTANE	HEXANE	WBS	RZ	
10		4900									UNIT #4 moved on location rigged up 6/06/83 10pm Started Logging 6/07/83 8.8 MW, 27 Vis Drilling with fresh water SH, PRED RD, ORNG, BRK, VOOL SFTFM, SLCALC SLTSTN, RD, SBN, SNDY IP WOB RPM PP SPM NO 65 1850 96 SH, PRED RD, ORNG, BRK, VOOL, SNDY IP, SLCALC SLTSTN, RD, WIT, ILM IP SS, CLR WH, GYWR, AMB, RND PCRN, PSKRD, VF TO MCRGR SH, RD, ORNG, PRED SLCALC SLTSTN, RD, WIT, ILM IP SS, AA SLTSTN, RD, BRK, ORNG, SNDY SH, PRED RD, MAR, ORNG, VOOL, SFTFM, SLCALC SLTSTN, RD, SNDY IP TR, LS, BFF, FWT PFK LS, BFF, TN, CRPCT, MICLN SH, PRED RD, ORNG, BRK, VOO L, SLCALC SFTFM SLTSTN, RD, SNDY, ILM IP LS, PRED BFF, WH, TN, BRK LS, BFF, WH, MICLN SH, PRED ORNG, RD, SFT SLTSTN, RD, SNDY IP LS, BFF, TN, MICLN SH, RD, ORNG, VOOL SLTSTN, RD, BRK, SNDY IP LS, BFF, TN, CRPCT SH, RD, ORNG, VOOL, SFT NOTE, POOR SAMPLE QUALITY Y SS, CLR WH, TR LS, WH, CRPLN LS, WH, TN, FOSS IP, CRIN SH, ORNG, RD LS, WH, TN, CRPLN, FOSS IP LS, WH, TN, GY, GYWR, FOSS P SS, WH, GRN, MICA IP, PCRN SH, RD, ORNG, VOOLSFT SH, PRED RD, VOOL, SLCALC LS, WH, OOL FOSS, CRPLN LS, BFF, TN, CRPLN SH, PRED RD, ORNG, AA Bit#2, 3189', 77Khrs. Bit#3, Smith F-3HR LS, BFF, TN, FEM WH, CRPLN SH, PRED RD, ORNG, BRN, GY SS, CLR, VFGR, SBAND, SBAND UNCON, PCRN SS, CLR VFGR, SBAND, SBAND UNCON, PCRN SH, GY, SLTY, SFT, SLCALC SS, AA LS, WH, LTBFF, CRPLN, DNS SS, CLR QTE GRNS, UNCON SH, PRED GY, RD, BRK, VOOL LS, BFF, WH, DNS, CRPLN SH, SLTY IP, GY, BRN, RD, A LS, WH, LTGY, BRPLN, DNS SLTSTN, MBRN, MICA IP SH, GY, RD, ORNG, BRK, VOOL LS, BFF, WH, LTBFF, DNS SH, PRED GY, ORNG, BRN, SE T, FEM, SLCALC BLAY IP LS, PRED BFF, GYWR, CRPLN M, DNS, FOSS IP SS, CLR QTE GRNS, FEM WH VFGR IP/MICA IP SS, CLR QTE GRNS SH, GY, ORNG, RD, VOOL LS, INCR IN WH, GYWR, TN BFFIP, CRPLN LS, BFF, WH, DNS TR, CHRT, AMB, CLR SH, GY, ORNG, RD, VOOL TS, SS, AA	
10		4600									NOTE: STRIPPED OUT AT 5189' DEPTH CORRECTION TO 5187' SH, PRED RD, ORNG, BRK, VOOL SFTFM, SLCALC SLTSTN, RD, SBN, SNDY IP WOB RPM PP SPM NO 65 1850 96 SH, PRED RD, ORNG, BRK, VOOL, SNDY IP, SLCALC SLTSTN, RD, WIT, ILM IP SS, CLR WH, GYWR, AMB, RND PCRN, PSKRD, VF TO MCRGR SH, RD, ORNG, PRED SLCALC SLTSTN, RD, WIT, ILM IP SS, AA SLTSTN, RD, BRK, ORNG, SNDY SH, PRED RD, MAR, ORNG, VOOL, SFTFM, SLCALC SLTSTN, RD, SNDY IP TR, LS, BFF, FWT PFK LS, BFF, TN, CRPCT, MICLN SH, PRED RD, ORNG, BRK, VOO L, SLCALC SFTFM SLTSTN, RD, SNDY, ILM IP LS, PRED BFF, WH, TN, BRK LS, BFF, WH, MICLN SH, PRED ORNG, RD, SFT SLTSTN, RD, SNDY IP LS, BFF, TN, MICLN SH, RD, ORNG, VOOL SLTSTN, RD, BRK, SNDY IP LS, BFF, TN, CRPCT SH, RD, ORNG, VOOL, SFT NOTE, POOR SAMPLE QUALITY Y SS, CLR WH, TR LS, WH, CRPLN LS, WH, TN, FOSS IP, CRIN SH, ORNG, RD LS, WH, TN, CRPLN, FOSS IP LS, WH, TN, GY, GYWR, FOSS P SS, WH, GRN, MICA IP, PCRN SH, RD, ORNG, VOOLSFT SH, PRED RD, VOOL, SLCALC LS, WH, OOL FOSS, CRPLN LS, BFF, TN, CRPLN SH, PRED RD, ORNG, AA Bit#2, 3189', 77Khrs. Bit#3, Smith F-3HR LS, BFF, TN, FEM WH, CRPLN SH, PRED RD, ORNG, BRN, GY SS, CLR, VFGR, SBAND, SBAND UNCON, PCRN SS, CLR VFGR, SBAND, SBAND UNCON, PCRN SH, GY, SLTY, SFT, SLCALC SS, AA LS, WH, LTBFF, CRPLN, DNS SS, CLR QTE GRNS, UNCON SH, PRED GY, RD, BRK, VOOL LS, BFF, WH, DNS, CRPLN SH, SLTY IP, GY, BRN, RD, A LS, WH, LTGY, BRPLN, DNS SLTSTN, MBRN, MICA IP SH, GY, RD, ORNG, BRK, VOOL LS, BFF, WH, LTBFF, DNS SH, PRED GY, ORNG, BRN, SE T, FEM, SLCALC BLAY IP LS, PRED BFF, GYWR, CRPLN M, DNS, FOSS IP SS, CLR QTE GRNS, FEM WH VFGR IP/MICA IP SS, CLR QTE GRNS SH, GY, ORNG, RD, VOOL LS, INCR IN WH, GYWR, TN BFFIP, CRPLN LS, BFF, WH, DNS TR, CHRT, AMB, CLR SH, GY, ORNG, RD, VOOL TS, SS, AA	
10		4700									SH, PRED RD, ORNG, BRK, VOOL SFTFM, SLCALC SLTSTN, RD, SBN, SNDY IP WOB RPM PP SPM NO 65 1850 96 SH, PRED RD, ORNG, BRK, VOOL, SNDY IP, SLCALC SLTSTN, RD, WIT, ILM IP SS, CLR WH, GYWR, AMB, RND PCRN, PSKRD, VF TO MCRGR SH, RD, ORNG, PRED SLCALC SLTSTN, RD, WIT, ILM IP SS, AA SLTSTN, RD, BRK, ORNG, SNDY SH, PRED RD, MAR, ORNG, VOOL, SFTFM, SLCALC SLTSTN, RD, SNDY IP TR, LS, BFF, FWT PFK LS, BFF, TN, CRPCT, MICLN SH, PRED RD, ORNG, BRK, VOO L, SLCALC SFTFM SLTSTN, RD, SNDY, ILM IP LS, PRED BFF, WH, TN, BRK LS, BFF, WH, MICLN SH, PRED ORNG, RD, SFT SLTSTN, RD, SNDY IP LS, BFF, TN, MICLN SH, RD, ORNG, VOOL SLTSTN, RD, BRK, SNDY IP LS, BFF, TN, CRPCT SH, RD, ORNG, VOOL, SFT NOTE, POOR SAMPLE QUALITY Y SS, CLR WH, TR LS, WH, CRPLN LS, WH, TN, FOSS IP, CRIN SH, ORNG, RD LS, WH, TN, CRPLN, FOSS IP LS, WH, TN, GY, GYWR, FOSS P SS, WH, GRN, MICA IP, PCRN SH, RD, ORNG, VOOLSFT SH, PRED RD, VOOL, SLCALC LS, WH, OOL FOSS, CRPLN LS, BFF, TN, CRPLN SH, PRED RD, ORNG, AA Bit#2, 3189', 77Khrs. Bit#3, Smith F-3HR LS, BFF, TN, FEM WH, CRPLN SH, PRED RD, ORNG, BRN, GY SS, CLR, VFGR, SBAND, SBAND UNCON, PCRN SS, CLR VFGR, SBAND, SBAND UNCON, PCRN SH, GY, SLTY, SFT, SLCALC SS, AA LS, WH, LTBFF, CRPLN, DNS SS, CLR QTE GRNS, UNCON SH, PRED GY, RD, BRK, VOOL LS, BFF, WH, DNS, CRPLN SH, SLTY IP, GY, BRN, RD, A LS, WH, LTGY, BRPLN, DNS SLTSTN, MBRN, MICA IP SH, GY, RD, ORNG, BRK, VOOL LS, BFF, WH, LTBFF, DNS SH, PRED GY, ORNG, BRN, SE T, FEM, SLCALC BLAY IP LS, PRED BFF, GYWR, CRPLN M, DNS, FOSS IP SS, CLR QTE GRNS, FEM WH VFGR IP/MICA IP SS, CLR QTE GRNS SH, GY, ORNG, RD, VOOL LS, INCR IN WH, GYWR, TN BFFIP, CRPLN LS, BFF, WH, DNS TR, CHRT, AMB, CLR SH, GY, ORNG, RD, VOOL TS, SS, AA	

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SH, PRED, QY, ORNG, BRN, SFT
T, FEM, SL, CALC, BLKY IP
LS, PRED, BFF, QY, WH, CRPLX
N, DNS, POSS IP
SS, CLR, QY, GRNS, FEM WH
VFOR, IPHICA IP

SS, CLR, QY, GRNS
SH, QY, ORNG, RD, VCOL
LS, INCR IN WH, QY, WH, TN
BFFIP, CRPLX

LS, BFF, WH, DNS
TR, CHRT, AMB, CLR
SH, QY, ORNG, RD, VCOL
TS, SS, AA
SH, AA
LS, AA
TR, PIPE METAL

SH, QY, ORNG, RD, VCOL SFT
LS, BFF, WH, FEM LTGY, DNS

NW VIS
8.7 27
DRILLING W/ THESE 220
SH, LTGY, GRN, ORNG, AA
LS, BFF, BFF, TN, DNS
SLTSTN, RD, SANDY IP
WOB RPM PP SPN
40 65 1650 96
SH, QY, GRN, ORNG, RD, SFT
LS, BFF, TN, DNS, CRPLX
SS, CLR, QY, MCHR, MICA IP

SH, QY, GRN, ORNG, BRN, CALC
LS, BFF, BFF, TN, QY, DNS

SH, LTGY, GRN, MOY, SLTY,
CALC, SFT
LS, WH, LTGY, CRPLX
DNS, RD

SH, QY, GRN, ORNG, AA
LS, AA
TR, CHRT, AMBER, CLR

SH, QY, GRN, PRED, AA
SLTSTN, RD, QY, BRN, SANDY P
LS, WH, BFF, TN, QY, DNS
SH, AA
SLTSTN, QY, BRN, AA
LS, WH, BFF, TN, DNS, CRPLX

SH, QY, GRN, MOY, BLKY IP,
CALC, SFT
SLTSTN, QY, BRN, ORNG
LS, WH, BFF, TN, QY, DNS

SH, AA
SLTSTN, AA
LS, BRN

SS, CLR, WH, FEM LQ YI
GRNS, FEM YFGR, PCBR
LS, QY, WH, BFF, AA
SH, QY, GRN, ORNG, PRED, AA

LS, PRED, WH, BFF, CRPLX,
FEM WH CHRT, DNS
SH, INCR IN QY, FEM ORNG
BRN, VCOL, GRN, SHLY IP
TR, CHRT, AMBER

SLTSTN, QY, BRN, RD, SANDY
SS, CLR, WH, VFOR, GYCLR
LS, WH, BFF, WH, DNS
SH, QY, GRN, VCOL

LS, WH, BFF, CRPLX, DNS
TR, CHRT, SH, SS, AA
SLTSTN, QY, BRN, RD, SANDY

LS, INCR IN WH, BFF, BRN
WH, QY, WH, DNS, CRPLX
TR, SLTSTN, ORNG, RD, BRN
TR, CHRT, SS, AA

SH, AA, ORNG, QY, GRN, SFT
SLTSTN, AA, BRN, SANDY IP
LS, A, PRED, WH, BFF, BRN
TR, CHRT, SH, YI

SH, AA
LS, AA
TR, SLTSTN

SH, QY, GRN, ORNG, BRN, SFT
LS, BFF, WH, QY, WH, DNS
SLTSTN, WH, MCHR, MICA IP
TR, CHRT, SH, YI

SH, AA
LS, AA
SLTSTN, AA

SH, MARLSTN, INAT, ORNG, QY
SFT, SS, CALC

SH, marlstone, abra, fine, med

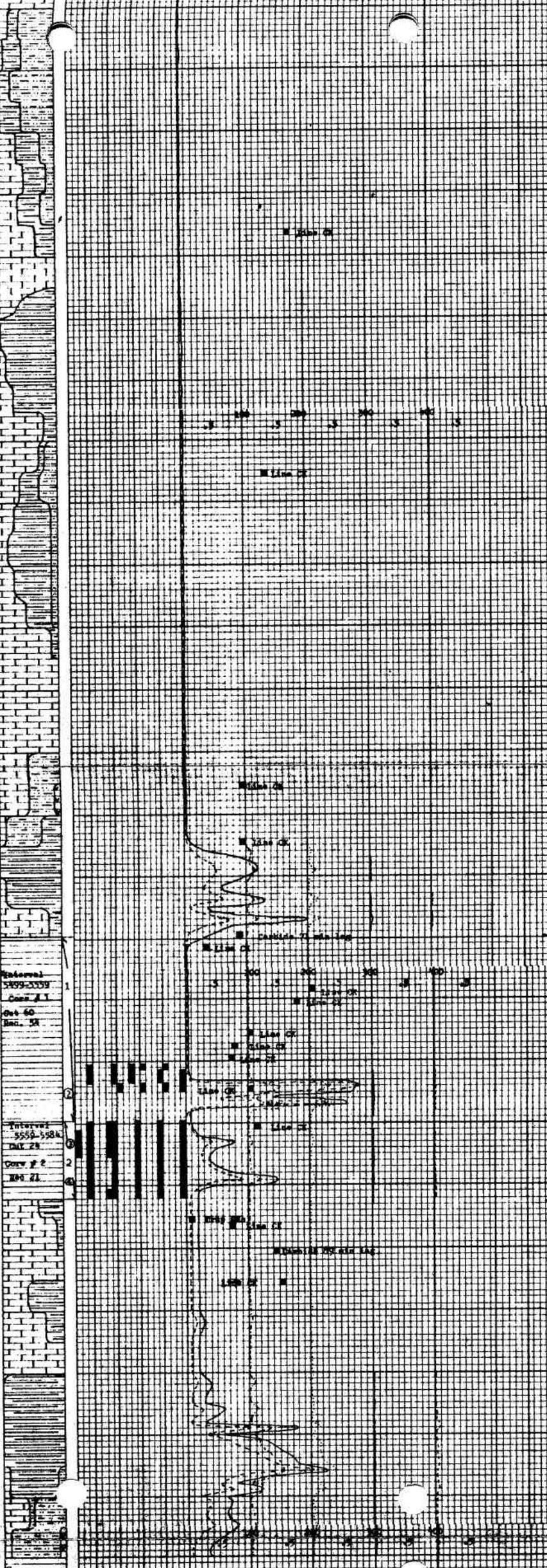
LS, wh, lthra, cryptoxia, fine, h,
hd
SLTST, lty, abra, early, fine,
med

LS, wh, ta, cryptoxia, fine, hd

SH, QY, GRN, blk, early, silty,
med
SLTST, QY, blk, early, med, vxy,
med-fine

LS, bf, ta, wh, lthra, cryptoxia,
fine, hd

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5500
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5600
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40
60
80
5700



SH gy, gysa, blk, early, alty, soft
SLTST gy, blk, early, andy, wry, soft-fru

LS bf, ta, wa, ltrn, cryptoxla, dms, hd
SH sbrn, lt-agy, early, alty, fine, soft
SLTST sbrn, early, nice, fru

LS wh, ltrn, trans, cryptoxla, fusxla, dms, hd
SH lt-agy, gybrn, plty-sply, early, alty, soft

9.2 36 9.5 34.4 3/32 13060
LS ltgy, bf, wh, crn, micxla, org dms, hd

LS ltgy, wh, crn, micxla, alty, arg, dms, hd
SH lt-agy, gybrn, plty, sply, oft-fru, calc
SLTST ltgy, plty, andy, calc, fru-fru
SH s-dky, sply, fine, early, alty, calc, oft-fru

9.2 36 9.5 34.4 3/32 13008
LS wh, ta, ltrn, trans, cryptoxla, fusxla, dms, early, dms, hd

SLTST agy, blk, early, fine, soft-fru
ANHY wh, oft

SH blk, dky, plty, calc, carb, wooty, oft-fru

Bit #3 934' 554 hrs
Bit #4 Core Head
LS ltgy, agybrn, plty, blk, r
early, alty, vf-micxla, fru-hd
9.9 35 10 14.8 2/32 12000
9.5 40 9.5 28 2/32 17000
ANHY slr, wh, gy, opa, xla, on fract w/calc fill, dms dms, on LS/SH incl, hd

DOL0 blk, micxla, shly, carb, anky, dms
LS gy, dky, crypto-micxla, brecciated w/SH, dms

LS gybrn, gy, vf-micxla, dms, inner brecc w/ depth, r-g vs angular & frac, por decr w/ depth, abms calc fill in fract, f-g yel-ga floor, f stag, full yel cut

LS wh, ltrn, cryptoxla, dms, hd
SH m-dky, on early, alty, calc, soft-fru
Bit #4 86' 13 hrs.
Bit #5 STC P-3

LS slr, wh, ltrn, ta, cryptoxla, dms, hd
9.6 36 10.5 14.8 1/32 15000
SH dky, alty, calc, carb, hd

LS wh, cryptoxla, dms, hd
SLTST ltgy, gybrn, blk, calc, fru

ANHY wh, oft

Rig T.D. 5700
Logger's T.D. 5700

IGT

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

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OIL, GAS & MINING**

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303-874-8614



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(303)874-8614

June 12, 1983

TRICENTROL RESOURCES INC.

#3-32 Nancy Federal

San Juan County, Utah

Sec. 3, T38S, R25E

GL - 5382' KB - 5395'

Spud date 6/1/83 TD date 6/12/83

Surface Casing Set at 1362'

The #3-32 Nancy Federal well was spudded on 6/1/83 with a 12 $\frac{1}{4}$ " bit. Surface was drilled to a depth of 1376' in 2 days. Casing was run in to a depth of 1362'. On the 3rd of June surface casing was drilled out with a 7 7/8" bit. Drilling continued to a depth of 4565' on the 7th of June when a trip was made for a bit. Drilling resumed on the 7th of June with a new 7 7/8" bit and continued without delay to a depth of 5499' on the 10th of June when drilling was halted for Core #1 in the Paradox Shale. Core #1 was started higher than normal due to bit #3 beginning to cut very badly at that point. Core #1 was cut to a depth of 5559', 60' of core was cut with 54' recovered.

Gas increased of 280 Units and 270 units were noted while Core #1 was being cut. Core #2 was begun on 6/11/83 and 24' were cut with 21.6' recovered. Gas increase of 80 units and 150 units were noted during Core #2. Drilling with a 7 7/8" bit was resumed on 6/11/83 and drilling continued to a depth of 5700' when TD was reached at 12:40 AM on 6/12/83 and circulation was started to condition hole for "E" logs.

Logging was completed at approximately 9:30 PM on 6/12/83, making total time of drilling, running casing, drilling and logging of this well 12 days. No DST'S were ordered for this well reducing completion date by at least one (1) full day. An excellent record for which the crews and drilling contractor should be commended.

Dave Meade
Geologist - IGT

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

CONTENTS

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1. Summary of Daily Activity	1
2. Bit Record Sheet	2
3. Deviation Record Sheet	3
4. DST & Show Sheet	4-7
5. Core Sheets	8-9

- (1) Copy, Final Mud Log (5"=100')
- (1) Copy, Final Mud Log (2.5"=100')

DRILLING CONTRACTOR: Coleman Rig #2
Farmington, New Mexico

DRILLING FOREMAN: Mr. Kelton Mann

GEO TECHNOLOGISTS: Mr. Nick Larkin
Mr. Dale Lockhart
Mr. Dave Meade
Intermountain GEO TECH, Inc.
Delta, Colorado

DRILLING FLUID: Mr. Don Bryant
Drilling Mud Inc.
Cortez, Colorado

DRILL STEM TESTS:

COREING: Mr. Morgan Clark
NL Hydrolog
Vernal, Utah

WIRE LINE LOGS: Mr. Tom Link
Schulmberger Well Service
Farmington, New Mexico

OTHER (Specify): Mr. Ric Kopp
Tricentrol
Denver, Colorado

TRICENTROL RESOURCES INC.
 3-32 Nancy Federal
 Sec. 3, T38S, R25E
 San Juan County, Utah

SUMMARY OF DAILY ACITIVITY

DATE	ACTIVITY	MIDNITE DEPTH	24 HOUR FOOTAGE
6/06/83	Unit #4 on location, rigged up, Drlg	---	-----
6/07/83	Drlg, Survey, TOH NB #3	4173	555
6/08/83	Drlg, Survey	4728	460
6/09/83	Drlg,	5188	285
6/10/83	Drlg - TOH for Core #1 TIH W/Core bbl, Coring	5473	86
6/11/83	TOH W/core #1, lay down Core #1, TIH for Core #2 Coreing TOH W/core #2, TIH w/bit Drlg	5559	135
6/12/83	Drlg to TD, Cir for "E" Logs, TOH for logs, Logging	5694	6
	Unit #4 released 12:00 P.M. 6/12/83	5700	

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

BIT RECORD

BIT	MAKE	SIZE	TYPE	DEPTH OUT	FOOTAGE USED	HOURS
1	Smith	12 1/4	F-3RR	1376	1246	25 1/4
2	HTC	7 7/8	J-22	4565	3189	77 3/4
3	Smith	7 7/8	F-3RR	5499	934	55 1/4
4	Core Head	---	---	5585	86	13
5	STC	7 7/8	F-3	5700	---	---

TRICENTROL RESOURCES INC.
3-32 Nancy Federal
Sec. 3, T38S, R25E
San Juan County, Utah

DEVIATION SHEET FOR WELL. . .

DEPTH	DEVIATION (Dev)
204	3/4°
694	1°
1734	2 1/4°
2234	1 1/4°
2761	1/2°
3254	0°
3755	0°
4255	0°
4754	1 1/4°
5313	1°
5499	1 1/2°

Intermountain GEO TECH
DST & SHOW SHEET

SHOW # 1 INTERVAL 5162 TO 5164 DATE 6/9/83

COMPANY: TRICENTROL RESOURCES INC.

WELL: 3-32 Nancy Federal

FIELD: Wild cat Nancy

	BEFORE SHOW	DURING SHOW	AFTER SHOW
DRILLING RATE	8	5	10
TOTAL GAS UNITS	1	15	1
%METHANE	TR	.364	TR
%ETHANE		.072	
%PROPANE		.046	
%BUTANE (ISO)			
%BUTANE (NORM)			
%PENTANES			

SAMPLE LITHOLOGY: SLTST LTGY, MBRN, MARLY, BLKY, MFRM

SAMPLE FLUO-CUT: None

DST #	INTERVAL	TIME Min.	TO		DATE
			Top Chart	Pressure (psi)	
<u>INITIAL HYDROSTATIC</u>					
<u>INITIAL OPEN</u> -----					
<u>INITIAL SHUT-IN</u> -----					
<u>SECOND OPEN</u> -----					
<u>SECOND SHUT-IN</u> -----					

FINAL HYDROSTATIC

BHT (°F): _____

1ST FLOW: _____

2NE FLOW: _____

REMARKS _____

DRILL PIPE RECOVERY: _____

SAMPLE CHAMBER REC: _____

	WT ppg	R/W	NITRATES ppm	CHLORIDES ppm	CHROMATES ppm
Drill Pipe: Top:	/	/ at	°F/	/	/
Middle:	/	/ at	°F/	/	/
Bottom:	/	/ at	°F/	/	/
SAMPLE CHMBR:	/	/ at	°F/	/	/
PIT MUD:	/	/ at	°F/	/	/

(GAUGED FLOW:)

GEO-TECHNOLOGIST: Dale Lockhart

Intermountain GEO TECH
DST & SHOW SHEET

SHOW # 2 INTERVAL 5546 TO 5556 DATE 6/10/83

COMPANY: TRICENTROL RESOURCES INC.

WELL: 3-32 Nancy Federal

FIELD: Wild Cat Nancy Federal

	BEFORE SHOW	DURING SHOW	AFTER SHOW
DRILLING RATE	28	8	30
TOTAL GAS UNITS	4	275	10
%METHANE	.03	2.08	.16
%ETHANE	.01	.5	.03
%PROPANE	TR	.33	.01
%BUTANE (ISO)		.02	
%BUTANE (NORM)		.07	
%PENTANES			

SAMPLE LITHOLOGY: LS GY, DKGY, CRYPTO -- MICXLN, HD

SAMPLE FLUO-CUT: YEL - GN FLUOR YEL CUT

DST #	INTERVAL	TIME Min.	TO Top Chart	PRESSURE (psi)		DATE
					Bottom Chart	

INITIAL HYDROSTATIC

INITIAL OPEN

INITIAL SHUT-IN

SECOND OPEN

SECOND SHUT-IN

FINAL HYDROSTATIC

BHT (°F):

1ST FLOW:

2NE FLOW:

REMARKS

DRILL PIPE RECOVERY:

SAMPLE CHAMBER REC:

	WT ppg	R/W	NITRATES ppm	CHLORIDES ppm	CHROMATES ppm
Drill Pipe: Top:	/	/ at	°F/	/	/
Middle:	/	/ at	°F/	/	/
Bottom:	/	/ at	°F/	/	/
SAMPLE CHMBR:	/	/ at	°F/	/	/
PIT MUD:	/	/ at	°F/	/	/

(GAUGED FLOW:)

GEO-TECHNOLOGIST: Dale Lockhart

Intermountain GEO TECH
DST & SHOW SHEET

SHOW # 3 INTERVAL 5564 TO 5570 DATE 6/11/83

COMPANY: TRICENTROL RESOURCES INC.

WELL: 3-32 Nancy Federal

FIELD: Wild cat Nancy Federal

	BEFORE SHOW	DURING SHOW	AFTER SHOW
DRILLING RATE	26	14	18
TOTAL GAS UNITS	20	80	40
%METHANE	.09	.41	.16
%ETHANE	.03	.09	.05
%PROPANE	TR	.05	TR
%BUTANE (ISO)		.014	TR
%BUTANE (NORM)		TR	
%PENTANES			

SAMPLE LITHOLOGY: LS GY BRN, GY, VFMIC - MICXLN, MASS, HD

SAMPLE FLUO-CUT: YEL - GN FLUOR, YEL CUT

DST #	INTERVAL	TIME Min.	TO		DATE
			Top Chart	PRESSURE (psi) Bottom Chart	

INITIAL HYDROSTATIC

INITIAL OPEN -----

INITIAL SHUT-IN -----

SECOND OPEN -----

SECOND SHUT-IN -----

FINAL HYDROSTATIC

BHT (°F): _____

1ST FLOW: _____

2NE FLOW: _____

REMARKS _____

DRILL PIPE RECOVERY: _____

SAMPLE CHAMBER REC:

	WT ppg	R/W	NITRATES ppm	CHLORIDES ppm	CHROMATES ppm
Drill Pipe: Top:	/	/ at	°F/	/	/
Middle:	/	/ at	°F/	/	/
Bottom:	/	/ at	°F/	/	/
SAMPLE CHMBR:	/	/ at	°F/	/	/
PIT MUD:	/	/ at	°F/	/	/

(GAUGED FLOW:)

GEO-TECHNOLOGIST: Dale Lockhart

TRICENTROL RESOURCES INC.
 3-32 Nancy Federal
 Sec. 3, T38S, R25E
 San Juan County, Utah

CORE #1 5499' to 5559' 60' Cored and 54' recovered.

DEPTH	SAMPLE DESCRIPTION
5499-5500	LS - GRY - GRY BRN, MIC - V FXLN, SLTY, SL DOLO, DNS TT
5500-5503	LS - A/A W/ANHY INCLU, STYOLITIC
5503-5504	DOLO - DK GY - BLK, MHD, MICXLN, SLTY VF LAMINA, CARB CALC, SOOTY, SUPPROPELIC IP
5504-5505	LS - DK GRY - GRY, MIC-VFXLN, SLTY, SL DOLO, ANHY'C DNS, TT
5505-5510	LS - A/A BCMG GRY BRN, BF, TR QTZXLN AT TOP BCMG V ANHY'C AT BTM
5510-5520	ANHY - CIR, WH, GRY, SM OPQ, HD, XLN, MAS, DNS, SM FRAC APP W/CALC FILL IN FRAC
5520-5528	ANHY - A/A INCR LS INCLU AT DEPTH, SM STNG IN FRAC
5528-5529	ANHY - A/A W/INTERBEDD LS, STYOLITS
5529-5531	ANHY - GRY, CLR, OPQ
5531-5533	ANHY - A/A W/INTERBEDD LS
5533-5535	ANHY - GRY, TRANS - CLR IP, DNS, XLN, TR STNG IN FRAC
5535-5536	ANHY - A/A, W/INTERBEDD LS - GRY, DNS, TT, MIC-VFXLN, DOLO'C
5536-5537	DOLO - BLK, MICXLN, DNS, SLTY, BARB, ANHY'C, SUPPROPELIC
5537-5539	LS - GRY, DKGY, MIC -CRPXLN, DNS, BRECCIATED, W/SM SH INCLU, INCR GY BRN W/DEPTH
5539-5540	LS - GRY BRN, A/A, W/ANHY INCLU
5540-5541	ANHY - BRY-WH, W/LS INCLU
5541-5543	LS - GRY BRN, MIC-VFXLN, MAS, DNS, VIS VUG POR, SM STNG R FLUO, V SL DULL YEL CUT, FBSS, W/ANHY & CALC FRAC FILLING
5543-5544	LS - A/A, VG YEL GN FLUO, G DULL YEL CUT
5544-5547	LS - A/A, F CUT & FLUO
5547-5548	DOLO - DK GY-BLK, MICXLN, DNS, SLTY W/ANHY INCLU, SUPPROPILIC, TR FLUO
5548-5551	LS - GY BRN, MICXLN, MAS, DNS, BRECCIATED, STYOLITES, W/ANHY INCLU NO VIS POR, NFSOC
5551-5553	DOLO - DK GRY- BLK, MICXLN, DNS, SLTY, SUPPROPELIC, W/LS & ANHY INCLU

TRICENTROL RESOURCES INC.
 3-32 Nancy Federal
 Sec. 3, T38S, R25E
 San Juan County, Utah

CORE #2 5559' to 5584' Cored 24' Recovered 21.6'

DEPTH	SAMPLE DESCRIPTION
5559-5562	LS - GRY, GY BRN, MIC -V FXLN, MAS, PRED DNS, TR VUG POR, ABUNDT CALC XLS, F-G YEL GN FLUO, R CUT, SM STNG, SM STYOLITES, SM FRAC
5562-5570	LS - A/A F VUG POR, 1/8" VUG F FRAC POR, G YEL GN FLUO, G STNG, CALC FILL IN FRAC G - DULL YEL CUT SM QTEXL APP, INCREASING BY BRECCIATED W/DEPTH
5570-5575	LS - PROD GY - MIC - VF XLN, MAS - DNS, F - G VNG POR 1/16" - 1/8" VNGS, F G FRAC POR, W/CALC XLS IN FRAC, well developed XLS, ABOUND FILLING F - G CUT F - G FLUO, G STN SM INTER CONN BUG POR, BRECCIATED VUG POR DECR W/DEPTH TR CRINOIDS
5575-5576	LS - A/A TR FLUO, TR STN VP CUT, V BRECCIATED, TR-R VRG POR
5576-5579	LS - GRY - GRY BRN, MIC - VFXLN, DNS, 1/8" to 1/4" VUG G VUG POR, G STN G YEL GN FLUO, G DULL YEL CUT, well developed CALC XLS in FRAC, B BRECCIATED, TR POSS QTZ XLS
5579-5581	LS - A/A TR VUG POR
	LS - GRY - GRY BRN, MIC-VFXLN, MAS, INCR BRECCIATED W/DEPTH R - G VUG & FRAC POR DECR W/DEPTH, ABUND CALC FILL IN FRAC, PRED F - G YEL G M FLUO, F STNG, PRED'S DULL YEL CUT



RT
SEP 25 1989

September 20, 1989

UTAH STATE DEPARTMENT OF REVENUE

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

Reference: Change of Operating Name
Utah Account No. N9555

UIC	
1	GLH ✓
2	DJJ ✓
	BGH .
3	COMPUTER
	MICROFILM
4	FILE

Gentlemen:

As evidenced by the enclosed copy of Certificate of Merger, Attachment A, effective August 1, 1989, Wintershall Corporation was merged into BASF Corporation. Wells formerly operated in the name of Wintershall Corporation will now be operated in the name of BASF Corporation. Also enclosed as Attachment B is a listing of wells involved in the merger.

Because this transaction is a merger rather than change in ownership, it is requested that the Utah account number assigned to Wintershall Corporation be transferred to BASF Corporation. Your favorable consideration of this request would be greatly appreciated.

If you have any questions or if additional information is required, please contact me at (713) 850-2509.

Yours very truly,

Charmaine Stone

Charmaine Stone
Regulatory & Production Analyst Supervisor

encls.

State of Delaware

4843



Office of Secretary of State

I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER OF DELAWARE CORPORATIONS OF BASF CORPORATION FILED IN THIS OFFICE ON THE SECOND DAY OF AUGUST, A.D. 1989, AT 10 O'CLOCK A.M.

1 1 1 1 1 1 1 1 1 1



899236017

Michael Harkins
Michael Harkins, Secretary of State

AUTHENTICATION: 2314044

DATE: 08/24/1989

9214061

SEP 25 1989

0736 647

DIVISION OF
OIL, GAS & MINING

CERTIFICATE OF MERGER

FILED

MERGING

AUG 2 1989

WINTERSHALL CORPORATION

INTO

John H. ...
SECRETARY OF STATE

BASF CORPORATION

Pursuant to Section 251 of the General Corporation Law of the State of Delaware

BASF CORPORATION, a Delaware corporation, hereby certifies as follows:

FIRST: The constituent corporations are WINTERSHALL CORPORATION and BASF CORPORATION. Each corporation is incorporated in the State of Delaware.

SECOND: An Agreement of Merger dated as of July 31, 1989, has been approved, adopted, certified, executed, and acknowledged by each of the constituent corporations in accordance with Section 251(c) of the General Corporation Law of the State of Delaware.

THIRD: The name of the surviving corporation is BASF CORPORATION.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be that of BASF CORPORATION.

FIFTH: The executed Agreement of Merger is on file at the principal place of business of the surviving corporation, which is located at 8 Campus Drive, Parsippany, N. J. 07054.

SIXTH: A copy of the Agreement of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of the constituent corporations.

SEVENTH: This Certificate of Merger and the Agreement of Merger shall become effective on August 1, 1989 at 12:01 p.m.

IN WITNESS WHEREOF, BASF CORPORATION, the surviving corporation, has caused this statement to be signed by its officers thereunto duly authorized as of this 31st day of July, 1989.

BASF CORPORATION

J. Dieter Stein
J. Dieter Stein
President

(Seal)

ATTEST:

Helmuth Aldinger

Assistant Secretary
Helmuth Aldinger

ATTACHMENT B

SEP 25 1989

BASF CORPORATION

EFFECTIVE AUGUST 1, 1989

STATE	FIELD	WELL NAME	WELL NO.	API NO.
-----	-----	-----	-----	-----
/ UT	NANCY	NANCY FEDERAL	01-03	430373074100S1
/ UT	NANCY	NANCY FEDERAL	03-11	430373090200D2
/ UT	NANCY	NANCY FEDERAL	03-22	430373090100S1
/ UT	NANCY	NANCY FEDERAL	03-32	430373089800S1
/ UT	NANCY	NANCY FEDERAL	03-44	430373081700S1
/ UT	NANCY	NANCY FEDERAL	11-11	430373090300S1
/ UT	NANCY	NANCY FEDERAL	11-22	430373081400S1
/ UT	NANCY	FEDERAL	34-32	430373082500S1
UT	House	Cyn 13.04		4303731085

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

U-40053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Little Nancy Unit

8. FARM OR LEASE NAME

Nancy Federal

9. WELL NO.

3-32

10. FIELD AND POOL, OR WILDCAT

Nancy

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

Sec 3, 38S, 25E

12. COUNTY OR PARISH 13. STATE

San Juan

UTAH

1. OIL WELL GAS WELL OTHER WATER DISPOSAL WELL

2. NAME OF OPERATOR
BASF Corporation

3. ADDRESS OF OPERATOR
5 Post Oak Park, Suite 800, Houston, TX 77027

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

1960' FNL & 1780' FEL (SWNE)

14. PERMIT NO.
API 43-037-30898

15. ELEVATIONS (Show whether DT, KT, CK, etc.)
5383' GR.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

BASF Corporation has sold the above referenced property to:

Omimex Petroleum, Inc.
8055 E. Tufts Avenue Parkway, Suite 1080
Denver, Colorado 80237
(303)771-1661

Effective date of production reporting responsibilities transferral is July 1, 1990.
Actual sale date is March 1, 1990.

RECEIVED
FEB 01 1991

COPY

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

SIGNED Charmaine Stone

TITLE Reg & Prod Analyst

DATE 1/29/91

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert
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

April 12, 1991

Omimex Petroleum, Inc.
8055 East Tufts Avenue, Suite 1060
Denver, Colorado 80237

Dear Sirs:

Re: Monthly and Annual Injection Reports for the Nancy Federal 3-32 Salt Water Disposal Well

4303730898
385 25 E 3

Admin. R. 615-8-19 requires operators of Class II injection wells to submit monthly reports indicating daily injection pressure, rate and volume for each disposal well. The report is due 30 days following the end of the month.

Injection reports for the above referenced well have not been received in this office since June 1990. The Division has contacted your office by telephone a number of times regarding this matter and has requested that you submit these reports.

Additionally, Admin. R. 615-8-21 requires operators to file an annual injection report for each disposal well. This report also has not been received for 1990.

The Division requests that these reports be filed within 10 days of receipt of this letter and that all future reports be filed in a timely manner. If you have any questions regarding this matter, please call Dan Jarvis or myself at (801)538-5340.

Sincerely,

Gil Hunt
UIC Manager

DJJ/lde
cc: R.J. Firth
Well file
WUI6

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

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-40053

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.)

1. OIL WELL GAS WELL OTHER Salt Water Disposal Well

7. UNIT AGREEMENT NAME
Little Nancy Unit

2. NAME OF OPERATOR
Omimex Petroleum, Inc.

8. FARM OR LEASE NAME
Nancy Federal

3. ADDRESS OF OPERATOR
8055 E. Tufts Ave. Pkwy., #1060, Denver, CO 80237

9. WELL NO.
3-32

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

1960' FNL & 1780' FEL
SWNE

10. FIELD AND POOL, OR WILDCAT
Nancy

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

Sec. 3-38S-25E

14. PERMIT NO.
43-037-30898

15. ELEVATIONS (Show whether DP, RT, GR, etc.)
5383' GR.

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
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"/>	

SUBSEQUENT REPORT OF:

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 checked="" type="checkbox"/> Change of Operator	

(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.)*

Effective 7/1/90, OMIMEX PETROLEUM, INC. assumed operations of this property

RECEIVED

APR 22 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED Patricia G. Blue

TITLE Production Analyst

DATE 4/18/91

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

APR 25 1991

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Little Nancy Federal #3-32
Field or Unit name: Little Nancy Federal API no. 43-037-30890
Well location: QQ SWNE section 3 township 38S range 25W county San Juan
Effective Date of Transfer: 7/1/90

CURRENT OPERATOR
Transfer approved by:
Name Charmaine Stone Company BASF Corporation
Wintershall Energy a Business
Signature Charmaine Stone Address 5 Post Oak Park, #800 Group of,
Houston, Texas 77027
Title Regulatory & Production Analyst
Date 4/22/91 Phone (713) 850-2509
Comments:

NEW OPERATOR
Transfer approved by:
Name Patricia G. Blue Company Omimex Petroleum, Inc.
Signature Patricia G. Blue Address 8055 E. Tufts Ave. Pkwy., #1060
Title Production Analyst Denver, Colorado 80237
Date 4/18/91 Phone (303) 771-1661
Comments:

(State use only)
Transfer approved by A. Hunt Title UIC Manager
Approval Date 5-2-91

RECEIVED

APR 29 1991

Routing:

1-DCR	2-67E	✓
2-DPS	DT3	
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: 7-1-90)

TO (new operator)	<u>OMIMEX PETROLEUM, INC.</u>	FROM (former operator)	<u>BASF CORPORATION</u>
(address)	<u>8055 E. TUFTS AVENUE PARKWAY</u>	(address)	<u>5 POST OAK PARK, SUITE 800</u>
	<u>SUITE 1080</u>		<u>HOUSTON, TX 77027</u>
	<u>DENVER, CO 80237</u>		
	<u>phone (303) 771-1661</u>		<u>phone (713) 850-2509</u>
	<u>account no. N 0735</u>		<u>account no. N 9495</u>

Well(s) (attach additional page if needed): *(All wells are Unit wells / Little Nancy)*

Name:	<u>LITTLE NANCY 3-32/ISMY</u>	API:	<u>4303730898</u>	Entity:	<u>99996</u>	Sec	<u>3</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>
Name:	<u>NANCY FED 11-22/ISMY</u>	API:	<u>4303730814</u>	Entity:	<u>538</u>	Sec	<u>11</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>
Name:	<u>NANCY FED 11-11/ISMY</u>	API:	<u>4303730903</u>	Entity:	<u>538</u>	Sec	<u>11</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>
Name:	<u>NANCY FED 3-44/ISMY</u>	API:	<u>4303730817</u>	Entity:	<u>538</u>	Sec	<u>3</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>
Name:	<u>NANCY FED 3-22/ISMY</u>	API:	<u>4303730901</u>	Entity:	<u>544</u>	Sec	<u>3</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>
Name:	<u>NANCY FED 1-3/ISMY</u>	API:	<u>4303730741</u>	Entity:	<u>540</u>	Sec	<u>3</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>
Name:	<u>NANCY FED 3-11/DSCR TA</u>	API:	<u>4303730902</u>	Entity:	<u>542</u>	Sec	<u>3</u>	Twp	<u>38SRng25E</u>	Lease	Type:	<u>U-40053</u>

OPERATOR CHANGE DOCUMENTATION

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(2-1-91)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(2-1-91 Reg. by vte) (Reg. 3-6-91/Pat Blue) (Reg. 4-18-91/Pat Blue) (Rec. 4-22-91)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: .
- See ** 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below. *(5-8-91)*
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(5-14-91)*
- See* 6. Cardex file has been updated for each well listed above.
- See* 7. Well file labels have been updated for each well listed above.
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) yes (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.

INDEXING

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

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

10306 Btm/S.Y. No successor of unit operator has been filed as of yet. Will call when approved.

10418 Btm/S.Y. BASF is still the Unit Operator. "Nothing has been filed as of yet." Omimex is responsible for filing the "Successor of Unit Operator" - Sundries have been received from BASF!

10510 Btm approved unit operator change from BASF Corp. to Omimex Petroleum eff. 5-7-91.



Omimex Group

OMIMEX PETROLEUM, INC.

June 25, 1999

RECEIVED

JUN 28 1999

DIVISION OF
OIL GAS & MINING

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

Attention: Mr. Gilbert L. Hunt
Manager - UIC Program

RE: Nancy Federal 3-32 (SWD)
Section 3-T38S-R25E
San Juan County, Utah

42-037-30898

Dear Mr. Hunt:

Attached for your approval is an application to deepen the subject well. This well is currently used as a produced water disposal well for the Little Nancy Unit, with limited injection into the Ismay formation through perforations between 5546-5600'. Omimex Petroleum proposed to squeeze these perforations, deepen the well to 5840' and establish produced water injections into the Desert Creek formation.

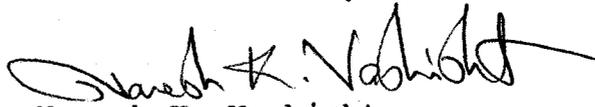
The work will be accomplished as soon as approval has been received from your office and the Bureau of Land Management. Please make a note of our new address:

Omimex Petroleum, Inc.
5608 Malvey, Penthouse Suite
Fort Worth, Texas 76107

Therefore, approval of the work is at earliest convenience is appreciated. Please advise if you require additional information.

Very truly yours,

OMIMEX PETROLEUM, INC.


Naresh K. Vashisht
President

NKV:cat

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED

JUN 20 1993

DIVISION OF OIL, GAS & MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No. U-40053

6. If Indian, Allottee or Tribe Name N/A

7. Unit Agreement Name Little Nancy Unit

8. Farm or Lease Name Nancy Federal

9. Well No. 3-32 (SWD)

10. Field and Pool, or Wildcat Nancy

11. 00, Sec., T., R., M., or Bk. and Survey or Area 3-T38S-R25E SLBM

12. County or Parrish San Juan 13. State Utah

1a. Type of Work DRILL DEEPEN PLUG BACK

1b. Type of Well Oil Well Gas Well Other Salt Water Disposal Single Zone Multiple Zone

2. Name of Operator Omimex Petroleum, Inc.

3. Address of Operator 5608 Malvey, Penthouse Suite, Fort Worth, Texas 76107

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface 1960' FNL & 1780' FEL
At proposed prod. zone Same

14. Distance in miles and direction from nearest town or post office* 28 Miles SW of Dove Creek, Colorado

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 460'

16. No. of acres in lease 1921.56

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. 1400'

19. Proposed depth 5840'

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 5383' GR, 5395' KB

22. Approx. date work will start* On Approval

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#	1366'	690 sxs lite +B
7-7/8"	5-1/2"	15.5#	5704'	200 sxs H

TECHNICAL REVIEW
 Eng. *[Signature]* 7-9-93
 Geol. *[Signature]* 7-9-93
 Surface *[Signature]* 7-9-93

- (1) MIRU. Install BOPE. ND wellhead.
- (2) Pressure test casing-tubing annulus to 1000 psi.
- (3) Cement squeeze current Ismay formation ~~Surface~~ perforations at 5546'-5553', 5574'-5584' and 5592'-5600' with 125 sxs cement. Pressure test to 2000 psi. Resqueeze as necessary.
- (4) Release Baker R3 packer and POH with 2-7/8", 6.5#, N-80 tubing.
- (5) Drill out cement and deepen well through Lower Desert Creek foramtion to 5840' in 4-1/2" hole.
- (6) RIH with 2-7/8" tubing and set packer at 5535'± with packer fluid in annulus.
- (7) NU wellhead. Release rig. Return well to injection.

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

Signed: *[Signature]* Naresh K. Vashisht Title: President Date: 06/25/93

(This space for Federal or State office use)

API NO. _____ Approval Date _____

Approved by: *[Signature]* Title: _____

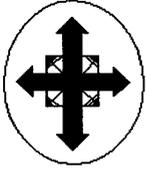
Conditions of approval, if any: *Federal Approval of this Action is Necessary*

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

DATE: 7-9-93 BY: *[Signature]*

step rate test required

*See Instructions On Reverse Side



OMIMEX PETROLEUM, INC.
LITTLE NANCY UNIT
NANCY FEDERAL #3-32 SWD
WELL #36
SWNE, S3-T38S-R25E
SAN JUAN CO., UTAH

AUGUST 18, 1994

WORKOVER RECOMMENDATION AND PROCEDURE

Purpose:

This SWD is completed in a tight limestone/dolomite formation. Reported injection is only 28 BWPD at 2600 psi. The well should be recompleted to a sandstone interval from 4600'-20' to improve injectivity and reduce water hauling costs.

Well Data: Casing: 8-5/8", 24#, K55, ST&C @ 1366', CTS w/690 SX
5-1/2", 15.5#, K55, ST&C @ 5704' TOC @ 4694' w/200 SX.
Burst: 4810 psi Collapse: 4040 psi

Tubing: 2-7/8", 6.5#, N80 with Baker Model R3 @ 5500'.
Burst: 10570 psi Collapse: 11160 psi

Perfs: 5546-53 (2 JSPF), 5574-84 (4 JSPF), 5592-5600 (4 JSPF)

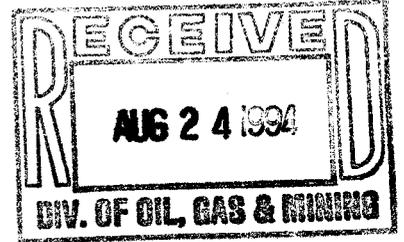
Procedure:

- 1) Flow well back to tanks to bleed off pressure several days in advance.
- 2) MIRU PU. ND wellhead NU BOP w/stripping head.
- 4) Unset packer, POH w/tubing and packer.
- 5) RIH w/CIBP on wireline and set at 5450'. Dump bail 50' cement on top.
- 6) RIH w/4" HSC casing gun and shoot 4, .5" JSPF at 4600'.
- 7) RIH w/Baker Model "R" packer and set @ +-4550'. Space out packer so a tubing joint lies directly above BOP.
- 8) Pump 85 SX Class B cement. (100 cu. ft.) through perfs to bring cement to 4450'.
- 9) Displace cement below packer to 4540' and shut down. Read static tubing pressure, pressure casing to same value. Open BOP, unset packer and strip one joint of tubing through stripper head to next joint. Do not release pressure when unsetting or raising packer. Reset packer and pressure to reading at shut down. Shut down for night holding pressure.
- 10) Release packer. POH w/packer and tubing.
- 11) RIH w/bit and scraper. Clean out hole to 4700'. POH w/bit and scraper.
- 6) RIH w/4" HSC casing gun and shoot 4, .5" JSPF from 4604'-30'.
- 11) RIH w/packer, set at +-4550'. Open bypass and pump packer fluid down backside. Take pressure chart on backside.
- 12) Return to injection.



Omimex Group

OMIMEX PETROLEUM, INC.



Gil Hunt
State of Utah
Oil, Gas &
4241 State
Salt Lake

August 18,

MAX Cullum
CLAY Cullum

10:00
TUES.
1000 PSI

Dear Gil:

The logs th
Juan Co., I
like to rec
we will hav
a procedur

TUES?
970-560-0944 cell
* 565-~~8759~~ 8759 HOME

in San
would
4695' so
attached

You mentioned that we would probably not have to re-permit the well. Please send me the appropriate Sundry Notice form and instructions for filing this recompleation.

Please call me with your comments at your convenience. Thank you for your assistance with this matter.

Best Regards,

Matt Houston
Petroleum Engineer

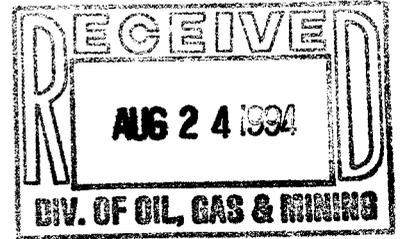
Enclosures/logs/procedure

Swab + Analysis Sample
Run-CBL
Sundry + New procedures
will publish notice
stop-rate test to
establish true press.



Omimex Group

OMIMEX PETROLEUM, INC.



Gil Hunt
State of Utah
Oil, Gas and Mining Division
4241 State Office Building
Salt Lake City, Utah 84114

August 18, 1994

Re: Nancy Federal #3-32 SWD

Dear Gil:

The logs that accompany this fax are from the Nancy Federal #3-32 SWD well in San Juan Co., Utah. The current disposal zone is not taking fluid adequately and we would like to recomplete the well from 4604'-4630'. The top of cement, however, is at 4695' so we will have to block squeeze directly above the interval from 4604'-30'. I have attached a procedure for your approval.

You mentioned that we would probably not have to re-permit the well. Please send me the appropriate Sundry Notice form and instructions for filing this recompletion.

Please call me with your comments at your convenience. Thank you for your assistance with this matter.

Best Regards,

Matt Houston
Petroleum Engineer

Enclosures/logs/procedure

Swab + analyze sample
Run-CBL
Sundry + new procedure
will publish notice
stop-rate test to
establish knee press.



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

June 2, 1997

43-037-30898

Omimex Petroleum, Inc.
5608 Malvey Penthouse Suite
Fort Worth, Texas 76107

Re: Pressure Test for Mechanical Integrity, Nancy Federal 3-32
Injection Well, Sec. 3, T. 38 S., R. 25 E., San Juan County,
Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing during the week of June 16, 1997 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.

Page 2
Omimex Petroleum, Inc.
June 2, 1997

3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.
4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Please contact Dan Jarvis at (801)538-5338 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,



Gil Hunt
Environmental Manager, Oil & Gas

lwp

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL 3-3

9. API Well Number:
43-037-30890

10. Field and Pool, or Wildcat:

1. Type of Well: OIL GAS OTHER: SALT WATER DISPOSAL

2. Name of Operator:
OMIMEX PETROLEUM, INC.

3. Address and Telephone Number:
5608 MALVEY, PENTHOUSE STE, FT WORTH, TX 76107 (817) 735-1500

4. Location of Well
Footages: 1960 FNL & 1780 FEL
Co. Sec., T., R., M.: SWNE S3, T38S, R25W

County: SAN JUAN
State: UT

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)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other REPAIR COMMUNICATION B/W TBG & CSG
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

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

Approximate date work will start 6/9/97

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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.)

MIRU WELL SERVICE UNIT
POOH WITH TBG & PACKER
REPAIR PACKER
TEST TBG BACK IN HOLE
SET PACKER
RETURN WELL TO INJECTION
PERFORM PRESSURE TEST FOR MECHANICAL INTEGRITY

13. Name & Signature: MARILYN D JACKSON *Marilyn D Jackson* Title: PRODUCTION ANALYST Date: 6/6/97

(This space for State use only)

Replaced by sundry notice dated 6/9/97.

(1202) No approval for this document. (See Instructions on Reverse Side)

~~APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6-6-97
BY: [Signature]~~

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: SALT WATER DISPOSAL	5. Lease Designation and Serial Number: U-40053
2. Name of Operator: OMIMEX PETROLEUM, INC.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 5608 MALVEY, PENTHOUSE STE, FORT WORTH TX 76107 (817) 735-1500	7. Unit Agreement Name: LITTLE NANCY UNIT
4. Location of Well Footages: 1960 FNL & 1780 FEL QQ, Sec., T., R., M.: SWNE S3, T38S, R25W	8. Well Name and Number: LITTLE NANCY FEDERAL 3-32 9. API Well Number: 43-037-30890 10. Field and Pool, or Wildcat: NANCY
	County: SAN JUAN State: UT

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 checked="" type="checkbox"/> Other DEEPEN <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"/> 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"/> Other _____ <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 <u>AS SOON AS POSSIBLE</u>	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

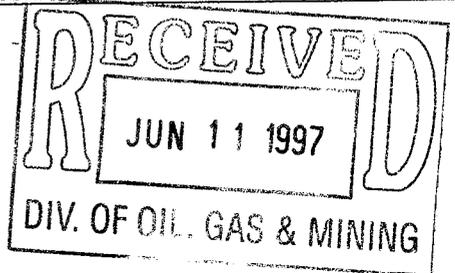
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- (1) MIRU. INSTALL BOP. TEST BOP TO 2000PSI.
- (2) ND WELLHEAD. RELEASE BAKER RDG3 PACKER.
- (3) POH W/ 2-7/8" 6.5# N-80 TBG.
- (4) SET WHIPSTOCK @ 5600-5580'.
- (5) RIH W/ MILL, MILL THROUGH CSG @ 5680-5695'.
- (6) DRILL 4" DIAMETER HOLE TO DEEPEN WELL THROUGH DESERT CREEK FORMATION TO 5840'; POH.
- (7) COMPLETE OPEN HOLE
- (8) RIH W/ 2-7/8" TBG AND SET PACKER @ 5525'± W/ PACKER FLUID IN ANNULUS.
- (9) NU WELLHEAD. RELEASE RIG.
- (10) PERFORM MIT ON CSG.
- (11) RETURN WELL TO INJECTION.

13. Name & Signature: MARILYN D. JACKSON *Marilyn Jackson* Title: PRODUCTION ANALYST Date: 6/9/97

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6-24-97
BY: [Signature]



PHONE CONVERSATION DOCUMENTATION FORM

This is the original form or a copy

Route this form to:

WELL FILE Little Nancy Fed. 3-32

SUSPENSE

OTHER

Return date _____

To: initials _____

Section 3 Township 38 S Range 25 W

API number 43-037-30890

Date of phone call: 6/19/97 Time: _____

DOGME employee (name) John Bara Initiated call?

Spoke with:

Name Sammy Seter Initiated call?

of (company/organization) Omimex Phone no. (817) 735-1500

Topic of conversation: Sundry notice submitted to sidetrack around junk.
(dated 6/9/97).

Highlights of conversation:

1. This will not involve substantial redrilling of hole. They are only sidetracking around junk and will be drilling a maximum of 200'.
2. They will complete the SWD well open hole.



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

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

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

August 19, 1997

Omimex Petroleum
5608 Malvey, Penthouse Suite
Fort Worth, Texas 76107

Re: Pressure Test for Mechanical Integrity, Little Nancy 3-32
Injection Well, Sec. 3, T. 38 S., R. 25 E., San Juan County,
Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing during the week of September 8-12, 1997 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.

Page 2

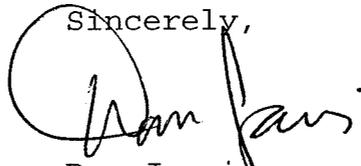
Omimex Petroleum

August 19, 1997

3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.
4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Please contact Brad Hill at (801)538-5315 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Jarvis". The signature is written in a cursive style with a large, circular initial "D".

Dan Jarvis
UIC Geologist

lwp

STATE OF UTAH
 Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

INJECTION WELL - PRESSURE TEST

Test Date: <u>9/9/97</u>	Well Owner/Operator: <u>OMIMEX PETROLEUM</u>
Disposal Well: <u>X</u>	Enhanced Recovery Well: _____ Other: _____
API No.: <u>43-037-30898</u>	Well Name/Number: <u>LITTLE NANCY 3-32</u>
Section: <u>3</u>	Township: <u>38 S</u> Range: <u>25 E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 400 psi
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1000 +</u>	<u>400</u>
5	<u>1000 -</u>	<u>400</u>
10	<u>1000 -</u>	<u>400</u>
15	<u>1000 -</u>	<u>400</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 400 psi
 Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

INJECTING APPROXIMATELY ONCE A WEEK.

Clifford Skon
 Operator Representative

[Signature]
 DOGM Witness



COMPANY TRICENTROL RESOURCES, INC.

FILE NO. RP-3-003268

WELL NANCY FEDERAL 3-32

DATE 6-12-83

FIELD NANCY CANYON

FORMATION ISMAY

ELEV. 5395 KB

COUNTY SAN JUAN STATE UTAH

DRLG. FLD. WBM

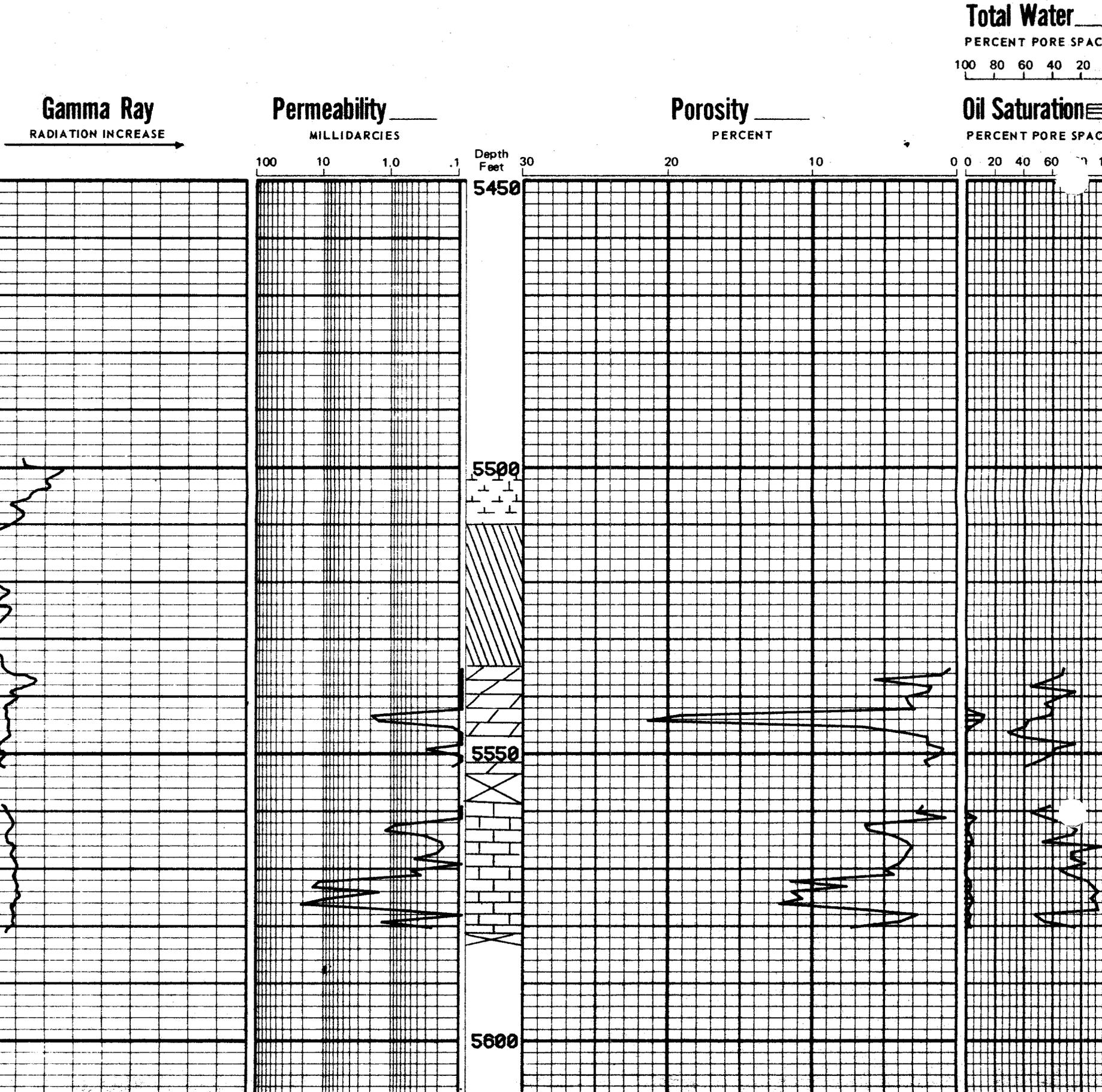
CORES _____

LOCATION SW, NE SEC. 3-38S-25E

CORRELATION COREGRAPH

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

VERTICAL SCALE: 5" = 100'



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

TRICENTROL RESOURCES, INC.

NANCY FEDERAL 3-32
NANCY CANYON
SAN JUAN, UTAH

TRICENTRAL RESOURCES INC.

NANCY FEDERAL 3-32
 NANCY CANYON
 SAN JUAN COUNTY

FORMATION : ISMAY
 DRLG. FLUID: WBM
 LOCATION : SW, NE SEC. 3-38S-25E
 STATE : UTAH

DATE : 6-12-83
 FILE NO. : RP-3-003268
 ANALYSTS : GG:DS
 ELEVATION: 5395 KB

FULL DIAMETER CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD)		POR. B.L.	FLUID SATS.		GR. DNS.	DESCRIPTION
		MAX.	90 DEG.		OIL	WATER		
	5499-5501							DOL/ANHY - NO ANALYSIS
	5501-5510							LM/SHL - NO ANALYSIS
	5510-5535							ANHYDRITE - NO ANALYSIS
1	5535-36	<0.01	*	0.4	0.0	31.9	2.94	ANHY GRY VFXLN
2	5536-37	**0.09	0.09	1.0	0.0	33.3	2.89	DOL BRN VFXLN CALC ANHY
3	5537-38	0.01	0.01	5.7	0.0	39.9	2.82	DOL BRN VFXLN CALC ANHY
4	5538-39	0.03	0.02	1.7	0.0	54.4	2.78	DOL BRN VFXLN CALC ANHY
5	5539-40	0.07	0.07	2.0	0.0	23.5	2.80	DOL BRN VFXLN CALC ANHY
6	5540-41	0.09	0.08	3.5	0.0	33.6	2.89	DOL BRN VFXLN CALC ANHY
7	5541-42	0.02	*	3.2	0.0	45.2	2.82	DOL BRN VFXLN CALC ANHY
8	5542-43	0.02	*	2.9	0.0	39.2	2.84	DOL BRN VFXLN CALC ANHY
9	5543-44	1.9	*	19.2	12.9	41.5	2.80	DOL BRN RTHY SL/ANHY
10	5544-45	1.5	*	21.4	10.8	56.2	2.78	DOL BRN RTHY SL/ANHY
11	5545-46	0.12	0.10	6.4	3.5	58.1	2.85	DOL GRY/BRN VFXLN CALC SL/ANHY
12	5546-47	0.05	0.03	3.7	0.0	69.8	2.82	DOL GRY/BRN VFXLN CALC SL/ANHY
13	5547-48	0.07	0.07	1.9	0.0	61.0	2.80	DOL GRY/BRN VFXLN CALC SL/ANHY
14	5548-49	0.05	0.02	2.0	0.0	23.7	2.80	DOL GRY/BRN VFXLN CALC SL/ANHY
15	5549-50	**0.31	*	0.9	0.0	37.4	2.77	DOL GRY/BRN VFXLN CALC SL/ANHY
16	5550-51	0.02	*	1.2	0.0	40.7	2.78	DOL GRY/BRN VFXLN CALC SL/ANHY
17	5551-52	0.01	*	2.2	0.0	48.4	2.79	DOL GRY/BRN VFXLN CALC SL/ANHY
18	5552-53	0.12	0.11	1.8	0.0	57.9	2.81	DOL GRY/BRN VFXLN CALC SL/ANHY
	5553-5559							CORE LOSS
19	5559-60	0.08	0.06	2.3	0.0	41.2	2.78	LM GRY/BRN VFXLN DOL SL/ANHY
20	5560-61	0.08	0.08	2.7	0.0	53.6	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
21	5561-62	0.08	0.06	0.7	7.2	43.4	2.77	LM GRY/BRN VFXLN DOL SL/ANHY

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TRICENTRAL RESOURCES INC.

NANCY FEDERAL 3-32
 NANCY CANYON
 SAN JUAN COUNTY

FORMATION : ISMAY
 DRLG. FLUID: WBM
 LOCATION : SW, NE SEC. 3-38S-25E
 STATE : UTAH

DATE : 6-12-83
 FILE NO. : RP-3-003268
 ANALYSTS : GC:DS
 ELEVATION: 5395 KB

FULL DIAMETER CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD)		POR. B.L.	FLUID SATS.		GR. DNS.	DESCRIPTION
		MAX.	90 DEG.		OIL	WATER		
22	5562-63	0.92	0.88	6.3	2.9	28.8	2.74	LM GRY/BRN VFXLN DOL SL/ANHY SL/VUG
23	5563-64	1.2	*	6.0	2.2	22.0	2.76	LM GRY/BRN VFXLN DOL SL/ANHY SL/VUG
24	5564-65	0.33	0.29	4.4	4.3	25.8	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
25	5565-66	0.18	*	3.4	5.8	46.4	2.75	LM GRY/BRN VFXLN DOL SL/ANHY
26	5566-67	0.17	0.15	3.0	2.6	5.1	2.76	LM GRY/BRN VFXLN DOL SL/ANHY
27	5567-68	0.21	*	3.3	3.3	26.1	2.74	LM GRY/BRN VFXLN DOL SL/ANHY
28	5568-69	** 0.46	** 0.34	3.6	3.3	26.6	2.76	LM GRY/BRN VFXLN DOL SL/ANHY
29	5569-70	0.09	*	3.9	0.0	17.0	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
30	5570-71	0.50	0.20	4.9	0.0	34.3	2.76	LM GRY/BRN VFXLN DOL SL/ANHY
31	5571-72	0.37	*	4.3	0.0	28.4	2.75	LM GRY/BRN VFXLN DOL SL/ANHY
32	5572-73	12	12	11.4	3.7	14.7	2.73	LM GRY/BRN VFXLN DOL SL/ANHY VUG
33	5573-74	15	*	7.6	4.5	10.8	2.71	LM GRY/BRN VFXLN DOL SL/ANHY VUG
34	5574-75	1.5	*	11.3	2.6	7.0	2.75	LM GRY/BRN VFXLN DOL SL/ANHY VUG
35	5575-76	10	7.6	10.6	4.8	11.9	2.72	LM GRY/BRN VFXLN DOL SL/ANHY VUG
36	5576-77	22	*	12.2	4.5	9.1	2.73	LM GRY/BRN VFXLN DOL SL/ANHY VUG
37	5577-78	0.63	*	6.0	2.3	7.0	2.74	LM GRY/BRN VFXLN DOL SL/ANHY VUG
38	5578-79	<0.01	*	2.6	4.3	51.1	2.79	LM GRY/BRN VFXLN ANHY DOL
39	5579-80	1.4	0.18	3.8	2.5	44.2	2.79	LM GRY/BRN VFXLN ANHY DOL
40	5580-81	0.25	*	7.2	4.5	23.8	2.74	LM GRY/BRN VFXLN ANHY DOL
	5581-5583							CORE LOSS

* SAMPLE UNSUITABLE FOR FULL DIAMETER ANALYSIS, CONV. PLUG USED

** HORIZONTAL FRACTURE PERMEABILITY

CORE NO. 1 5499 - 5559

CORE NO. 2 5559 - 5583 EXPOSED

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

TRICENTROL RESOURCES, INC.
NANCY FEDERAL 3-32

DATE : 6-12-83
FORMATION : ISMAY

FILE NO. : RP-3-003268
ANALYSTS : GG:DS

*** CORE SUMMARY AVERAGES FOR 1 ZONE ***

DEPTH INTERVAL: 5535.0 TO 5581.0

FEET OF CORE ANALYZED : 40.0 FEET OF CORE INCLUDED IN AVERAGES: 40.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.) : 0.00 TO 22. (UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%) : 0.3 TO 100.0
OIL SATURATION RANGE (%) : 0.0 TO 13.0
WATER SATURATION RANGE (%) : 5.0 TO 69.9

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGES FOR DEPTH INTERVAL: 5535.0 TO 5581.0

AVERAGE PERMEABILITY (MILLIDARCIES)

ARITHMETIC PERMEABILITY : 1.8
GEOMETRIC PERMEABILITY : 0.20
HARMONIC PERMEABILITY : 0.05

PRODUCTIVE CAPACITY (MILLIDARCY-FEET)

ARITHMETIC CAPACITY : 72.
GEOMETRIC CAPACITY : 8.2
HARMONIC CAPACITY : 2.0

AVERAGE POROSITY (PERCENT) : 5.1

AVERAGE TOTAL WATER SATURATION : 31.4
(PERCENT OF PORE SPACE)

AVERAGE RESIDUAL OILSATURATION : 4.4
(PERCENT OF PORE SPACE)

PERMEABILITY VS POROSITY

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

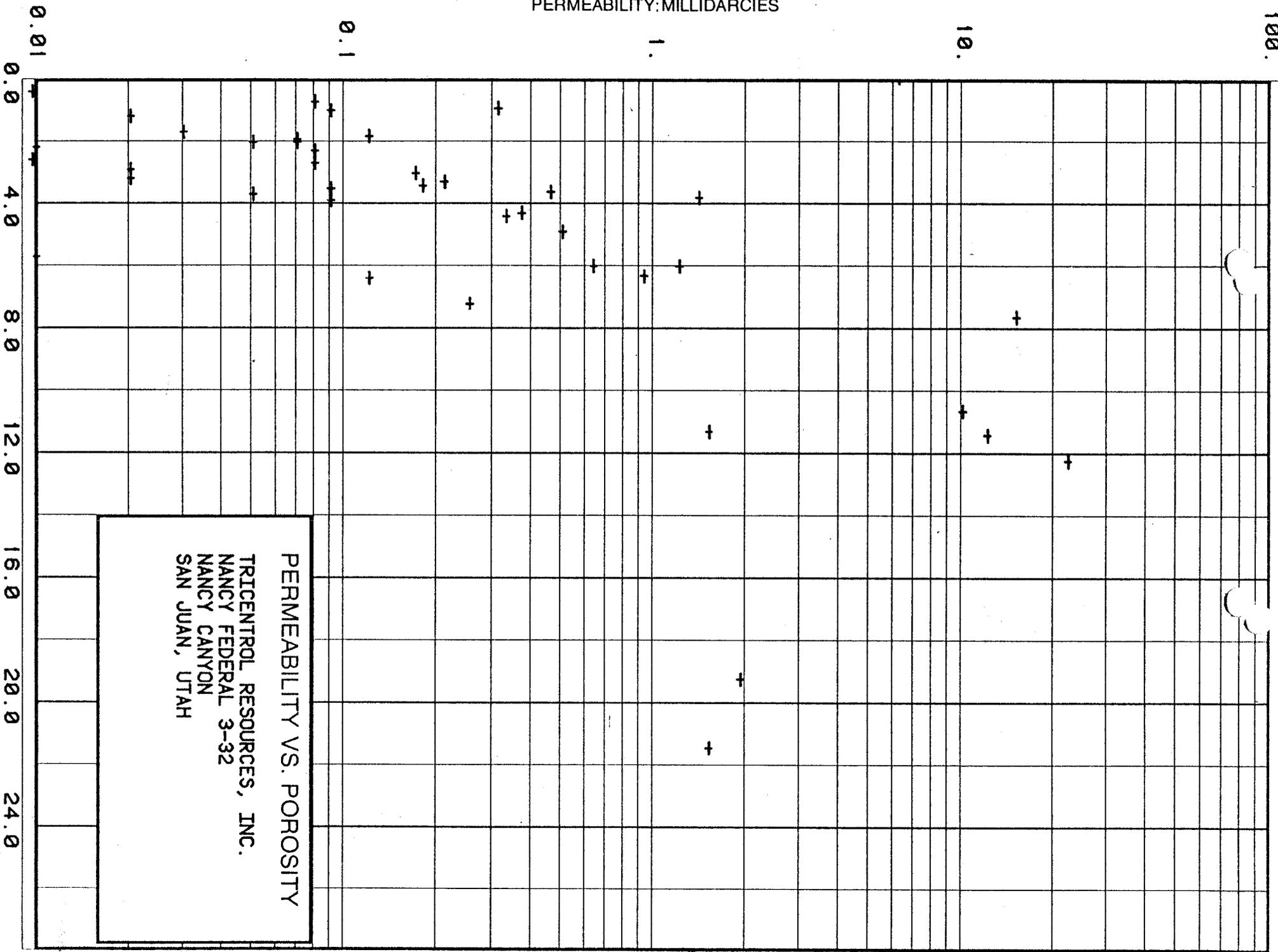
WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
 POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
5535.0 - 5581.0	1 (+)	0.000	22.1	0.3	21.5	5.1	1.8	0.05	0.20

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PERMEABILITY: MILLIDARCIES



PERMEABILITY VS. POROSITY
TRICENTROL RESOURCES, INC.
NANCY FEDERAL 3-32
NANCY CANYON
SAN JUAN, UTAH

Gamma Ray

RADIATION INCREASE →

Permeability

MILLIDARCIES

Porosity

PERCENT

Oil Saturation

PERCENT PORE SPACE

100 10 1.0 .1

Depth Feet 30

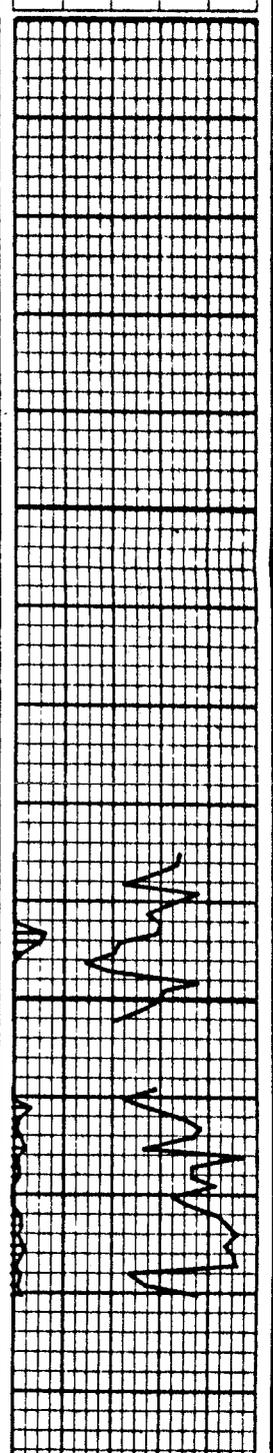
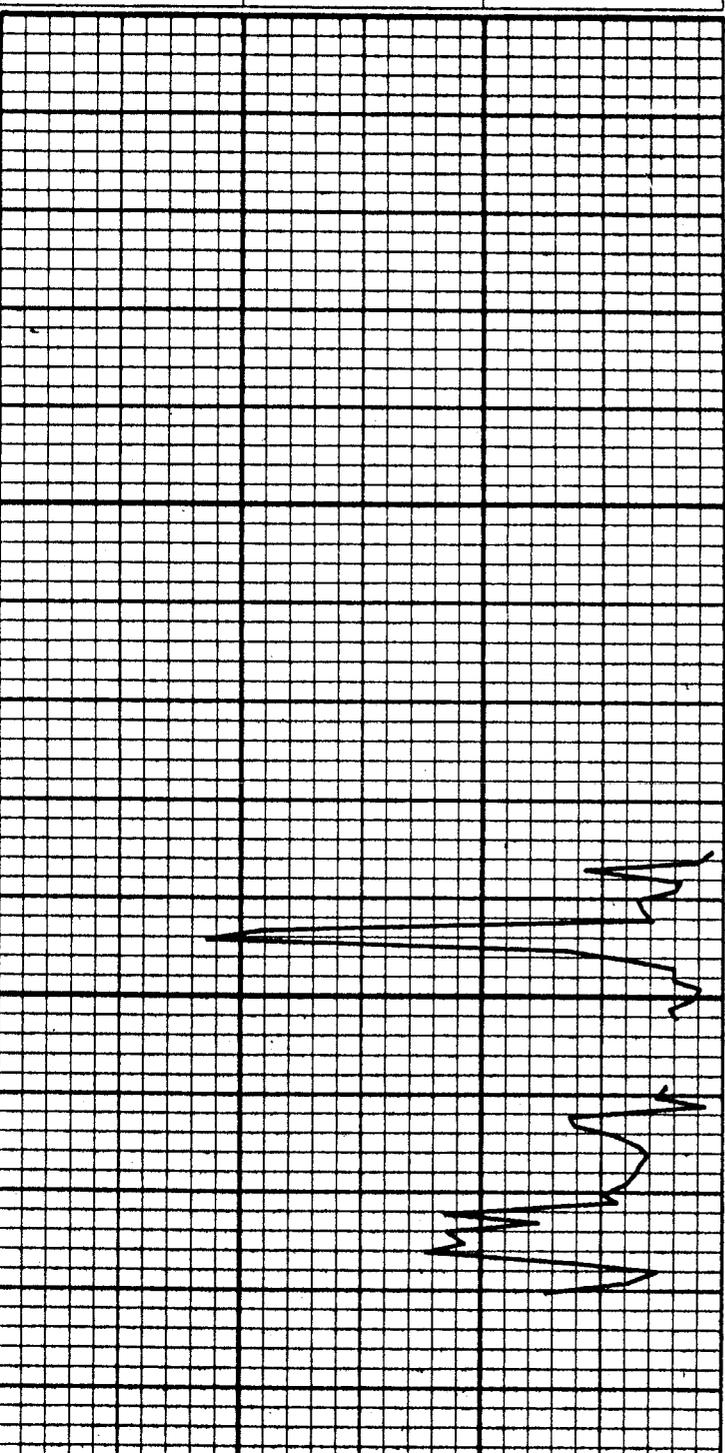
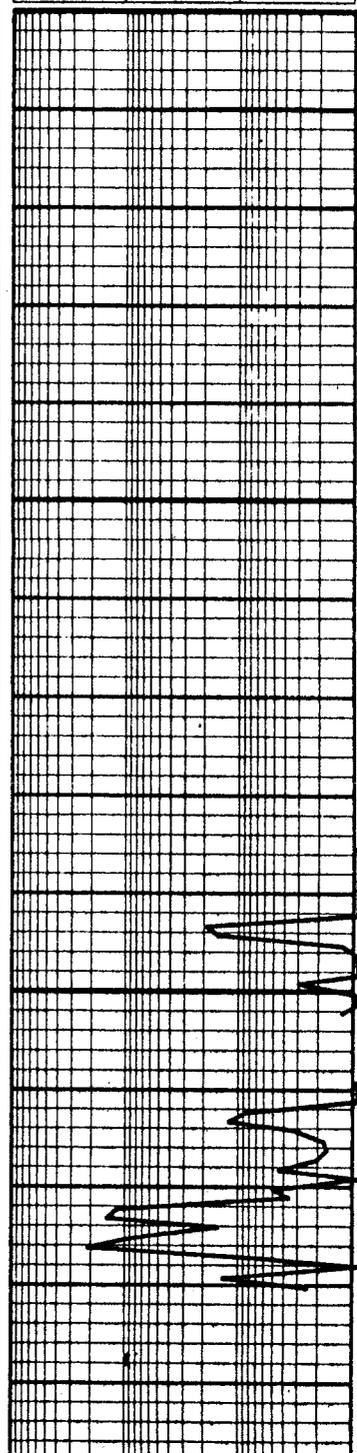
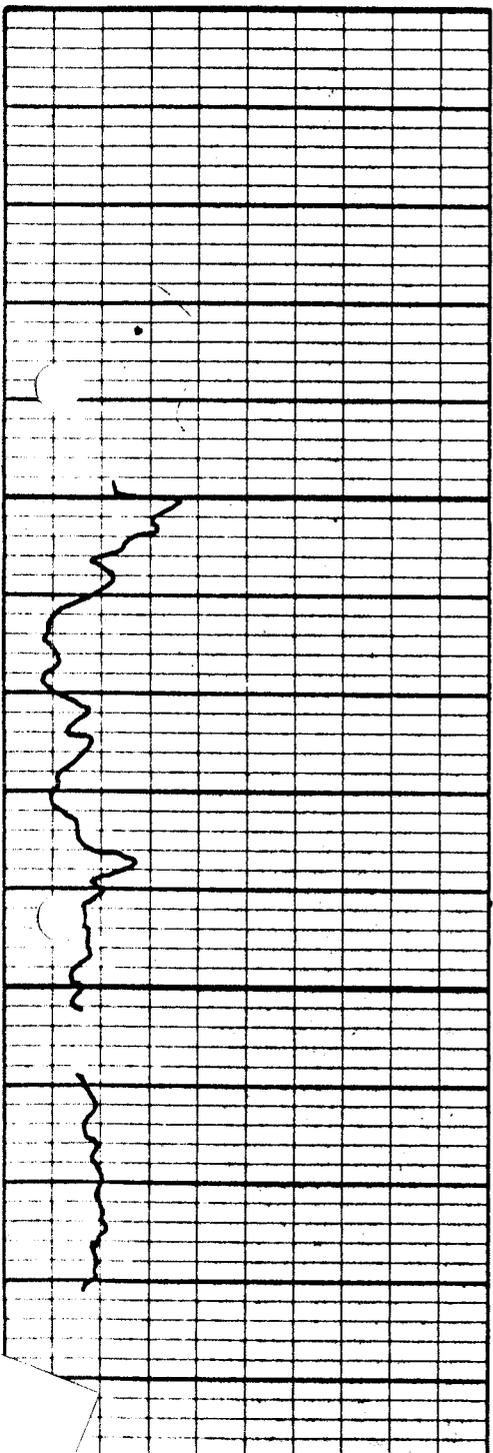
20 10

0 0 20 40 60 80 100

5450

5500

5550



STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
COUNTY, STATE: SAN JUAN, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.000 TO 22.
POROSITY : PERCENT (HELIUM) RANGE USED 0.3 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 5535.0 - 5581.0 INTERVAL LENGTH : 46.0
FEET ANALYZED IN ZONE : 40.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
5.1	1.8	0.05	0.20

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.0 - 2.0	8.0	1.2	0.056	0.091	20.0	20.0
2.0 - 4.0	16.0	3.0	0.076	0.187	40.0	60.0
4.0 - 6.0	4.0	4.8	0.157	0.302	10.0	70.0
6.0 - 8.0	6.0	6.6	0.824	3.0	15.0	85.0
10.0 - 12.0	3.0	11.1	5.6	7.8	7.5	92.5
12.0 - 14.0	1.0	12.2	22.	22.	2.5	95.0
18.0 - 20.0	1.0	19.2	1.9	1.9	2.5	97.5
20.0 - 22.0	1.0	21.4	1.5	1.5	2.5	100.0

TOTAL NUMBER OF FEET = 40.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	2.0	0.009	0.009	1.5	5.0	5.0
0.010 - 0.020	2.0	0.010	0.010	4.0	5.0	10.0
0.020 - 0.039	4.0	0.022	0.023	2.3	10.0	20.0
0.039 - 0.078	4.0	0.059	0.060	2.4	10.0	30.0
0.078 - 0.156	8.0	0.093	0.094	2.8	20.0	50.0
0.156 - 0.312	5.0	0.218	0.224	3.6	12.5	62.5
0.312 - 0.625	4.0	0.409	0.415	4.3	10.0	72.5
0.625 - 1.250	3.0	0.886	0.917	6.1	7.5	80.0
1.250 - 2.500	4.0	1.6	1.6	13.9	10.0	90.0
10.- 20.	3.0	12.	12.	9.9	7.5	97.5
20.- 40.	1.0	22.	22.	12.2	2.5	100.0

TOTAL NUMBER OF FEET = 40.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
-----	-----	-----	-----	-----	-----	-----
0.0	0.0	0.0	40.0	100.0	5.1	3.5
2.0	8.0	4.7	32.0	95.3	6.0	4.0
4.0	24.0	28.5	16.0	71.5	9.1	7.3
6.0	28.0	38.0	12.0	62.0	10.5	8.0
8.0	34.0	57.5	6.0	42.5	14.4	12.0
10.0	34.0	57.5	6.0	42.5	14.4	12.0
12.0	37.0	73.9	3.0	26.1	17.6	19.0
14.0	38.0	80.0	2.0	20.0	20.3	20.0
16.0	38.0	80.0	2.0	20.0	20.3	20.0
18.0	38.0	80.0	2.0	20.0	20.3	20.0
20.0	39.0	89.4	1.0	10.6	21.4	
22.0	40.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 202.6

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

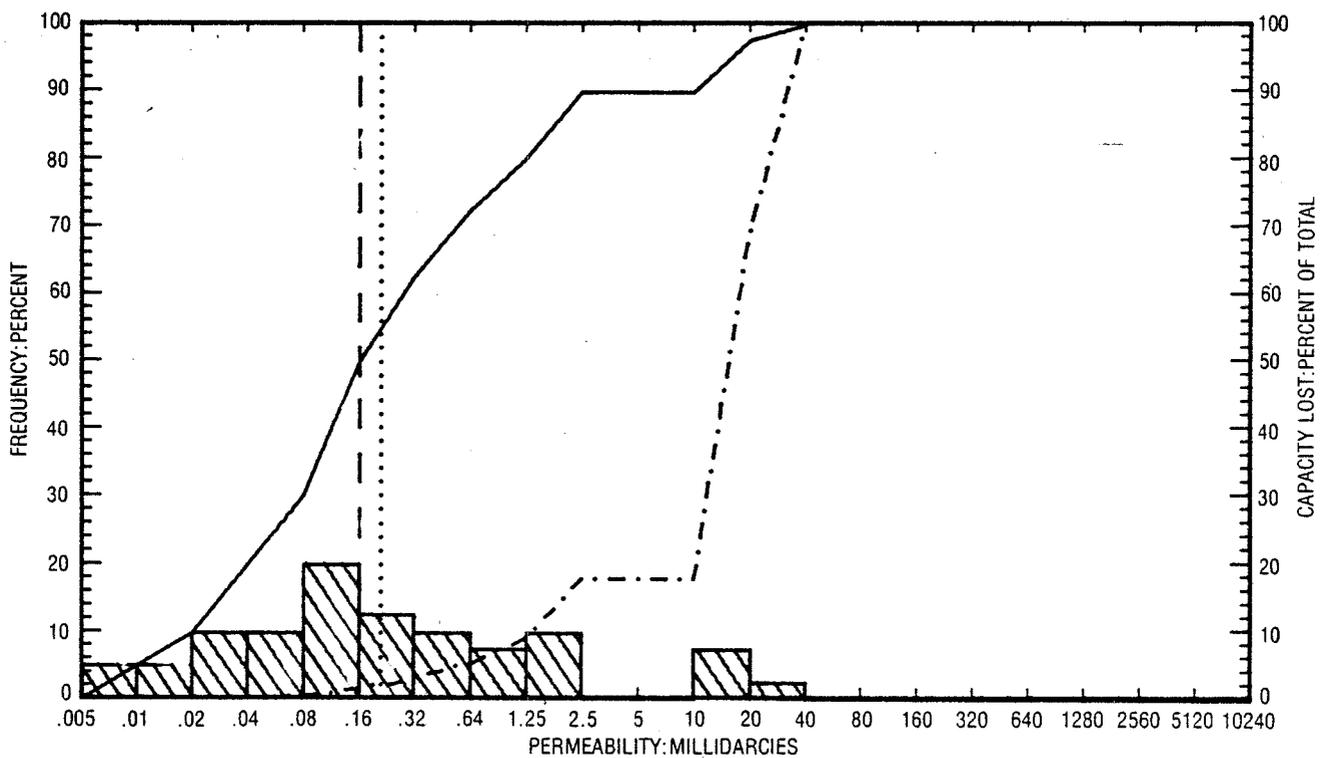
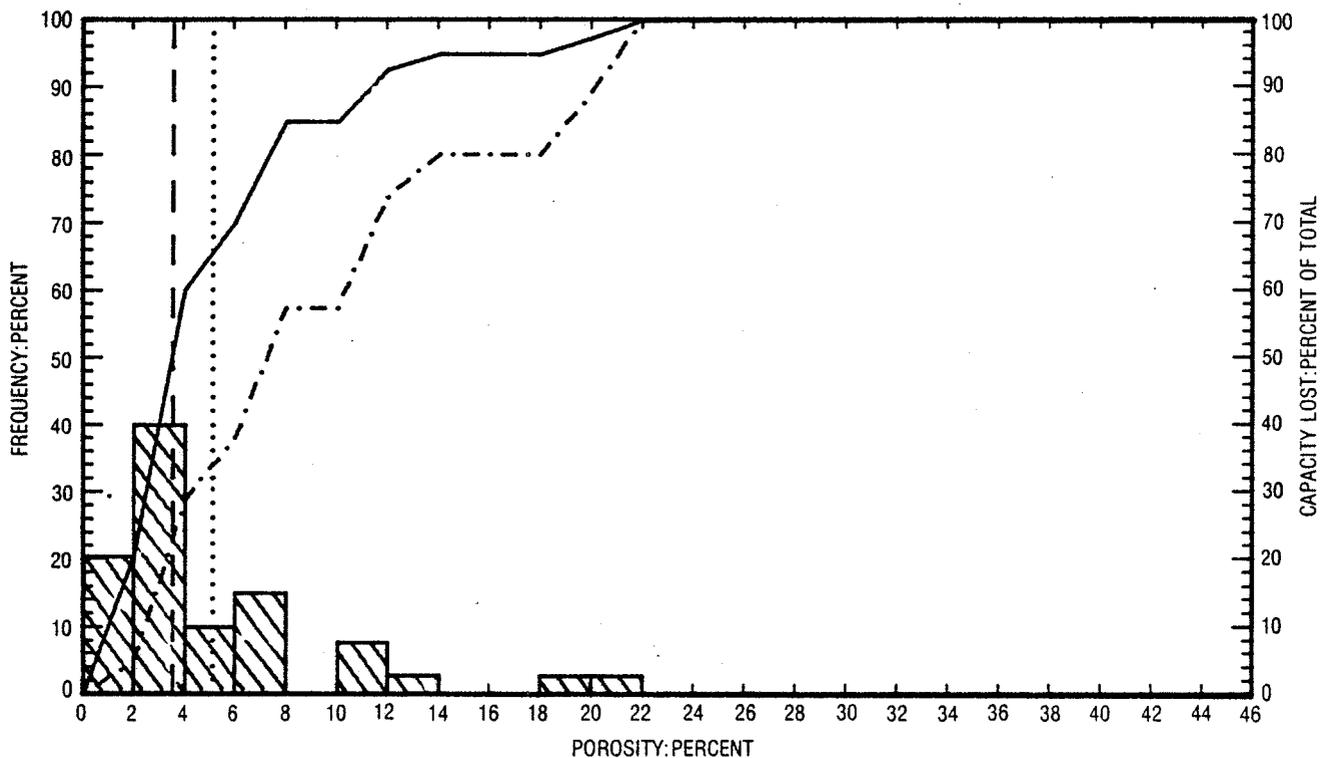
COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
-----	-----	-----	-----	-----	-----	-----
0.005	0.0	0.0	40.0	100.0	0.20	0.16
0.010	2.0	0.0	38.0	100.0	0.24	0.18
0.020	4.0	0.1	36.0	99.9	0.29	0.21
0.039	8.0	0.2	32.0	99.8	0.40	0.27
0.078	12.0	0.5	28.0	99.5	0.52	0.37
0.156	20.0	1.6	20.0	98.4	1.04	0.79
0.312	25.0	3.1	15.0	96.9	1.76	1.36
0.625	29.0	5.4	11.0	94.6	2.98	1.93
1.250	32.0	9.2	8.0	90.8	4.70	2.50
2.500	36.0	18.0	4.0	82.0	14.11	15.87
5.	36.0	18.0	4.0	82.0	14.11	
10.	36.0	18.0	4.0	82.0	14.11	
20.	39.0	69.4	1.0	30.6	22.00	
40.	40.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 71.95



PERMEABILITY AND POROSITY HISTOGRAMS

TRICENTROL RESOURCES, INC.
 NANCY FEDERAL 3-32
 NANCY CANYON
 SAN JUAN, UTAH

LEGEND
 ARITHMETIC MEAN POROSITY
 GEOMETRIC MEAN PERMEABILITY
 MEDIAN VALUE - - - - -
 CUMULATIVE FREQUENCY _____
 CUMULATIVE CAPACITY LOST - . - . - .



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY TRICENTRAL RESOURCES, INC. FILE NO. RP-3-003268
 WELL NANCY FEDERAL 3-32 DATE 6-12-83 ENGRS. GG:DS
 FIELD NANCY CANYON FORMATION ISMAY ELEV. 5395 KB
 COUNTY SAN JUAN STATE UTAH DRLG. FLD. WBM CORES _____

CoRes Log

CORE and RESISTIVITY EVALUATION

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RESISTIVITY PARAMETERS: $a = 1.00$ $m = 2.00$ $n = 2.00$. Depths 5535.0 to 5581.0 .
 $a =$ _____ $m =$ _____ $n =$ _____ . Depths _____ to _____ .

PERMEABILITY
MILLIDARCIES

CORE ANALYSIS CALCULATED RESISTIVITY

R_o = OHM-METERS AT 100% S_w _____

R_{mp} = OHM-METERS AT CRITICAL S_w _____

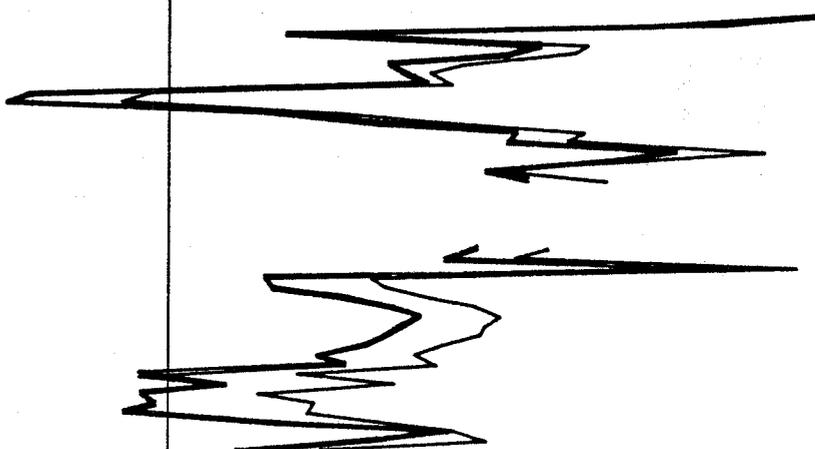
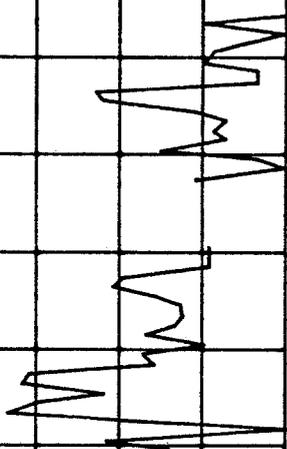
DEPTH FEET
1000 100 10 1.0 0.1 0.01

← ONE OHM-METER REFERENCE FOR $R_w = 0.01$

5500

5550

5600



PRELIMINARY REPORT

3

TRICENTRAL RESOURCES INC.

NANCY FEDERAL 3-32	FORMATION : ISMAY	DATE : 6-12-83
NANCY CANYON	DRLG. FLUID: WBM	FILE NO. : RP-3-003268
SAN JUAN COUNTY	LOCATION : SW,NE SEC.3-38S-25E	ANALYSTS : GG:DS
	STATE : UTAH	ELEVATION: 5395 KB

FULL DIAMETER CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

CAMP. NO.	DEPTH	PERM. TO AIR (MD) MAX.	AIR (MD) 90 DEG.	POR. B.L.	FLUID OIL	SATS. WATER	GR. DNS.	DESCRIPTION
	5499-5501							DOL/ANHY - NO ANALYSIS
	5501-5510							LM/SHL - NO ANALYSIS
	5510-5535							ANHYDRITE - NO ANALYSIS
1	5535-36	<0.01	*	0.4	0.0	31.9	2.94	ANHY GRY VFXLN
2	5536-37	**0.09	0.09	1.0	0.0	33.3	2.89	DOL BRN VFXLN CALC ANHY
3	5537-38	0.01	0.01	5.7	0.0	39.9	2.82	DOL BRN VFXLN CALC ANHY
4	5538-39	0.03	0.02	1.7	0.0	54.4	2.78	DOL BRN VFXLN CALC ANHY
5	5539-40	0.07	0.07	2.0	0.0	23.5	2.80	DOL BRN VFXLN CALC ANHY
6	5540-41	0.09	0.08	3.5	0.0	33.6	2.89	DOL BRN VFXLN CALC ANHY
7	5541-42	0.02	*	3.2	0.0	45.2	2.82	DOL BRN VFXLN CALC ANHY
8	5542-43	0.02	*	2.9	0.0	39.2	2.84	DOL BRN VFXLN CALC ANHY
9	5543-44	1.9	*	19.2	12.9	41.5	2.80	DOL BRN RTHY SL/ANHY
10	5544-45	1.5	*	21.4	10.8	56.2	2.78	DOL BRN RTHY SL/ANHY
11	5545-46	0.12	0.10	6.4	3.5	58.1	2.85	DOL GRY/BRN VFXLN CALC SL/ANHY
12	5546-47	0.05	0.03	3.7	0.0	69.8	2.82	DOL GRY/BRN VFXLN CALC SL/ANHY
13	5547-48	0.07	0.07	1.9	0.0	61.0	2.80	DOL GRY/BRN VFXLN CALC SL/ANHY
14	5548-49	0.05	0.02	2.0	0.0	23.7	2.80	DOL GRY/BRN VFXLN CALC SL/ANHY
15	5549-50	**0.31	*	0.9	0.0	37.4	2.77	DOL GRY/BRN VFXLN CALC SL/ANHY
16	5550-51	0.02	*	1.2	0.0	40.7	2.78	DOL GRY/BRN VFXLN CALC SL/ANHY
17	5551-52	0.01	*	2.2	0.0	48.4	2.79	DOL GRY/BRN VFXLN CALC SL/ANHY
18	5552-53	0.12	0.11	1.8	0.0	57.9	2.81	DOL GRY/BRN VFXLN CALC SL/ANHY
	5553-5559							CORE LOSS
19	5559-60	0.08	0.06	2.3	0.0	41.2	2.78	LM GRY/BRN VFXLN DOL SL/ANHY
20	5560-61	0.08	0.08	2.7	0.0	53.6	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
21	5561-62	0.08	0.06	0.7	7.2	43.4	2.77	LM GRY/BRN VFXLN DOL SL/ANHY

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 JUN 10 1983

DIVISION OF
 OIL, GAS & MINING

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TRICENTRAL RESOURCES INC.

NANCY FEDERAL 3-32	FORMATION : ISMAY	DATE : 6-12-83
NANCY CANYON	DRLG. FLUID: WBM	FILE NO. : RF-3-003268
SAN JUAN COUNTY	LOCATION : SW,NE SEC.3-38S-25E	ANALYSTS : GG:DS
	STATE : UTAH	ELEVATION: 5395 KB

FULL DIAMETER CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD)		POR. B.L.	FLUID SATS.		GR. DNS.	DESCRIPTION					
		MAX.	90 DEG.		OIL	WATER							
22	5562-63	0.92	0.88	6.3	2.9	28.8	2.74	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	SL/VUG
23	5563-64	1.2	*	6.0	2.2	22.0	2.76	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	SL/VUG
24	5564-65	0.33	0.29	4.4	4.3	25.8	2.77	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
25	5565-66	0.18	*	3.4	5.8	46.4	2.75	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
26	5566-67	0.17	0.15	3.0	2.6	5.1	2.76	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
27	5567-68	0.21	*	3.3	3.3	26.1	2.74	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
28	5568-69	** 0.46	** 0.34	3.6	3.3	26.6	2.76	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
29	5569-70	0.09	*	3.9	0.0	17.0	2.77	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
30	5570-71	0.50	0.20	4.9	0.0	34.3	2.76	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
31	5571-72	0.37	*	4.3	0.0	28.4	2.75	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	
32	5572-73	12	12	11.4	3.7	14.7	2.73	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	VUG
33	5573-74	15	*	7.6	4.5	10.8	2.71	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	VUG
34	5574-75	1.5	*	11.3	2.6	7.0	2.75	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	VUG
35	5575-76	10	7.6	10.6	4.8	11.9	2.72	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	VUG
36	5576-77	22	*	12.2	4.5	9.1	2.73	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	VUG
37	5577-78	0.63	*	6.0	2.3	7.0	2.74	LM	GRY/BRN	VFXLN	DOL	SL/ANHY	VUG
38	5578-79	<0.01	*	2.6	4.3	51.1	2.79	LM	GRY/BRN	VFXLN	ANHY	DOL	
39	5579-80	1.4	0.18	3.8	2.5	44.2	2.79	LM	GRY/BRN	VFXLN	ANHY	DOL	
40	5580-81	0.25	*	7.2	4.5	23.8	2.74	LM	GRY/BRN	VFXLN	ANHY	DOL	
	5581-5583												CORE LOSS

* SAMPLE UNSUITABLE FOR FULL DIAMETER ANALYSIS, CONV. PLUG USED

** HORIZONTAL FRACTURE PERMEABILITY

CORE NO. 1 5499 - 5559

CORE NO. 2 5559 - 5583 EXPOSED



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY TRICENTROL RESOURCES INC FIELD NANCY CANYON FILE RP-3-003268
 WELL NANCY FEDERAL 3-32 COUNTY SAN JUAN DATE 6-12-83
 LOCATION SW, NE SEC. 3-388-25E STATE UTAH ELEV. 5395 KB

CORE-GAMMA CORRELATION

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

VERTICAL SCALE: 5" = 100'

CORE-GAMMA SURFACE LOG

(PATENT APPLIED FOR)

GAMMA RAY

RADIATION INCREASE →

ISMAY FORMATION

COREGRAPH

TOTAL WATER

PERCENT TOTAL WATER
80 60 40 20 0

PERMEABILITY

MILLIDARCS

100 50 10 5

POROSITY

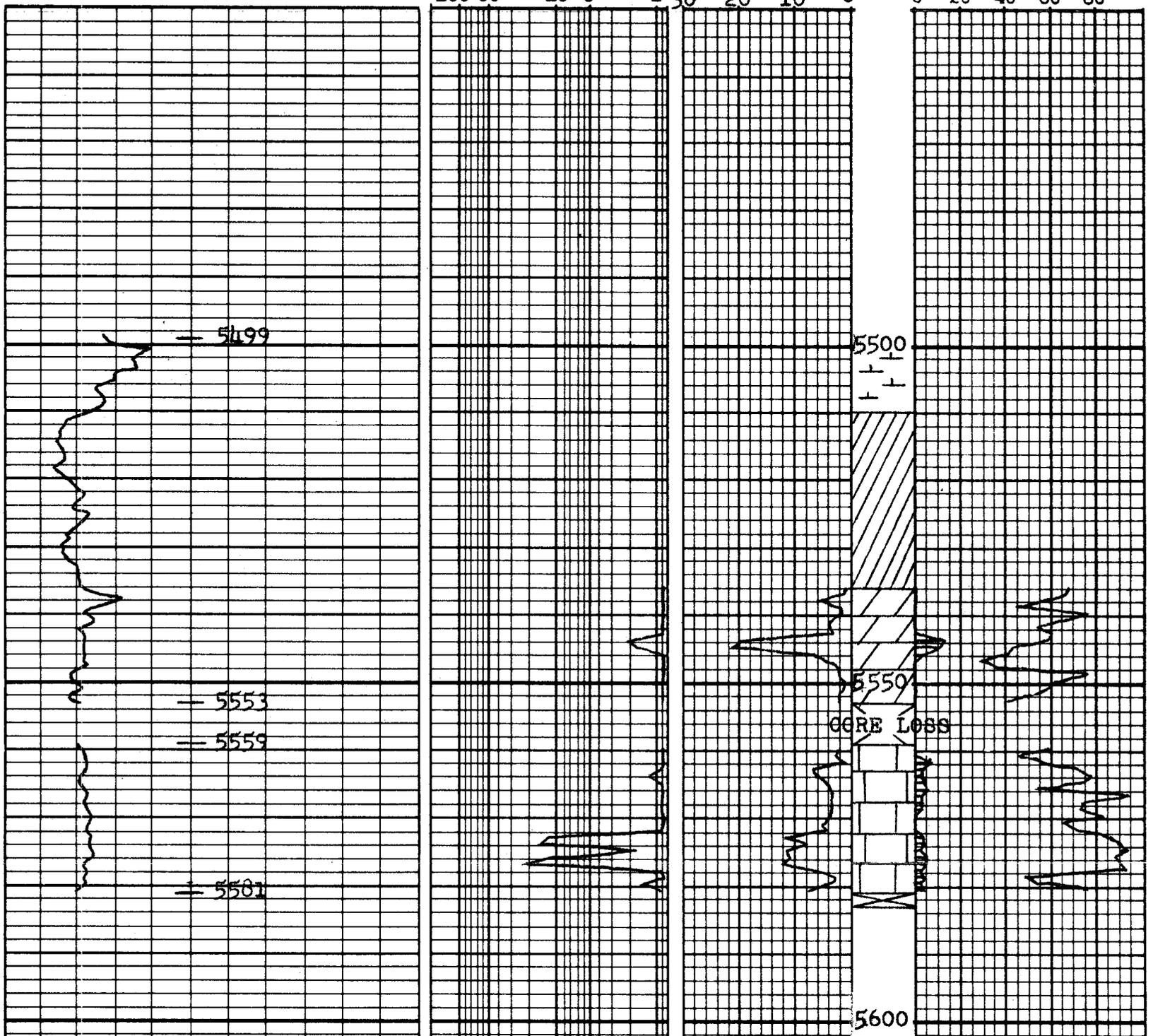
PERCENT

1 30 20 10 0

OIL SATURATION

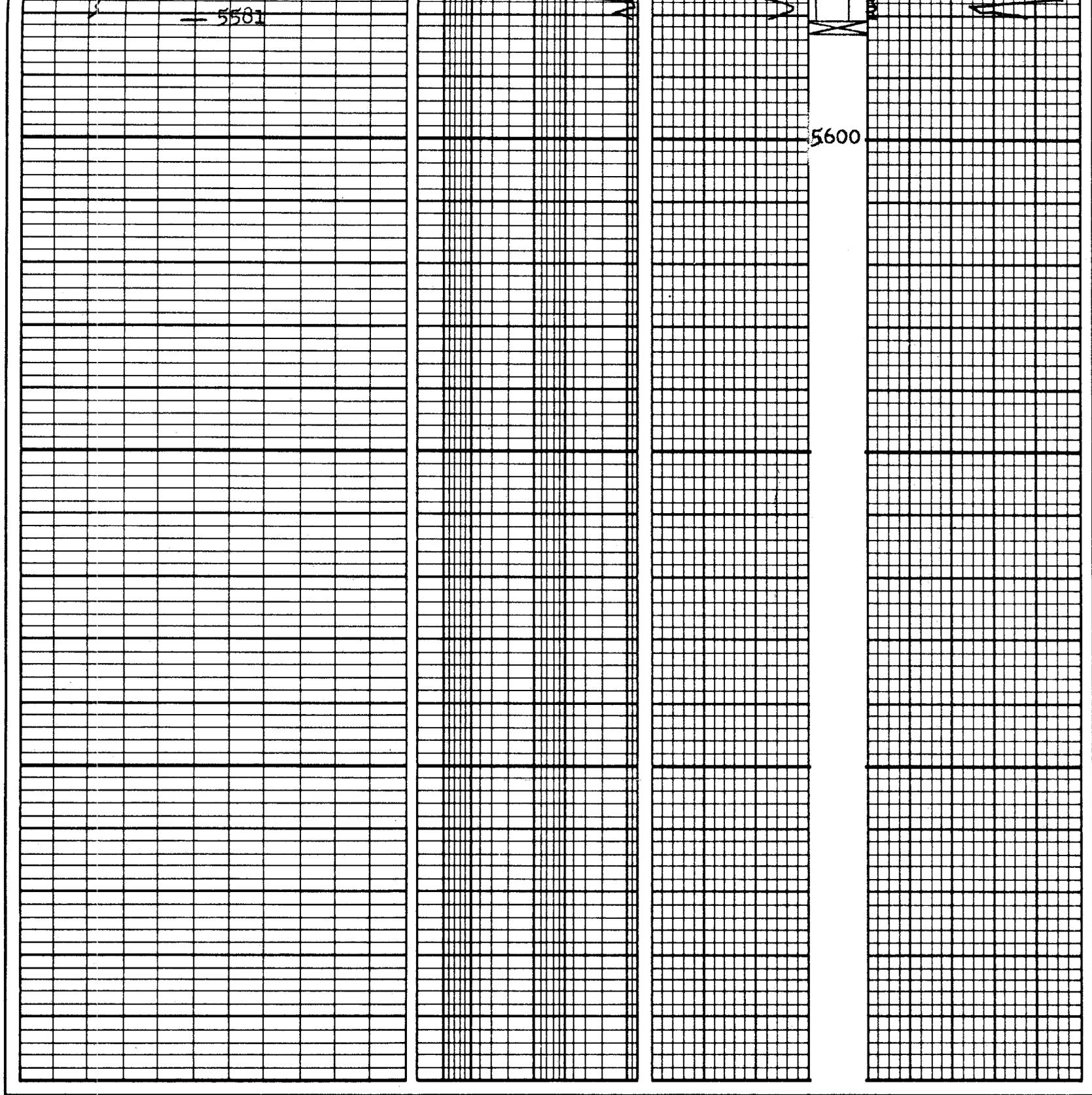
PERCENT PORE SPACE

0 20 40 60 80



5581

5600



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

TRICENTROL RESOURCES, INC.

✓ NANCY FEDERAL 3-32
NANCY CANYON
SAN JUAN, UTAH

TERRACENTRAL RESOURCES INC.

NANCY FEDERAL 3-32	FORMATION : ISMAY	DATE : 6-12-83
NANCY CANYON	DRLG. FLUID: WBM	FILE NO. : RP-3-003268
SAN JUAN COUNTY	LOCATION : SW,NE SEC.3-38S-25E	ANALYSTS : GG:DS
	STATE : UTAH	ELEVATION: 5395 KE

FULL DIAMETER CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) MAX.	90 DEG.	POR. B.L.	FLUID OIL	SATS. WATER	GR. DNS.	DESCRIPTION
	5499-5501							DOL/ANHY - NO ANALYSIS
	5501-5510							LM/SHL - NO ANALYSIS
	5510-5535							ANHYDRITE - NO ANALYSIS
1	5535-36	<0.01	*	0.4	0.0	31.9	2.94	ANHY GRY VFXLN
2	5536-37	**0.09	0.09	1.0	0.0	33.3	2.89	DOL BRN VFXLN CALC ANHY
3	5537-38	0.01	0.01	5.7	0.0	39.9	2.82	DOL BRN VFXLN CALC ANHY
4	5538-39	0.03	0.02	1.7	0.0	54.4	2.78	DOL BRN VFXLN CALC ANHY
5	5539-40	0.07	0.07	2.0	0.0	23.5	2.80	DOL BRN VFXLN CALC ANHY
6	5540-41	0.09	0.08	3.5	0.0	33.6	2.89	DOL BRN VFXLN CALC ANHY
7	5541-42	0.02	*	3.2	0.0	45.2	2.82	DOL BRN VFXLN CALC ANHY
8	5542-43	0.02	*	2.9	0.0	39.2	2.84	DOL BRN VFXLN CALC ANHY
9	5543-44	1.9	*	19.2	12.9	41.5	2.80	DOL BRN RTHY SL/ANHY
10	5544-45	1.5	*	21.4	10.8	56.2	2.78	DOL BRN RTHY SL/ANHY
11	5545-46	0.12	0.10	6.4	3.5	58.1	2.85	DOL GRY/BRN VFXLN CALC SL/ANHY
12	5546-47	0.05	0.03	3.7	0.0	69.8	2.82	DOL GRY/BRN VFXLN CALC SL/ANHY
13	5547-48	0.07	0.07	1.9	0.0	61.0	2.80	DOL GRY/BRN VFXLN CALC SL/ANHY
14	5548-49	0.05	0.02	2.0	0.0	23.7	2.80	DOL GRY/BRN VFXLN CALC SL/ANHY
15	5549-50	**0.31	*	0.9	0.0	37.4	2.77	DOL GRY/BRN VFXLN CALC SL/ANHY
16	5550-51	0.02	*	1.2	0.0	40.7	2.78	DOL GRY/BRN VFXLN CALC SL/ANHY
17	5551-52	0.01	*	2.2	0.0	48.4	2.79	DOL GRY/BRN VFXLN CALC SL/ANHY
18	5552-53	0.12	0.11	1.8	0.0	57.9	2.81	DOL GRY/BRN VFXLN CALC SL/ANHY
	5553-5559							CORE LOSS
19	5559-60	0.08	0.06	2.3	0.0	41.2	2.78	LM GRY/BRN VFXLN DOL SL/ANHY
20	5560-61	0.08	0.08	2.7	0.0	53.6	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
21	5561-62	0.08	0.06	0.7	7.2	43.4	2.77	LM GRY/BRN VFXLN DOL SL/ANHY

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TRICENTRAL RESOURCES INC.

NANCY FEDERAL 3-32
NANCY CANYON
SAN JUAN COUNTY

FORMATION : ISMAY
DRLG. FLUID: WEM
LOCATION : SW,NE SEC.3-38S-25E
STATE : UTAH

DATE : 6-12-83
FILE NO. : RP-3-003268
ANALYSTS : CG:DS
ELEVATION: 5395 KB

FULL DIAMETER CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD)		POR. B.L.	FLUID SATS.		GR. DNS.	DESCRIPTION
		MAX.	90 DEG.		OIL	WATER		
22	5562-63	0.92	0.88	6.3	2.9	28.8	2.74	LM GRY/BRN VFXLN DOL SL/ANHY SL/VUG
23	5563-64	1.2	*	6.0	2.2	22.0	2.76	LM GRY/BRN VFXLN DOL SL/ANHY SL/VUG
24	5564-65	0.33	0.29	4.4	4.3	25.8	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
25	5565-66	0.18	*	3.4	5.8	46.4	2.75	LM GRY/BRN VFXLN DOL SL/ANHY
26	5566-67	0.17	0.15	3.0	2.6	5.1	2.76	LM GRY/BRN VFXLN DOL SL/ANHY
27	5567-68	0.21	*	3.3	3.3	26.1	2.74	LM GRY/BRN VFXLN DOL SL/ANHY
28	5568-69	** 0.46	** 0.34	3.6	3.3	26.6	2.76	LM GRY/BRN VFXLN DOL SL/ANHY
29	5569-70	0.09	*	3.9	0.0	17.0	2.77	LM GRY/BRN VFXLN DOL SL/ANHY
30	5570-71	0.50	0.20	4.9	0.0	34.3	2.76	LM GRY/BRN VFXLN DOL SL/ANHY
31	5571-72	0.37	*	4.3	0.0	28.4	2.75	LM GRY/BRN VFXLN DOL SL/ANHY
32	5572-73	12	12	11.4	3.7	14.7	2.73	LM GRY/BRN VFXLN DOL SL/ANHY VUG
33	5573-74	15	*	7.6	4.5	10.8	2.71	LM GRY/BRN VFXLN DOL SL/ANHY VUG
34	5574-75	1.5	*	11.3	2.6	7.0	2.75	LM GRY/BRN VFXLN DOL SL/ANHY VUG
35	5575-76	10	7.6	10.6	4.8	11.9	2.72	LM GRY/BRN VFXLN DOL SL/ANHY VUG
36	5576-77	22	*	12.2	4.5	9.1	2.73	LM GRY/BRN VFXLN DOL SL/ANHY VUG
37	5577-78	0.63	*	6.0	2.3	7.0	2.74	LM GRY/BRN VFXLN DOL SL/ANHY VUG
38	5578-79	<0.01	*	2.6	4.3	51.1	2.79	LM GRY/BRN VFXLN ANHY DOL
39	5579-80	1.4	0.18	3.8	2.5	44.2	2.79	LM GRY/BRN VFXLN ANHY DOL
40	5580-81	0.25	*	7.2	4.5	23.8	2.74	LM GRY/BRN VFXLN ANHY DOL
	5581-5583							CORE LOSS

* SAMPLE UNSUITABLE FOR FULL DIAMETER ANALYSIS; CONV. PLUG USED

** HORIZONTAL FRACTURE PERMEABILITY

CORE NO. 1 5499 - 5559

CORE NO. 2 5559 - 5583 EXPOSED

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

TRICENTROL RESOURCES, INC.
NANCY FEDERAL 3-32

DATE : 6-12-83
FORMATION : ISMAY

FILE NO. : RP-3-003268
ANALYSTS : GG:DS

*** CORE SUMMARY AVERAGES FOR 1 ZONE ***

DEPTH INTERVAL: 5535.0 TO 5581.0

FEET OF CORE ANALYZED : 40.0 FEET OF CORE INCLUDED IN AVERAGES: 40.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.) : 0.00 TO 22. (UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%) : 0.3 TO 100.0
OIL SATURATION RANGE (%) : 0.0 TO 13.0
WATER SATURATION RANGE (%) : 5.0 TO 69.9

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGES FOR DEPTH INTERVAL: 5535.0 TO 5581.0

AVERAGE PERMEABILITY (MILLIDARCIES)

ARITHMETIC PERMEABILITY : 1.8
GEOMETRIC PERMEABILITY : 0.20
HARMONIC PERMEABILITY : 0.05

PRODUCTIVE CAPACITY (MILLIDARCY-FEET)

ARITHMETIC CAPACITY : 72.
GEOMETRIC CAPACITY : 8.2
HARMONIC CAPACITY : 2.0

AVERAGE POROSITY (PERCENT) : 5.1

AVERAGE TOTAL WATER SATURATION : 31.4
(PERCENT OF PORE SPACE)

AVERAGE RESIDUAL OILSATURATION : 4.4
(PERCENT OF PORE SPACE)

PERMEABILITY VS POROSITY

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
 POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
5535.0 - 5581.0	1 (+)	0.000	22.1	0.3	21.5	5.1	1.8	0.05	0.20

PERMEABILITY: MILLIDARCIES

10.

1.

0.1

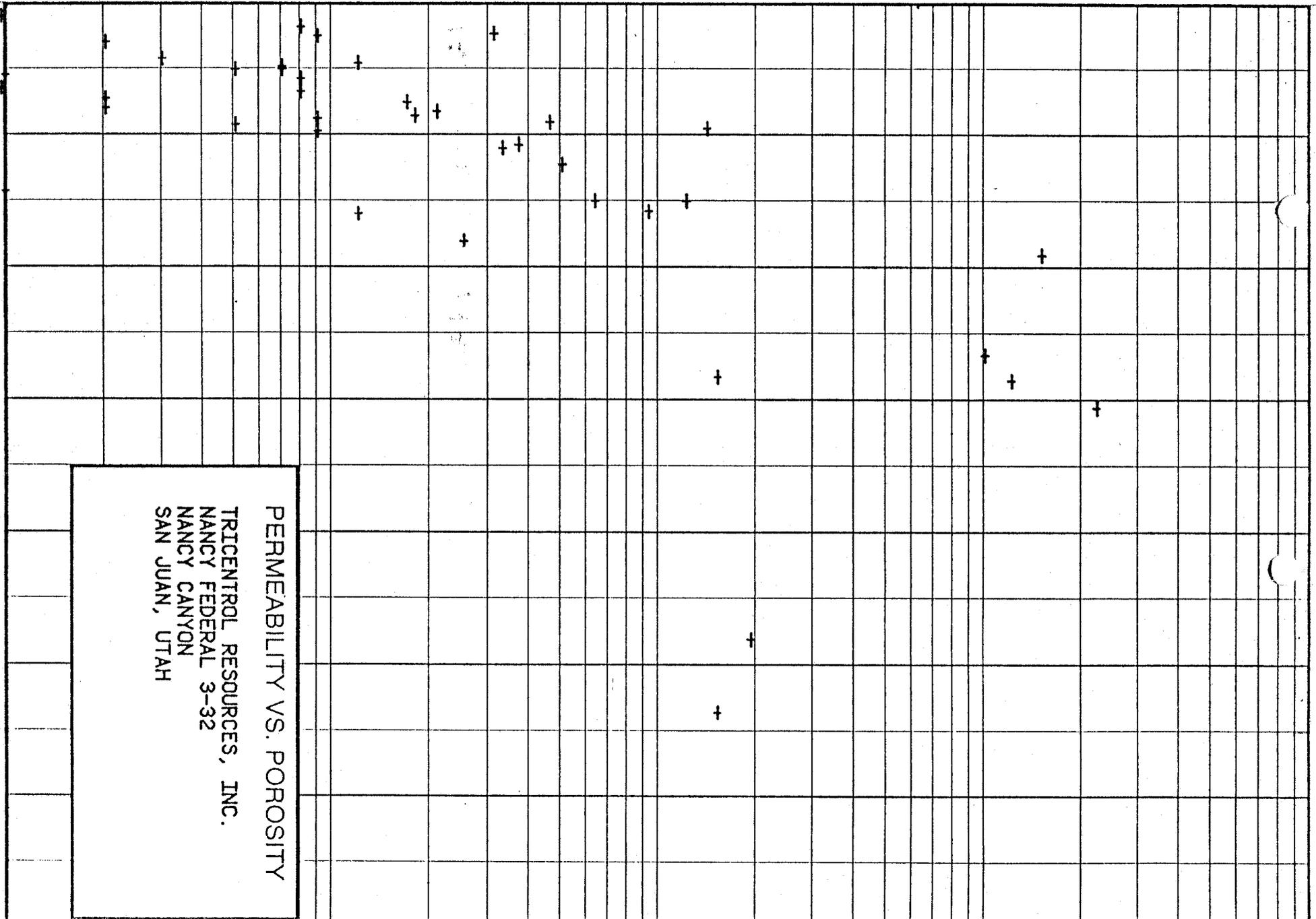
0.01

0.0 4.0 8.0 12.0 16.0 20.0 24.0

CL 1131 (7550-457)

POROSITY: PERCENT

PERMEABILITY VS. POROSITY
 TRICENTROL RESOURCES, INC.
 NANCY FEDERAL 3-32
 NANCY CANYON
 SAN JUAN, UTAH



STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
COUNTY, STATE: SAN JUAN, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.000 TO 22.
POROSITY : PERCENT (HELIUM) RANGE USED 0.3 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 5535.0 - 5581.0 INTERVAL LENGTH : 46.0
FEET ANALYZED IN ZONE : 40.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
5.1	1.8	0.05	0.20

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.0 - 2.0	8.0	1.2	0.056	0.091	20.0	20.0
2.0 - 4.0	16.0	3.0	0.076	0.187	40.0	60.0
4.0 - 6.0	4.0	4.8	0.157	0.302	10.0	70.0
6.0 - 8.0	6.0	6.6	0.824	3.0	15.0	85.0
10.0 - 12.0	3.0	11.1	5.6	7.8	7.5	92.5
12.0 - 14.0	1.0	12.2	22.	22.	2.5	95.0
18.0 - 20.0	1.0	19.2	1.9	1.9	2.5	97.5
20.0 - 22.0	1.0	21.4	1.5	1.5	2.5	100.0

TOTAL NUMBER OF FEET = 40.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	2.0	0.009	0.009	1.5	5.0	5.0
0.010 - 0.020	2.0	0.010	0.010	4.0	5.0	10.0
0.020 - 0.039	4.0	0.022	0.023	2.3	10.0	20.0
0.039 - 0.078	4.0	0.059	0.060	2.4	10.0	30.0
0.078 - 0.156	8.0	0.093	0.094	2.8	20.0	50.0
0.156 - 0.312	5.0	0.218	0.224	3.6	12.5	62.5
0.312 - 0.625	4.0	0.409	0.415	4.3	10.0	72.5
0.625 - 1.250	3.0	0.886	0.917	6.1	7.5	80.0
1.250 - 2.500	4.0	1.6	1.6	13.9	10.0	90.0
10.- 20.	3.0	12.	12.	9.9	7.5	97.5
20.- 40.	1.0	22.	22.	12.2	2.5	100.0

TOTAL NUMBER OF FEET = 40.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	40.0	100.0	5.1	3.5
2.0	8.0	4.7	32.0	95.3	6.0	4.0
4.0	24.0	28.5	16.0	71.5	9.1	7.3
6.0	28.0	38.0	12.0	62.0	10.5	8.0
8.0	34.0	57.5	6.0	42.5	14.4	12.0
10.0	34.0	57.5	6.0	42.5	14.4	12.0
12.0	37.0	73.9	3.0	26.1	17.6	19.0
14.0	38.0	80.0	2.0	20.0	20.3	20.0
16.0	38.0	80.0	2.0	20.0	20.3	20.0
18.0	38.0	80.0	2.0	20.0	20.3	20.0
20.0	39.0	89.4	1.0	10.6	21.4	
22.0	40.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 202.6

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

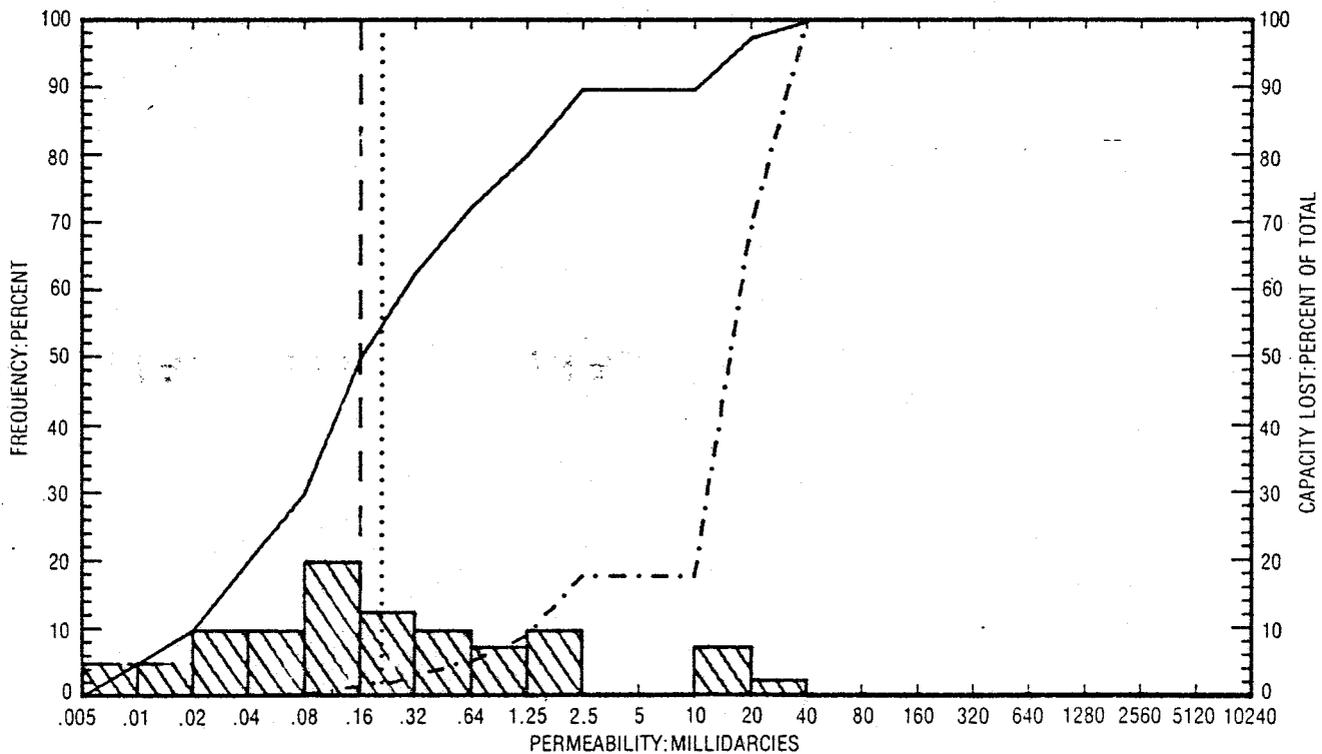
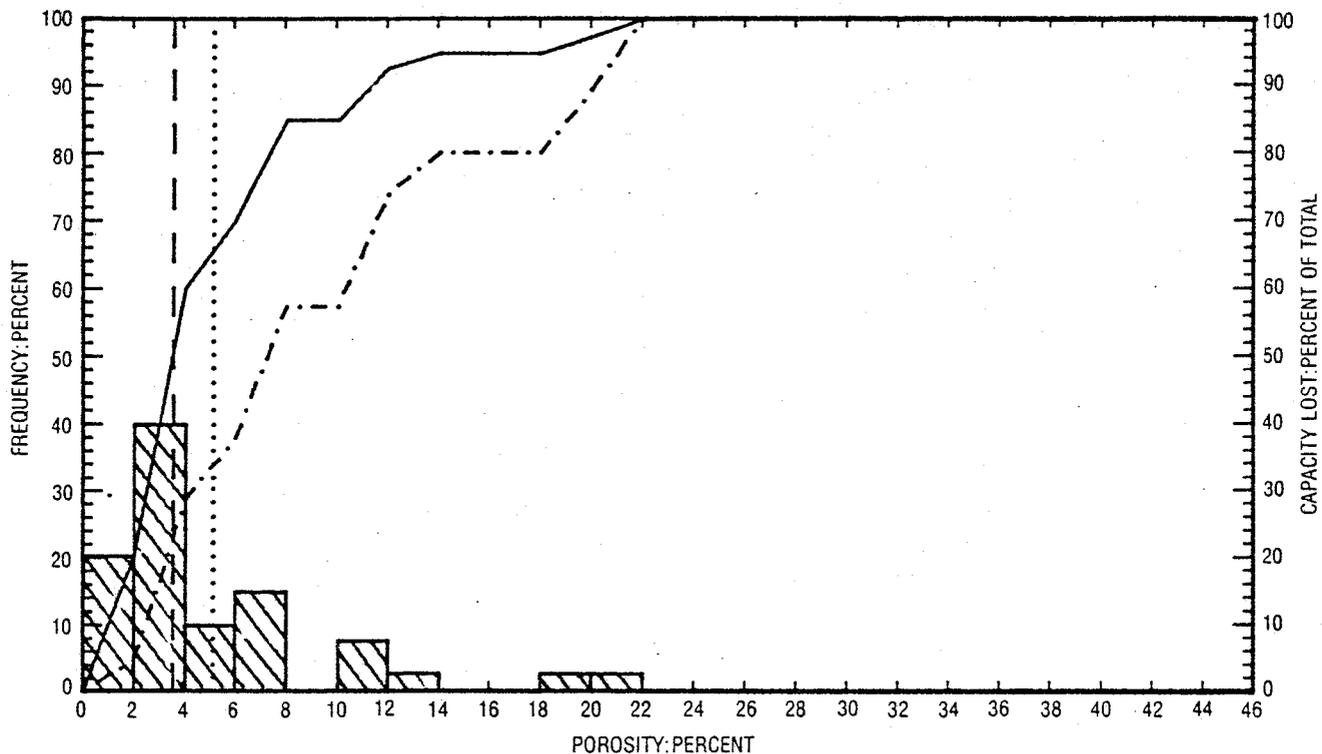
COMPANY: TRICENTROL RESOURCES, INC.
 FIELD : NANCY CANYON

WELL : NANCY FEDERAL 3-32
 COUNTY, STATE: SAN JUAN, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	40.0	100.0	0.20	0.16
0.010	2.0	0.0	38.0	100.0	0.24	0.18
0.020	4.0	0.1	36.0	99.9	0.29	0.21
0.039	8.0	0.2	32.0	99.8	0.40	0.27
0.078	12.0	0.5	28.0	99.5	0.52	0.37
0.156	20.0	1.6	20.0	98.4	1.04	0.79
0.312	25.0	3.1	15.0	96.9	1.76	1.36
0.625	29.0	5.4	11.0	94.6	2.98	1.93
1.250	32.0	9.2	8.0	90.8	4.70	2.50
2.500	36.0	18.0	4.0	82.0	14.11	15.87
5.	36.0	18.0	4.0	82.0	14.11	
10.	36.0	18.0	4.0	82.0	14.11	
20.	39.0	69.4	1.0	30.6	22.00	
40.	40.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 71.95

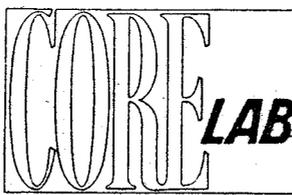


PERMEABILITY AND POROSITY HISTOGRAMS

TRICENTROL RESOURCES, INC.
 NANCY FEDERAL 3-32
 NANCY CANYON
 SAN JUAN, UTAH

LEGEND

- ARITHMETIC MEAN POROSITY (dotted line)
- GEOMETRIC MEAN PERMEABILITY (dotted line)
- MEDIAN VALUE (dashed line)
- CUMULATIVE FREQUENCY (solid line)
- CUMULATIVE CAPACITY LOST (dash-dot line)



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY TRICENTRAL RESOURCES, INC. FILE NO. RP-3-003268
 WELL NANCY FEDERAL 3-32 DATE 8-12-83 ENGRS. GG:DS
 FIELD NANCY CANYON FORMATION ISMAY ELEV. 5395 KB
 COUNTY SAN JUAN STATE UTAH DRLG. FLD. WBM CORES _____

CoRes Log

CORE and RESISTIVITY EVALUATION

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

RESISTIVITY PARAMETERS: $a = 1.00$ $m = 2.00$ $n = 2.00$. Depths 5535.0 to 5581.0
 $a =$ _____ $m =$ _____ $n =$ _____ . Depths _____ to _____

PERMEABILITY
MILLIDARCIES

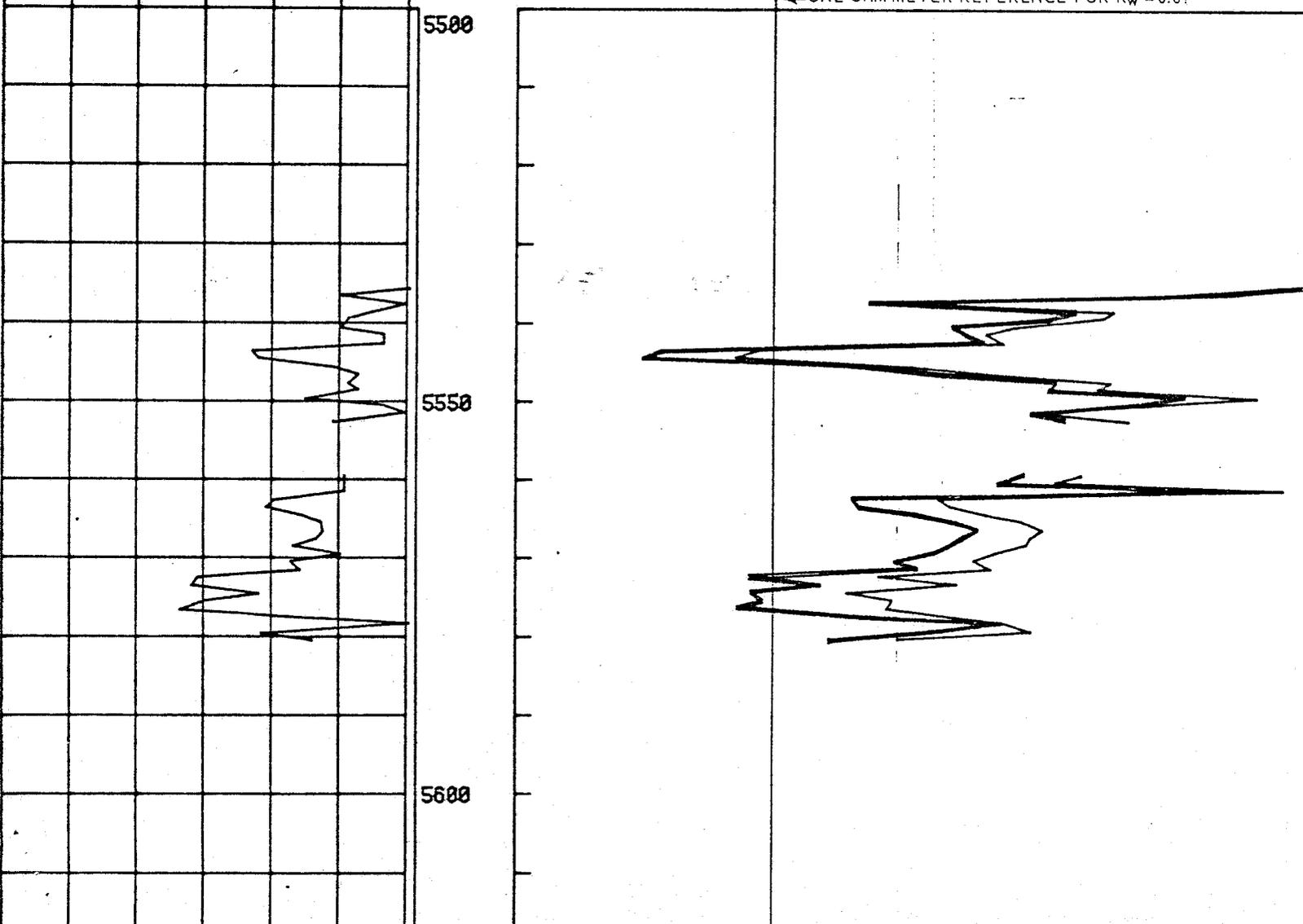
CORE ANALYSIS CALCULATED RESISTIVITY

$R_0 =$ OHM-METERS AT 100% S_w _____

$R_{mp} =$ OHM-METERS AT CRITICAL S_w _____

DEPTH FEET
1000 100 10 1.0 0.1 0.01

← ONE OHM-METER REFERENCE FOR $R_w = 0.01$



FORM D

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL 3-32

9. API Well Number:
43-037-308908

10. Field and Pool, or Wildcat:
NANCY

1. Type of Well: OIL GAS OTHER: SALT WATER DISPOSAL

2. Name of Operator:
OMIMEX PETROLEUM, INC.

3. Address and Telephone Number:
5608 MALVEY, PENTHOUSE SUITE, FT WORTH, TX 76107

4. Location of Well
Footages: 1960' FNL & 1780' FEL
OO, Sec., T., R., M.: SWNE Sec 3, T38S, R25W

County: SAN JUAN
State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other DEEPEN
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 7/28/97

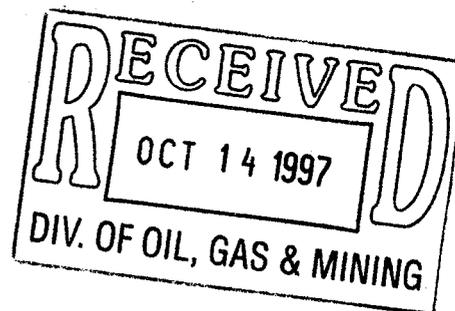
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

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)

BEGAN WORKOVER 7/7/97.
 MIRU. INSTALL BOP. TEST TO 2000 PSI.
 ND WELLHEAD. RELEASE BAKER RDG3 PACKER.
 POH W/ 2-7/8" 6.5# N-80 TBG.
 SET WHIPSTOCK @ 5600-5580'.
 RIH W/ MILL, MILL THROUGH CSG @ 5680-5695'.
 DRILL 4" DIAMETER HOLE TO DEEPEN WELL THROUGH DESERT CREEK FORMATION TO 5840'.
 POH. COMPLETE OPEN HOLE.
 RIH W/ 2-7/8" TBG AND SET PACKER @ 5525± W/ PACKER FLUID IN ANNULUS.
 NU WELLHEAD. RELEASE RIG.
 PERFORM MIT ON CSG.
 RETURN WELL TO INJECTION.

13. Name & Signature: MARILYN D. JACKSON *Marilyn Jackson* Title: PRODUCTION ANALYST Date: 10/8/97

(This space for State use only)



STATE OF UTAH
 Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

RECEIVED
 SEP 15 1997
 By _____

INJECTION WELL - PRESSURE TEST

Test Date: <u>9/9/97</u>	Well Owner/Operator: <u>OMIMEX PETROLEUM</u>
Disposal Well: <u>X</u>	Enhanced Recovery Well: _____ Other: _____
API No.: <u>43-037-30898</u>	Well Name/Number: <u>LITTLE NANCY 3-32</u>
Section: <u>3</u>	Township: <u>38 S</u> Range: <u>25 E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 400 psi
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000 +</u>	<u>400</u>
5	<u>1000 -</u>	<u>400</u>
10	<u>1000 -</u>	<u>400</u>
15	<u>1000 -</u>	<u>400</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 400 psi
 Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

INJECTING APPROXIMATELY ONCE A WEEK.

Clifford Skon
 Operator/Representative

[Signature]
 DOGM Witness

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED OCT 30 1997

OMB APPROVED OMB No. 1004-0135 Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well [] Oil Well [] Gas Well [X] Other SALT WATER DISPOSAL
2. Name of Operator OMIMEX PETROLEUM, INC.
3a. Address FT WORTH, TX 76107 5608 MALVEY, PENTHOUSE STE
3b. Phone No. (include area code) 817/ 735-1500
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1960' FNL & 1780' FEL SWNE S3, T38S, R25W

5. Lease Serial No. U-40053
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. LITTLE NANCY UNIT
8. Well Name and No. LITTLE NANCY FEDERAL 3-32
9. API Well No. 43-037-30890 30898
10. Field and Pool, or Exploratory Area NANCY
11. County or Parish, State SAN JUAN CO., UT

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof...

BEGAN WORKOVER 7/7/97. MIRU. INSTALL BOP. TEST TO 2000 PSI. ND WELLHEAD. RELEASE BAKER RDG3 PACKER. POH W/ 2-7/8" 6.5# N-80 TBG. SET WHIPSTOCK @ 5600-5580'. RIH W/ MILL, MILL THROUGH CSG @ 5680-5695'. DRILL 4" DIAMETER HOLE TO DEEPEN WELL THROUGH DESERT CREEK FORMATION TO 5840'. POH. COMPLETE OPEN HOLE. RIH W/ 2-7/8" TBG AND SET PACKER @ 5525± W/ PACKER FLUID IN ANNULUS. NU WELLHEAD. RELEASE RIG. PERFORM MIT ON CSG. RETURN WELL TO INJECTION. COMPLETED WORKOVER 7/28/97.

RECEIVED MAR 9 1998 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) MARILYN D. JACKSON Signature [Handwritten Signature]

Title PRODUCTION ANALYST Date 10/8/97

THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by [Signature] Title [Blank] Date [Blank] Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

(Instructions on reverse)

ACCEPTED

of Fluid Minerals District

OCT 27 1997

TOTAL P.02

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - INSPECTION RECORD

Well Name: <u>Little Nancy Unit 3-32</u>	API Number: <u>43-037-30898</u>
Qtr/Qtr: <u>SW NE</u> Section: <u>3</u> Township: <u>38 S</u> Range: <u>25 E</u>	
Company Name: <u>Omimex Resources</u>	
Lease: State _____ Fee _____ Federal <u>X</u> Indian _____	
Inspector: <u>K. M. Hebertson</u> Date: <u>14-Apr-1999</u>	

Injection Type:

Disposal: X Enhanced Recovery: _____ Other: _____Injecting: Yes Shut-In: _____Rate: _____ (bpd) Totalizer: _____
(bbls)

Gauges: Tubing: _____

Casing: _____ Casing Pressure: _____

(psig)

Tubing Pressure: _____ (psig) Housekeeping: PoorEquipment Condition: Injection pump is leaking

COMMENTS: The injection pump is leaking badly and there is about 6" of water inside the containment berm. There is also about 3-4" of water in the injection shed. And water was running out at about 5 gallons per minute. The operator was notified.

FORM D

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL 3-32

9. API Well Number:
43-037-308908

10. Field and Pool, or Wildcat:
NANCY

1. Type of Well: OIL GAS OTHER: SALT WATER DISPOSAL

2. Name of Operator:
OMIMEX PETROLEUM, INC.

3. Address and Telephone Number:
5608 MALVEY AVE, PENTHOUSE STE, FT WORTH, TX 76107-5163 (817) 735-1500

4. Location of Well
Footages: 1960 FNL & 1780 FEL
OO, Sec., T., R., M.: SWNE SEC. 3-38S-25W

County: SAN JUAN
State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Multiple Completion
 Other _____

New Construction
 Pull or Alter Casing
 Recomplete
 Reperforate
 Vent or Flare
 Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Other CLEAN UP SPILL (SALTWATER & IRON SULFIDE)

New Construction
 Pull or Alter Casing
 Reperforate
 Vent or Flare
 Water Shut-Off

Date of work completion 4-15-99

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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)

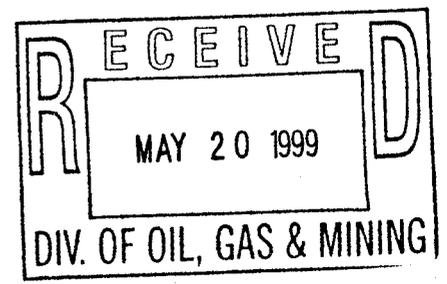
4/15/99
GASKET ON SALTWATER INJECTION PUMP BLEW OUT. LOST 30 BBLs SALTWATER AND IRON SULFIDE AT INJECTION STATION --- CONTAINED IN FIREWALL. FLUIDS WERE PICKED UP BY VACUUM TRUCK AND DISPOSED OF AT AN APPROVED FACILITY. CONTAMINATED SOIL WAS PICKED UP AND REMEDIATED AND USED IN FIREWALL.

13. Name & Signature: Marilyn D. Jackson / Marilyn Jackson Title: PRODUCTION ANALYST Date: 5/18/99

(This space for State use only)

(4/84)

(See Instructions on Reverse Side)



INJECTION WELL - INSPECTION RECORD

Well Name: <u>Little Nancy 3-32</u>	API Number: <u>43-037-30898</u>		
Qtr/Qtr: _____	Section: <u>3</u>	Township: <u>38S</u>	Range: <u>25E</u>
Company Name: <u>Omnimax</u>			
Lease: State _____	Fee _____	Federal <input checked="" type="checkbox"/>	Indian _____
Inspector: <u>[Signature]</u>	Date: <u>5-24-99</u>		

Injection Type:

Disposal: Enhanced Recovery: _____ Other: _____Injecting: YES Shut-In: _____Rate: _____ (bpd)
(bbls) Totalizer: _____

Gauges: Tubing: _____

Casing: _____ Casing Pressure: _____ (psig)

Tubing Pressure: _____ (psig) Housekeeping: SEE COMMENTSEquipment Condition: POOR

COMMENTS: Pressure chart not working, pen was off scale, chart had been changed on 5/20. Leak from either tank or pipe, probably tank, and discharging to ground outside pump house but inside bermed area.



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

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

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

June 29, 1999

Omimex Petroleum, Inc.
Penthouse Suite
5608 Malvey
Fort Worth, Texas 76107

Re: Little Nancy 3-32 Well, Sec. 3, T. 38 S., R. 25 E., San Juan County, Utah

Gentlemen:

The referenced well was inspected on April 14, 1999, and several problems were observed and later discussed by phone between Mr. Hebertson of this office with someone at Omimex. A follow-up inspection was conducted on May 24, 1999. During this inspection it was observed that some progress had been made toward correcting the problems. However, a leak still remains which is resulting in water being discharged to the ground outside the pump house and inside the bermed area. Also, the pressure chart was not working correctly at the time of our visit.

Please repair the leak and pressure chart and respond to this office within 45 days following receipt of this letter. If you have questions regarding this matter, please call me at 801-538-5297.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gil Hunt".

Gil Hunt
Technical Services Manager

lwp
cc: Compliance file



Omimex Group

OMIMEX PETROLEUM, INC.

July 22, 1999

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Little Nancy 3-32
3-38S-25E
San Juan County

43-037-30898

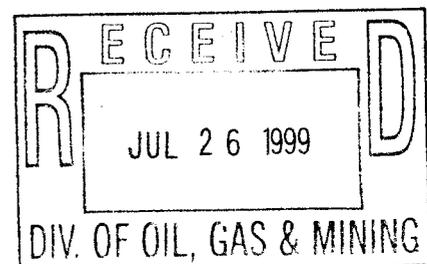
Sec 3 T-38.5 R25E

Per your letter dated June 29, 1999, please be advised that the pressure recorder is now working properly and all leaks have been repaired. Should you require additional information, please call me at 817-735-1500 extension 206 or e-mail (marilyn_jackson@omimex.com).

Thank you,
OMIMEX PETROLEUM, INC.

Marilyn D. Jackson
Marilyn D. Jackson

/mdj



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL #3-32

9. API Well Number:
43-037-30890

10. Field and Pool, or Wildcat:

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 GAS OTHER: salt water disposal

2. Name of Operator: Omimex Petroleum, Inc.

3. Address and Telephone Number: 5608 Malvey, Penthouse Ste.
Ft Worth TX 76107 (817) 735-1500

4. Location of Well
Footages: 1960' FNL & 1780' FEL
OQ, Sec., T., R., M.: SWNE S3, T38S-R25W E

County: SAN JUAN CO.
State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
 - Repair Casing
 - Change of Plans
 - Convert to Injection
 - Fracture Treat or Acidize
 - Multiple Completion
 - Other Repair communication blw tbgs + csq
- New Construction
 - Pull or Alter Casing
 - Recomplete
 - Reperforate
 - Vent or Flare
 - Water Shut-Off
- Approximate date work will start upon approval

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
 - Repair Casing
 - Change of Plans
 - Convert to Injection
 - Fracture Treat or Acidize
 - Other _____
- New Construction
 - Pull or Alter Casing
 - Reperforate
 - Vent or Flare
 - Water Shut-Off
- Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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.)

MIRU WELL SERVICE UNIT
POOH WITH TBG & PACKER
REPAIR PACKER
TEST TBG BACK IN HOLE
SET PACKER
RETURN WELL TO INJECTION
PERFORM PRESSURE TEST FOR MECHANICAL INTEGRITY

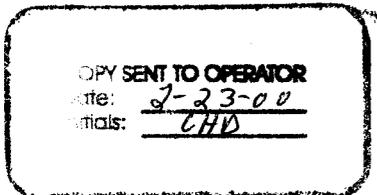
RECEIVED

FEB 18 2000

DIVISION OF

13. OIL, GAS AND MINING
Name & Signature: Marilyn D. Thomas / Marilyn D. Thomas Title: Production Analyst Date: 2-16-2000

(This space for State use only)



Federal Approval of this
Action is Necessary

(See Instructions on Reverse Side)

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Attn: Dan Jarvis
2 pgs

1 (X) 444

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <u>SWD</u>		5. Lease Designation and Serial Number: <u>U-40053</u>
2. Name of Operator: <u>Omimex Petroleum, Inc.</u>		6. If Indian, Allotted or Tribe Name:
3. Address and Telephone Number: <u>5608 Malvey, Penthouse Ste. Ft Worth TX 76107</u> (817) 735-1500		7. Unit Assignment Name: <u>LITTLE NANCY UNIT</u>
4. Location of Well Footages: <u>1960' FNL & 1780' FEL</u> OO, Sec., T., R., M.: <u>SWNE S3, T38S-R25E</u>		8. Well Name and Number: <u>LITTLE NANCY FEDERAL #3-32</u>
		9. API Well Number: <u>43-037-308908</u>
		10. Field and Pool, or Wildcat:

County: SAN JUAN CO.
State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start 4-10-2000

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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 intervals and zones pertinent to this work.)

PULL TBG AND PACKER. RIH W/ RBP & PACKER, LOCATE HOLE IN CASING.
SQUEEZE HOLE W/ 50 SKS CLASS G CMT. DRILL CEMENT, PRESSURE TEST SQUEEZE.
PULL RBP, RIH W/ PACKER & TBG.
RETURN TO INJECTION.
PERFORM MIT.

13.

Name & Signature: Marilyn D. Thomas Marilyn D. Thomas Title: Production Analyst Date: 3-27-2000

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 4-13-00
By: [Signature]

(See Instructions on Reverse Side)

COPY SENT TO OFFICER
Date: 4-13-00
Initials: [Signature]

(104)

FOI 92 V

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Aluttoo or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL #3-32

1. Type of Well: OIL GAS OTHER: SWD

2. Name of Operator: Omimex Petroleum, Inc.

9. API Well Number: 43-037-308908

3. Address and Telephone Number: 5608 Malvey, Penthouse Ste.
Ft Worth TX 76107 (817) 735-1500

10. Field and Pool, or Wildcat:

4. Location of Well

Footages: 1960' FNL & 1780' FEL

County: SAN JUAN CO.

CO. Sec., T., R., M.: SWNE S3, T38S-R25E

State: UT

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)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other _____
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOGS 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.)

3/9/2000
REPAIRED HOLES IN TBG AND PACKER LEAK. PRESSURED UP ON CASING.
CASING WOULD NOT HOLD PRESSURE. WELL HAS CASING LEAK.
SHUT IN TO EVALUATE AND SUBMIT REPAIR PROCEDURE:

13.

Name & Signature: Marilyn D. Thomas Marilyn D. Thomas Title: Production Analyst Date: 3-27-2000

(This space for State Use Only)

Approved by the
Utah Division of
Oil, Gas and Mining

(See Instructions on Reverse Side)

COPY SENT TO OPERATOR
Date: 4-13-00
Initials: CHD

Date: 4-13-00
By: P. Jones

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL #3-32

9. API Well Number: 43-037-308908

10. Field and Pool, or Wildcat:

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 GAS OTHER: SWD

2. Name of Operator: Omimex Petroleum, Inc.

3. Address and Telephone Number: 5608 Malvey, Penthouse Ste. Ft Worth TX 76107 (817) 735-1500

4. Location of Well
Footages: 1960' FNL & 1780' FEL
OO, Sec., T., R., M.: SWNE S3, T38S-R25E

County: SAN JUAN CO.
State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start 4-10-2000

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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)

PULL TBG AND PACKER. RIH W/ RBP & PACKER, LOCATE HOLE IN CASING.
SQUEEZE HOLE W/ 50 SKS CLASS G CMT. DRILL CEMENT, PRESSURE TEST SQUEEZE.
PULL RBP, RIH W/ PACKER & TBG.
RETURN TO INJECTION.
PERFORM MIT.

RECEIVED

MAR 29 2000

DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Marilyn D. Thomas Marilyn D. Thomas Title: Production Analyst Date: 3-27-2000

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL #3-32

9. API Well Number: 43-037-30890/2

10. Field and Pool, or Wildcat:

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 GAS OTHER: SWD

2. Name of Operator: Omimex Petroleum, Inc.

3. Address and Telephone Number: 5608 Malvey, Penthouse Ste.
Ft Worth TX 76107 (817) 735-1500

4. Location of Well
Footages: 1960' FNL & 1780' FEL
OO, Sec., T., R., M.: SWNE S3, T38S-R25E

County: SAN JUAN CO.
State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Multiple Completion
 Other _____

New Construction
 Pull or Alter Casing
 Recomplete
 Reperforate
 Vent or Flare
 Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Other _____

New Construction
 Pull or Alter Casing
 Reperforate
 Vent or Flare
 Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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.)

3/9/2000
REPAIRED HOLES IN TBG AND PACKER LEAK. PRESSURED UP ON CASING.
CASING WOULD NOT HOLD PRESSURE. WELL HAS CASING LEAK.
SHUT IN TO EVALUATE AND SUBMIT REPAIR PROCEDURE:

RECEIVED
MAR 29 2000
DIVISION OF
OIL, GAS AND MINING

13.
Name & Signature: Marilyn D. Thomas Marilyn D. Thomas Title: Production Analyst Date: 3-27-2000

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
U-40053

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:
LITTLE NANCY UNIT

8. Well Name and Number:
LITTLE NANCY FEDERAL #3-32

9. API Well Number: **43-037-308908**

10. Field and Pool, or Wildcat:

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 GAS OTHER: **SWD**

2. Name of Operator: **Omimex Petroleum, Inc.**

3. Address and Telephone Number: **5608 Malvey, Penthouse Ste.
Ft Worth TX 76107 (817) 735-1500**

4. Location of Well

Footages: **1960' FNL & 1780' FEL**
OO, Sec., T., R., M.: **SWNE S3, T38S-R25E**

County: **SAN JUAN CO.**
State: **UT**

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other _____
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion **5-3-2000**

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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.)

- 4/27/00: PULL TBG & PKR, RIH W/ RBP & PKR
LOCATED HOLE IN CSG @ 3200'
- 4/28/00: SET PKR @ 3000', SQZ HOLE W/ 150 SKS CLASS B CMT W/ 2% CaCl
DRILL APPROX. 100' CMT, PRESSURE TEST CASING & SQZ TO 1200 PSI, 30 MINUTES
HELD OK. RETRIEVE BP, RIH W/ BAKER MODEL R PKR & TBG. SET PKR @ 5450'.
- 5/3/00: PRESSURE TEST CSG TO 1000 PSI - 50 MINUTES. RETURN TO INJECTION.

13.

Name & Signature: Marilyn D. Thomas Marilyn D. Thomas Title: Production Analyst Date: 5/11/2000

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MAY 15 2000

**DIVISION OF
OIL, GAS AND MINING**



P. O. BOX 302
FARMINGTON, NEW MEXICO 87499

CEMENT JOB DETAIL SHEET

CUSTOMER Ominex		DATE 30 April 2000	F.R. #	SER. SUP. Steve S.	TYPE JOB SQUEGGS					
LEASE & WELL NAME - OCSG Nancy FEDERAL #3-32		LOCATION SECT 3/T 385/R ESE		COUNTY SAN JUAN Co, Utah						
DRILLING CONTRACTOR RIG # Key #			OPERATOR							
MATERIAL FURNISHED	TYPE OF PLUGS	LIST CSG HARDWARE	SQ MANI FOLD	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES					
			(Y) N		SLURRY WEIGHT PPG	SLURRY YIELD FT ³	WATER GPS	PUMP TIME HR: MIN	Bbl SLURRY	Bbl MIX WATER
150 SX CLASS B" w/ 2% CaCl₂				3089±	15.6	1.18	5.7	57.0	31.5	18.5
177 FT³										

RECEIVED

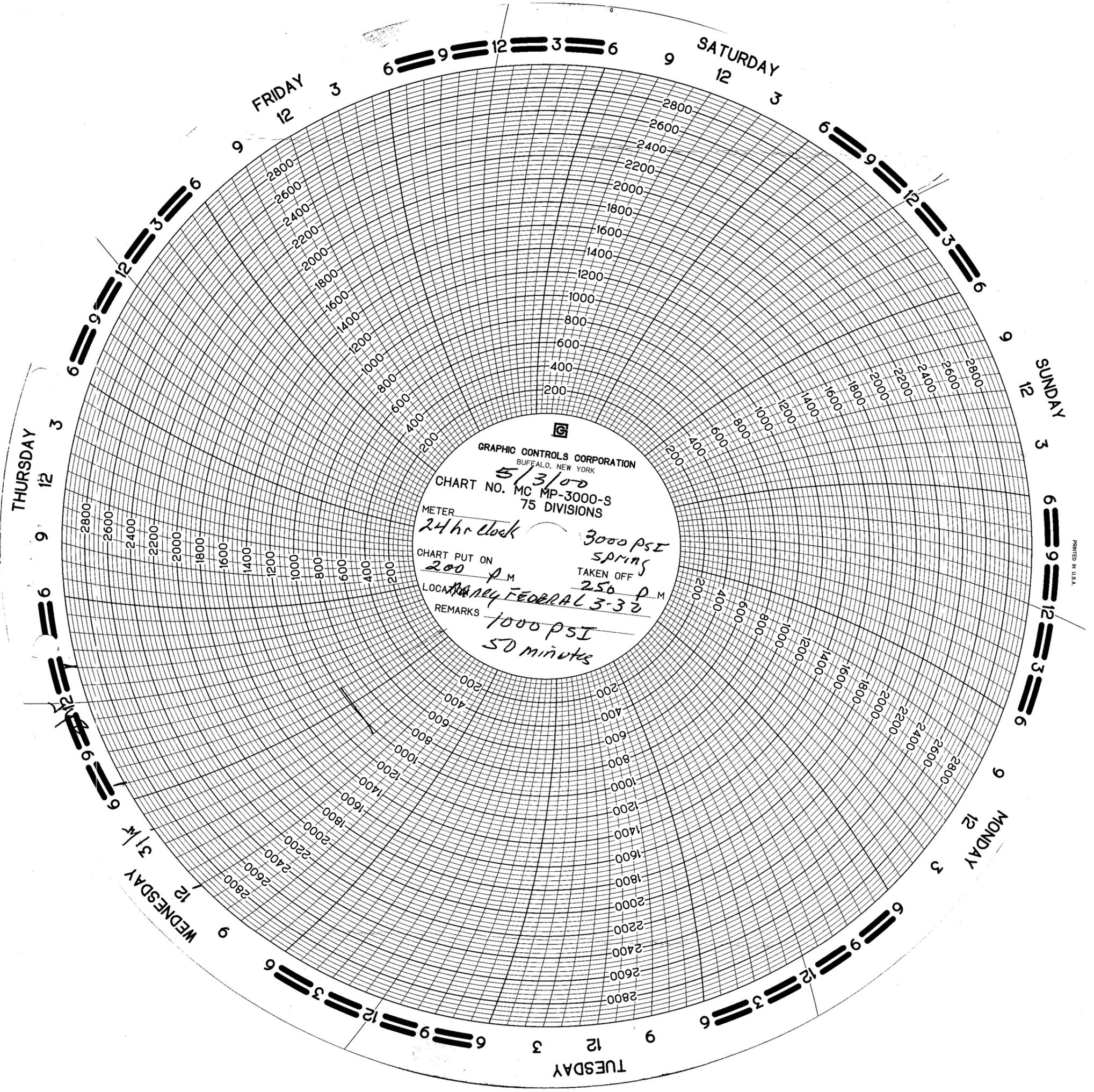
MAY 15 2000

DIVISION OF OIL, GAS AND MINING

Available Mix Water 40 Bbl.	Available Displ. Fluid 200 Bbl.	TOTAL	31.5	18.5									
HOLE		TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
7 7/8"		3300+	2 7/8"			2942							
LAST CASING		TBG-DMT RET-BR PL-LINER			PERF DEPTH		TOP CONN.		WELL FLUID				
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT	
5 1/2"	15.5"		3300+			2942			2 7/8"	8" RO	H₂O	8.4	
CAL. DISPL. VOL. Bbl.		CAL. PSI	CAL. MAX. PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE		
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SQ PSI	RATED	OP	RATED	OP	TYPE	WGT	
17.03	5.9		22.9		1100	2500		2500		500	H₂O	8.3	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG., ETC., PRIOR TO CEMENTING: **Trouble w/ BOP's not Sealing**

PRESSURE RATE DETAIL						EXPLANATION	
TIME HR: MIN:	PRESSURE - PSI		RATE BPM	Bbl FLUID PUMPED	FLUID TYPE	SAFETY MEETING: CREW <input type="checkbox"/> CO. REP. <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	PSI
09:45	0	0	IDLE	NOM	H ₂ O	CIRCULATING WELL RIG <input type="checkbox"/> WPS <input type="checkbox"/>	
10:35	800	0	IDLE	NOM	H ₂ O	Csg Full; Attempt to Pressure Test; Csg. unsuccessful.	
						Pressure test Csg to 200psi; Test GOOD	
						Isolate.	
10:45	1400	200	1.25	5	H ₂ O	Establish Rate through Packer. Shut Down.	
						wait on BOP's / Water Truck	
11:25	1400	200	.55	3	H ₂ O	Pump 3 bbls Fresh water Down tbq	
11:31	1400	200	.55	—	Cem	Start Cement Down tbq	
12:28	1600	200	.5	31.5	—	Shut Down Cement / Wash Pumps / Lines	
12:31	1400	200	1.00	.60	H ₂ O	Begin Displacement Down tbq	
12:49	2200	200	—	19.5	—	Shut Down Displacement 2.5 bbls below PL	
						Begin Hesitation.	
13:04	1200	200	IDLE	.5	H ₂ O	Pump .5 bbls Down tbq. Pressured up to 1400 psi. Shut Down.	
13:06							
13:37	900	200	IDLE	.5	H ₂ O	Pump .5 bbls H ₂ O Down tbq. Pressure up to 1150psi. Shut Down.	
13:39	1000	200	—	—	—	Shut well in w/ 1000psi on tbq 200 psi on Csg.	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. Steve S. Sauberg
Y N		Y N		0	200	3089±	CUSTOMER REP.



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
5/3/00
CHART NO. MC MP-3000-S
75 DIVISIONS
METER 24 hr clock 3000 PSI
CHART PUT ON 2:00 P.M. TAKEN OFF 2:50 P.M.
LOCATION New York FEDERAL 3-32
REMARKS 1000 PSI
50 minutes

Custom Pumping Service
Clay Cullen 9-3-00
OMIMEX Petroleum Inc.
Larry J. Galt 9-3-00

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MAY 15 2000
DIVISION OF
OIL, GAS AND 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SW Disposal</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: 8910203860
2. NAME OF OPERATOR: OMIMEX PETROLEUM, INC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 5608 MALVEY PH STE CITY FORT WORTH STATE TX ZIP 76107		7. UNIT or CA AGREEMENT NAME: LITTLE NANCY
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1960' FNL & 1780' FEL (SENE)		8. WELL NAME and NUMBER: NANCY-FEDERAL 3-32
CITY FORT WORTH STATE TX ZIP 76107		9. API NUMBER: 4303730890
5. PHONE NUMBER: (817) 735-1500		10. FIELD AND POOL, OR WILDCAT: NANCY
6. COUNTY: SAN JUAN		
7. STATE: UTAH		
8. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 3 38S 25E		

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>6/15/2003</u>	<input checked="" 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 type="checkbox"/> OTHER: _____
	<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.

PROPOSE TO ACIDIZE WELL WITH 1500 GALLONS OF 28% HCL.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 05-27-03
By: [Signature]

COPY SENT TO OPERATOR
Date: 5-28-03
Initials: CHD

NAME (PLEASE PRINT) <u>SAMMY D. JETER</u>	TITLE <u>OPERATIONS SUPERVISOR</u>
SIGNATURE <u>[Signature]</u>	DATE <u>5/16/2003</u>

(This space for State use only)

RECEIVED
MAY 23 2003
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 <u>SWD</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: 8910203860
2. NAME OF OPERATOR: OMIMEX PETROLEUM, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 5608 Malvey CITY Fort Worth STATE Tx ZIP 76107		7. UNIT or CA AGREEMENT NAME: Little Nancy
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1960' FNL & 1780' FEL (SWNE)		8. WELL NAME and NUMBER: Nancy Unit 3-32
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 3 38S 25E		9. API NUMBER: 4303730898
		10. FIELD AND POOL, OR WILDCAT: Nancy
		COUNTY: San Juan
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/19/2003	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" 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 type="checkbox"/> OTHER: _____
	<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.

6/19/2003

1) Acidized well down tubing with 1500 gals, 28% HCL
2) Returned well to injection

RECEIVED
AUG 15 2003
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Sammy D. Jeter</u>	TITLE <u>Operations Supervisor</u>
SIGNATURE	DATE <u>8/11/2003</u>

(This space for State use only)

Ominex Resources, Inc.
 Ominex Energy, Inc.
 Ominex Petroleum, Inc.
 Ominex Canada, Ltd.
 Ominex de Colombia, Ltd.
5608 Malvey, Penthouse Suite
Fort Worth, Texas 76107
Phone (817) 735-1500
Fax (817) 735-8033



Fax

To: UTAH DOG	From: Sammy Jeter
Company:	Company: Ominex Resources, Inc.
Fax: 801 359-3940	Pages: 2 - including cover
Phone:	Date:
Re:	CC:

- Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

• Comments:

Sundry to Repair tubings
 Nancy 3-32

RECEIVED
 OCT 14 2003
 DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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 GAS WELL OTHER SWD

2. NAME OF OPERATOR: OMIMEX PETROLEUM, INC.

3. ADDRESS OF OPERATOR: 5608 MALVEY, PHOENIX, FORT WORTH, STATE TX ZIP 76107 PHONE NUMBER: 817 735 1500

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1960 FNL & 1780 FEL (SWNE) COUNTY: SAN JUAN STATE: UTAH

QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 3 38S 25E

6. LEASE DESIGNATION AND SERIAL NUMBER: 8910203860 UTU-40053

7. UNIT or CA AGREEMENT NAME: LITTLE NANCY

8. WELL NAME and NUMBER: NANCY UNIT 3-32

9. API NUMBER: 4303730898

10. FIELD AND POOL, OR WILDCAT: NANCY

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: 10/14/2003	<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 checked="" 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"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER
	<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.

PROPOSAL:

Pull tubing to repair tubing leak.
Perform Material Integrity Test.
Return well to Injection
Starting October 14, 2003

RECEIVED
OCT 14 2003
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT): SAMMY D. JETER TITLE: OPERATIONS SUPERVISOR

SIGNATURE: *[Signature]* DATE: 10/11/2003

(This space for state use only)

COPY SENT TO OPERATOR
Date: 10-12-03
Initials: GHD

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 10/16/2003
By: *[Signature]*
* must pass MIT

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

UIC FORM 5

Little Nancy Unit

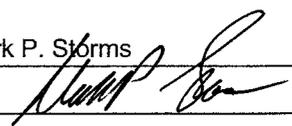
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number LNU 3-32		API Number 4303730898
Location of Well		Field or Unit Name Nancy
Footage : _____	County : San Juan	Lease Designation and Number
QQ, Section, Township, Range: SWNE 3 38S 25E		State : UTAH

EFFECTIVE DATE OF TRANSFER: 3/1/2005

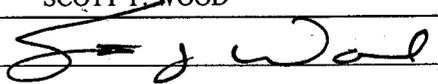
CURRENT OPERATOR

Company: Omimex Petroleum, Inc.
Address: 2001 Beach Street, Suite 810
city Ft. Worth state TX zip 76103
Phone: (817) 735-1500
Comments:

Name: Clark P. Storms
Signature: 
Title: Vice President-Land & Legal
Date: 1-4-05

NEW OPERATOR

Company: ERG OPERATING COMPANY INC.
Address: 1100 LOUISIANA, STE 2650
city HOUSTON state TX zip 77002-5216
Phone: 713-812-1800
Comments:

Name: SCOTT Y. WOOD
Signature: 
Title: PRESIDENT
Date: JANUARY 26, 2005

(This space for State use only)

Transfer approved by: 
Title: Field Services Manager

Approval Date: 3-3-05

Comments: Cause # UIC-044.1
Well due for MIT 5/05.

RECEIVED

MAR 02 2005

DIV. OF OIL, GAS & MINING

Sale 198C
Lot 24

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

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		5. LEASE DESIGNATION AND SERIAL NUMBER: U-40053	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SWD</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: ERG OPERATING COMPANY INC.		7. UNIT or CA AGREEMENT NAME: Little Nancy Unit	
3. ADDRESS OF OPERATOR: 1100 LOUISIANA, STE 2650		8. WELL NAME and NUMBER: LNU 3-32	
CITY HOUSTON STATE TX ZIP 77002-5216		9. API NUMBER: 4303730989	
PHONE NUMBER: 713-812-1800		10. FIELD AND POOL, OR WILDCAT: Nancy	
4. LOCATION OF WELL		COUNTY: <u>San Juan</u>	
FOOTAGES AT SURFACE:		STATE: <u>UTAH</u>	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SWNE 3 38S 25E</u>			

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: _____	<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>Change of Operator</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.

Change of Operator Effective March 1, 2005:

From - Omimex Petroleum, Inc.
2001 Beach St., Ste. 810
Fort Worth, Texas 76103

Clark P. Storms
Clark P. Storms
Vice President-Land & Legal

Omimex Petroleum will transfer operations of the above referenced well to a new operator.
ERG OPERATING COMPANY INC. certifies that it is authorized by the proper lease interest owners to conduct operations associated with this lease.
Bond coverage pursuant to 43CFR3104 for lease activities is being provided by ERG OPERATING COMPANY INC. with their BLM bond # RLB 060 7941.

NAME (PLEASE PRINT) SCOTT Y. WOOD TITLE PRESIDENT

SIGNATURE *Scott Y. Wood* DATE JANUARY 26, 2005

(This space for State use only)

APPROVED 3/29/05
ER
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAR 02 2005
Sale 198C
Lot 24
DIV. OF OIL, GAS & MINING

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

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: 3/3/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 3/29/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 3/29/2005
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 3/29/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: RLB0007941

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 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: _____

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:

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Nancy Federal 3-32		API Number 4303730898
Location of Well Footage : 1960 FNL & 1780 FEL County : San Juan		Field or Unit Name Little Nancy
QQ, Section, Township, Range: SWSE 3 38S 25E State : UTAH		Lease Designation and Number U-40053

EFFECTIVE DATE OF TRANSFER: 7/1/2005

CURRENT OPERATOR

Company: Energy Reserves Group Name: Carl Pomeroy
 Address: 1100 Louisiana Street, Suite 2650 Signature: *Carl Pomeroy*
 city Houston state TX zip 77002 Title: V.P. of Engineering
 Phone: (713) 812-1800 Date: 7-11-05
 Comments:

NEW OPERATOR

Company: D.J. Simmons, Inc Name: John A. Byrom
 Address: 1009 Ridgeway Place, Suite 200 Signature: *John A. Byrom*
 city Farmington state NM zip 87401 Title: President
 Phone: _____ Date: 7/1/2005
 Comments:

(This space for State use only)

Transfer approved by: *[Signature]*
 Title: Acting Associate Director

Approval Date: 7-29-05

Comments: This well is due for a mechanical integrity test.

RECEIVED
 JUL 20 2005

DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-40053

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Little Nancy Unit

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 _____

8. WELL NAME and NUMBER:
LNU 3-32

2. NAME OF OPERATOR:
D. J. SIMMONS COMPANY LIMITED INC N2520 PARTNERSHIP

9. API NUMBER:
4303730989

3. ADDRESS OF OPERATOR:
**1009 RIDGEWAY PLACE, SUITE 200
FARMINGTON, NM 87401**

PHONE NUMBER:
505-326-3753

10. FIELD AND POOL, OR WILDCAT:
Nancy

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNE 3 38S 25E**

COUNTY: **San Juan**
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: _____	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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: Change of Operator
	<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.

Change of Operator Effective July 1, 2005:

From - ERG Operating Company, Inc. **N2735**
1100 Louisiana, Suite 2650
Houston, TX 77002

Carl F. Pomeroy
Carl F. Pomeroy
Vice President Engineering

ERG Operating Company will transfer operations of the above referenced well to a new operator **D.J. SIMMONS COMPANY LIMITED INC PARTNERSHIP** certifies that it is authorized by the proper lease interest owners to conduct operations associated with this lease.
Bond coverage pursuant to 43CFR3104 for lease activities is being provided by **D.J. SIMMONS COMPANY LIMITED PARTNERSHIP** with their BLM \$25,000 LETTER OF CREDIT 05/09/05 **INC**

RECEIVED
JUL 26 2005

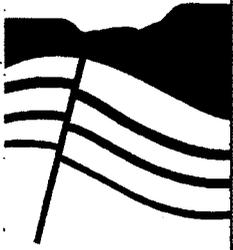
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **GARY C. GOLDSMITH** TITLE **ATTORNEY IN FACT**
SIGNATURE *Gary C. Goldsmith* DATE **JUNE 8, 2005**

(This space for State use only)
APPROVED 7129105
Earlene Russell
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

200c-22

**DJ SIMMONS, INC.**

1009 Ridgeway Place
Suite 200
Farmington,
New Mexico 87401

505-326-3753
505-327-4659 FAX
info@djsimmonsinc.com
www.djsimmonsinc.com

July 29, 2005

Utah Division of Oil, Gas and Mining
1594 West Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84145-0155

Re: Utah Account # N2520

Earlene Russell:

The purpose of this letter is per our phone conversation July 29, 2005, to inform Utah Division of Oil and Gas and Mining, D. J. Simmons, Inc. (account #N2520) will operate the below mentioned wells affectively July 1, 2005.

Name	Location	API #	Lease
Nancy Federal 11-22	Sec 11, T38S R25E	43-037-30814	U 40053
Nancy Federal 3-44	Sec 03, T38S, R25E	43-037-30817	U 40053
Nancy Federal 11-11	Sec 11, T38S, R25E	43-037-30903	U 40053
Nancy Federal 1-3	Sec 03, T38S, R25E	43-037-30741	U 40053
Nancy Federal 3-22	Sec 03, T38S, R25E	43-037-30901	U 40053
Nancy Federal 3-11	Sec 03, T38S, R25E	43-037-30902	U 40053
Nancy Federal 3-32	Sec 03, T38S, R25E	43-037-30898	U 40053

Thank you for your attention regarding this matter. If you have any questions please call at 505 326-3753 ext. 14.

Sincerely,

Craig D. Starkey
Permitting

cc: Nancy Walden

RECEIVED
JUL 29 2005
DIV. OF OIL, GAS & MINING

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

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: 7/29/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 7/29/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/29/2005
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 7/29/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000048

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 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: _____

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:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-40053

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER Injection

8. WELL NAME and NUMBER:
Nancy Federal #3-32

2. NAME OF OPERATOR:

D. J. Simmons, Inc.

9. API NUMBER:
4303730898

3. ADDRESS OF OPERATOR:

1009 Ridgeway, Suite 200 CITY **Farmington** STATE **NM** ZIP **87401**

PHONE NUMBER:

(505) 326-3753

10. FIELD AND POOL, OR WILDCAT:
Little Nancy

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1960' FNL, 1780' FEL**

COUNTY: **San Juan**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNE 3 38S 25E**

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 type="checkbox"/> OTHER: _____
	<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.

D. J. Simmons, Inc. as not performed any work over operations on the subject well since the company became operator of the well on July 1, 2005.

NAME (PLEASE PRINT) Rodney L. Seale

TITLE Operations Manager

SIGNATURE *Rodney L. Seale*

DATE 4/30/2008

(This space for State use only)

RECEIVED

MAY 06 2008

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor
GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

June 1, 2010

DJ Simmons, Inc
P. O. Box 1469
Farmington, NM 87499

38S 25E 3

SUBJECT: Pressure Test for Mechanical Integrity, Little Nancy Unit 3-32 (API# 43-037-30898) Well, San Juan County, Utah:

To Whom It May Concern:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. The following well now requires a current test:

Little Nancy Unit 3-32 43-037-30898

Please make arrangements and ready wells for testing during the week of June 21st, 2010, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the well(s) to be tested on this date the test(s) may be rescheduled.
4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.



Page 2
June 1, 2010
DJ Simmons, Inc

5. All bradenhead valves with exception of the tubing on the injection well(s) must be shut-in 24 hours prior to testing.

Please contact me at (435) 820-0862 to arrange a meeting time and place or to negotiate a different date, if the date(s) specified is unacceptable.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bart Kettle', with a stylized flourish at the end.

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Well File

43-037-30898

*
*
*
*

*
* SCHLUMBERGER *
*

PERMEABILITY LISTING

COMPANY : TRICENTRAL
WELL : NANCY FEDERAL 3-32
FIELD : WILDCAT
COUNTRY : USA
REFERENCE: 000114176

TRICENTRAL
AUG 11 1983

DIVISION OF
OIL GAS & MINING

* DEPTH *	* PERM *	* PERM *	* PERM *	* PERM *	* PERM *	* PERM *	* CUMULATIVE *		
* FT *	* OIL *	* GAS *	* WATER *	* TOTAL *	* OIL *	* GAS *	* PERM *	* PERM *	* PERM *
* MD *	* MD *	* MD *	* MD *	* MD *	* FT *	* FT *	* FT *	* FT *	* FT *

* 4705.0 *	* .1 *	* *	* *	* *	* .2 *	* 30 *	* 22 *	* 63 *	* *
* 4848.0 *	* *	* *	* *	* *	* .1 *	* 30 *	* 22 *	* 63 *	* *
* 4874.0 *	* *	* *	* *	* *	* .1 *	* 30 *	* 22 *	* 63 *	* *
* 5097.0 *	* *	* .7 *	* *	* *	* 1.1 *	* 30 *	* 22 *	* 63 *	* *
* 5099.0 *	* *	* *	* *	* *	* .1 *	* 30 *	* 22 *	* 63 *	* *
* 5100.0 *	* *	* 5.3 *	* *	* *	* 6.4 *	* 30 *	* 22 *	* 63 *	* *
* 5101.0 *	* *	* 13.1 *	* *	* *	* 15.7 *	* 30 *	* 12 *	* 63 *	* *
* 5102.0 *	* 5.3 *	* *	* *	* *	* 6.4 *	* 30 *	* 1 *	* 63 *	* *
* 5104.0 *	* 3.8 *	* *	* *	* *	* 4.6 *	* 26 *	* 1 *	* 63 *	* *
* 5105.0 *	* .7 *	* *	* *	* *	* 1.0 *	* 23 *	* 1 *	* 63 *	* *
* 5113.0 *	* .1 *	* *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5161.0 *	* *	* *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5162.0 *	* *	* .1 *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5163.0 *	* .1 *	* *	* *	* *	* .2 *	* 22 *	* *	* 63 *	* *
* 5236.0 *	* *	* *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5237.0 *	* .1 *	* *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5244.0 *	* *	* *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5245.0 *	* .2 *	* *	* *	* *	* .4 *	* 22 *	* *	* 63 *	* *
* 5254.0 *	* *	* *	* *	* *	* .1 *	* 22 *	* *	* 63 *	* *
* 5296.0 *	* *	* *	* *	* *	* .1 *	* 21 *	* *	* 63 *	* *
* 5311.0 *	* .1 *	* *	* *	* *	* .3 *	* 21 *	* *	* 63 *	* *
* 5361.0 *	* .1 *	* *	* *	* *	* .2 *	* 21 *	* *	* 63 *	* *
* 5362.0 *	* *	* *	* *	* *	* .1 *	* 21 *	* *	* 63 *	* *
* 5370.0 *	* .2 *	* *	* *	* *	* .3 *	* 21 *	* *	* 63 *	* *
* 5371.0 *	* .4 *	* *	* *	* *	* .6 *	* 21 *	* *	* 63 *	* *
* 5372.0 *	* .1 *	* *	* *	* *	* .1 *	* 20 *	* *	* 63 *	* *
* 5378.0 *	* .1 *	* *	* *	* *	* .1 *	* 20 *	* *	* 63 *	* *

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*****
*          *          *          *          *          *          *          *          *          *
* DEPTH   * PERM   * PERM   * PERM   * PERM   * PERM   * CUMULATIVE *          *
* FT      * OIL    * GAS    * WATER * TOTAL  * OIL    * PERM   * PERM   * PERM   *
*          * MD     * MD     * MD     * MD     * FT     * GAS    * WATER *
*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *
* 5384.0  *          *          *          *          *          *          *          *
* 5385.0  * .1     *          *          *          *          *          *          *
* 5386.0  *          *          *          *          *          *          *          *
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* 5394.0  * .1     *          *          *          *          *          *          *
* 5456.0  *          *          *          *          *          *          *          *
* 5457.0  *          *          *          *          *          *          *          *
* 5464.0  * .1     *          *          *          *          *          *          *
* 5465.0  * .1     *          *          *          *          *          *          *
* 5466.0  * .1     *          *          *          *          *          *          *
* 5472.0  * .1     *          *          *          *          *          *          *
* 5480.0  * .4     *          *          *          *          *          *          *
* 5494.0  * .2     *          *          *          *          *          *          *
* 5547.0  * 3.5   *          * 3.3   * 35.3  *          *          *          *
* 5548.0  * 1.7   *          * 3.8   * 26.5  *          *          *          *
* 5549.0  *          *          * 1.5   * 2.9   *          *          *          *
* 5550.0  * .6    *          * .4    * 5.3   *          *          *          *
* 5551.0  * 1.5   *          * .3    * 9.2   *          *          *          *
* 5552.0  * 4.6   *          * .1    * 15.5  *          *          *          *
* 5553.0  * .9    *          *          * 3.2   *          *          *          *
* 5575.0  * .1    *          *          * .1    *          *          *          *
* 5576.0  * .7    *          *          * 1.3   *          *          *          *
* 5577.0  * .2    *          *          * 1.2   *          *          *          *
* 5578.0  *          *          * .2    * 1.1   *          *          *          *
* 5579.0  * 1.0   *          *          * 1.6   *          *          *          *
* 5580.0  * .3    *          *          * .5    *          *          *          *
* 5581.0  * .1    *          *          * .2    *          *          *          *
* 5591.0  *          *          *          * .3    *          *          *          *
* 5595.0  *          *          *          * .9    *          *          *          *
* 5596.0  *          *          *          * 29.2  *          *          *          *
* 5597.0  * 1.6   *          *          * 13.1  *          *          *          *
* 5598.0  * .5    *          *          * 1.3   *          *          *          *
*****

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*****
*          *          *          *          *          *          *          *          *          *
* DEPTH   * PERM   * PERM   * PERM   * PERM   * PERM   * CUMULATIVE *          *
*   FT    * OIL    * GAS    * WATER * TOTAL  * OIL    * PERM   * PERM   * PERM   *
*          * MD     * MD     * MD     * MD     * FT     * FT     * FT     * FT     *
*****
*          *          *          *          *          *          *          *          *          *
* 5599.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5606.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5631.0  *      *      *      *      *      *      *      *      *
* 5632.0  *      *      *      *      *      *      *      *      *
* 5633.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5642.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5653.0  *      *      *      *      *      *      *      *      *
* 5654.0  *      *      *      *      *      *      *      *      *
* 5655.0  *      *      *      *      *      *      *      *      *
* 5656.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5660.0  *      *      *      *      *      *      *      *      *
* 5661.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5663.0  *      *      *      *      *      *      *      *      *
* 5664.0  *      *      *      *      *      *      *      *      *
* 5665.0  *      *      *      *      *      *      *      *      *
* 5666.0  *      *      *      *      *      *      *      *      *
* 5667.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5670.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
* 5672.0  *      *      *      *      *      *      *      *      *
*          *          *          *          *          *          *          *          *          *
*****
  
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*

* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

TRICENTRAL RES., INC.

WILDCAT

SAN JUAN, UTAH

NANCY FEDERAL 3-32

RUN NO. ONE JOB NO. 16213

CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

40 DEG. X2 SEARCH ANGLE

RECEIVED

JUL 13 1983

DIVISION OF
OIL, GAS & MINING

TRICENTROL RES., INC.

NANCY FEDERAL 3-32

SUMMARY

```
*****
# DEPTH *   DIP   DIP   *   DEV   DEV   DIAM   DIAM * QUAL  *
#       *       AZM   *       AZM   1-3   2-4  *
*****
#
# TOP
# 5202.00   9.8   100.   0.9   32.   9.4   9.3   B
#
# BOTTOM
# 5690.00   7.1   342.   1.0   54.   7.8   7.6   C
#
*****
```

*
*
*
*

*
*
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*

SCHLUMBERGER

COMPANY : TRICENTRAL
WELL : NANCY FEDERAL 3-32
FIELD : WILDCAT
COUNTRY : USA
REFERENCE: 000114176

*
*
*

*
* SCHLUMBERGER *
*

COMPANY : TRICENTRAL
WELL : NANCY FEDERAL 3-32
FIELD : WILDCAT
COUNTRY : USA
REFERENCE: 000114176

```

*****
* DEPTH * PERM * PHIE * SI * ROHY * VCL * I-PHIE * I-HYD * I-IV-H *
* FT * MD * PU * PU * G/C3 * PU * FT * FT * FT *
*****
* 4705 * .2 * 7.1 * 33 * * * 19 * 31.1 * 7.6 * 5.9 *
* 5097 * 1.0 * 9.6 * 22 * * * 19 * 20.4 * 6.6 * 4.9 *
* 5100 * 6.0 * 13.5 * 17 * * * 11 * 20.2 * 6.5 * 4.8 *
* 5101 * 20.0 * 15.6 * 17 * * * 5 * 20.0 * 6.4 * 4.7 *
* 5102 * 6.0 * 13.0 * 18 * * * 12 * 19.9 * 6.2 * 4.6 *
* 5104 * 5.0 * 12.7 * 17 * * * 18 * 19.7 * 6.1 * 4.5 *
* 5105 * 1.0 * 10.0 * 25 * * * 24 * 19.6 * 6.0 * 4.4 *
* 5113 * .1 * 5.1 * 35 * * * 9 * 19.0 * 5.8 * 4.2 *
* 5162 * .1 * 7.5 * 32 * * * 16 * 17.7 * 5.5 * 4.0 *
* 5163 * .2 * 7.1 * 36 * * * 19 * 17.6 * 5.4 * 4.0 *
* 5245 * .4 * 8.9 * 30 * * * 11 * 15.3 * 4.8 * 3.4 *
* 5311 * .3 * 7.6 * 31 * * * 17 * 13.1 * 4.3 * 2.9 *
* 5361 * .2 * 6.1 * 40 * * * 4 * 11.6 * 3.9 * 2.6 *
* 5370 * .3 * 7.6 * 38 * * * 15 * 11.2 * 3.7 * 2.4 *
* 5371 * .6 * 8.0 * 38 * * * 5 * 11.1 * 3.7 * 2.3 *
* 5372 * .1 * 6.0 * 43 * * * 3 * 11.0 * 3.6 * 2.3 *
* 5378 * .1 * 5.9 * 44 * * * 11 * 10.8 * 3.5 * 2.2 *
* 5385 * .2 * 6.7 * 45 * * * 10 * 10.5 * 3.4 * 2.1 *
* 5393 * .3 * 7.3 * 43 * * * 1 * 10.1 * 3.2 * 1.9 *
* 5394 * .2 * 6.4 * 43 * * * 8 * 10.0 * 3.2 * 1.9 *
* 5464 * .1 * 6.7 * 39 * * * 18 * 8.5 * 2.8 * 1.5 *
* 5472 * .2 * 7.0 * 36 * * * 27 * 8.0 * 2.5 * 1.4 *
* 5480 * .6 * 9.5 * 30 * * * 27 * 7.5 * 2.3 * 1.3 *
* 5494 * .2 * 5.6 * 31 * * * 9 * 7.0 * 2.2 * 1.1 *
* 5547 * 40.0 * 15.6 * 68 * * * 0 * 6.6 * 2.1 * 1.1 *
* 5548 * 30.0 * 17.4 * 73 * * * 0 * 6.5 * 2.1 * 1.0 *
* 5549 * 3.0 * 15.1 * 92 * * * 16 * 6.3 * 2.0 * 1.0 *
*****
  
```

```

*****
* DEPTH * PERM * PHIE * SW * ROHY * VCL * I-PHIE * I-HYD * I-MV-H *
* FT * MD * PU * PU * G/C3 * PU * FT * FT * FT *
*****
*
* 5550 * 5.0 * 15.3 * 70 * * 16 * 6.2 * 2.0 * 1.0 *
* 5551 * 9.0 * 12.9 * 64 * * 6 * 6.0 * 2.0 * .9 *
* 5552 * 20.0 * 13.6 * 53 * * 0 * 5.9 * 1.9 * .9 *
* 5553 * 3.0 * 11.5 * 58 * * 0 * 5.7 * 1.9 * .8 *
*
* 5575 * .1 * 7.4 * 52 * * 0 * 5.3 * 1.8 * .8 *
* 5576 * 1.0 * 10.5 * 42 * * 0 * 5.3 * 1.8 * .7 *
* 5577 * 1.0 * 10.6 * 43 * * 0 * 5.1 * 1.7 * .7 *
* 5578 * 1.0 * 10.3 * 40 * * 0 * 5.0 * 1.6 * .7 *
* 5579 * 2.0 * 10.3 * 38 * * 1 * 4.9 * 1.6 * .6 *
* 5580 * .5 * 8.3 * 42 * * 0 * 4.8 * 1.5 * .6 *
* 5581 * .2 * 7.0 * 44 * * 0 * 4.8 * 1.5 * .6 *
*
* 5591 * .6 * 9.8 * 94 * * 2 * 4.4 * 1.4 * .5 *
*
* 5595 * .9 * 12.2 * 100 * * 15 * 4.1 * 1.4 * .5 *
* 5596 * 40.0 * 15.8 * 97 * * 6 * 3.9 * 1.4 * .5 *
* 5597 * 50.0 * 15.7 * 78 * * 6 * 3.8 * 1.4 * .5 *
* 5598 * 9.0 * 12.9 * 75 * * 3 * 3.6 * 1.3 * .4 *
*
* 5606 * .2 * 8.9 * 80 * * 0 * 3.2 * 1.3 * .4 *
*
* 5632 * 20.0 * 13.7 * 79 * * 4 * 2.7 * 1.3 * .4 *
* 5633 * .5 * 9.6 * 100 * * 0 * 2.6 * 1.2 * .4 *
*
* 5655 * .2 * 7.1 * 38 * * 19 * 1.4 * .7 * .1 *
*
* 5667 * .1 * 7.2 * 39 * * 23 * .6 * .3 * 0 *
*
* 5672 * .2 * 9.1 * 37 * * 32 * .2 * .1 * 0 *
*
*****
  
```

43-037 30898



DJ SIMMONS, INC.

1009 Ridgeway Place
Suite 200
Farmington,
New Mexico 87401

505-326-3753
505-327-4659 FAX
info@djsimmonsinc.com
www.djsimmonsinc.com

January 23, 2012

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
Attn: Rachel Medina, Oil & Gas Well Information Specialist
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Nancy Federal #3-32 SWD Water Sample Analysis

Dear Ms. Medina,

Attached please find the water sample analysis for the Nancy Federal #3-32 SWD Injection/Disposal well located in San Juan County, Utah (Section 3, T38S, R25E). The sample was collected by Envirotech Analytical Laboratory on January 4, 2012.

Let me know if you have any questions or need additional information, you can contact me at (505) 326-3753 Ext. 127.

Sincerely yours,

Chris S. Lopez
Regulatory Specialist

RECEIVED

JAN 25 2012

DIV. OF OIL, GAS & MINING

43-037-30898



CATION / ANION ANALYSIS

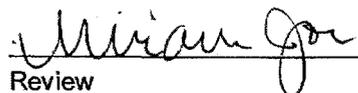
Client:	DJ Simmons Inc.	Project #:	06114-0006
Sample ID:	1	Date Reported:	01-16-12
Laboratory Number:	60724	Date Sampled:	01-04-12
Chain of Custody:	13120	Date Received:	01-04-12
Sample Matrix:	Aqueous	Date Analyzed:	01-05-12
Preservative:	Cool		
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	5.26	s.u.		
Conductivity @ 25° C	483,000	umhos/cm		
Total Dissolved Solids @ 180C	242,000	mg/L		
Total Dissolved Solids (Calc)	217,000	mg/L		
SAR	563	ratio		
Total Alkalinity as CaCO3	30.0	mg/L		
Total Hardness as CaCO3	4,100	mg/L		
Bicarbonate as CaCO3	30.0	mg/L	0.5	meq/L
Carbonate as CaCO3	< 0.01	mg/L	0.000	meq/L
Hydroxide as CaCO3	< 0.01	mg/L	0.001	meq/L
Nitrate Nitrogen	1.30	mg/L	0.021	meq/L
Nitrite Nitrogen	0.036	mg/L	0.001	meq/L
Chloride	132,000	mg/L	3724	meq/L
Fluoride	7.75	mg/L	0.408	meq/L
Phosphate	2.26	mg/L	0.071	meq/L
Sulfate	63.8	mg/L	1.33	meq/L
Iron	0.097	mg/L	0.003	meq/L
Calcium	9.90	mg/L	0	meq/L
Magnesium	995	mg/L	82	meq/L
Potassium	1,230	mg/L	31.5	meq/L
Sodium	83,000	mg/L	3611	meq/L
Cations			3724	meq/L
Anions			3726	meq/L
Cation/Anion Difference			0.05%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
 Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments **Little Nancy Fed. 3-32 SWD**


 Analyst


 Review

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-40053
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LITTLE NANCY
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: LITTLE NANCY UNIT 3-32
2. NAME OF OPERATOR: D J SIMMONS, INC	9. API NUMBER: 43037308980000
3. ADDRESS OF OPERATOR: 1009 RIDGEWAY PL, STE 200 , FARMINGTON, NM, 87401	PHONE NUMBER: 505 326-3753 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1960 FNL 1780 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 03 Township: 38.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: LITTLE NANCY COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/30/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

DJ Simmons intends to Plug and Abandon the subject well. Please see attached BLM Sundry (NOI), Plugging Procedure, Current Wellbore Sketch and P&A'd Wellbore Sketch.

Approved by the Utah Division of Oil, Gas and Mining
Date: September 25, 2012
By: *Dark Quist*

NAME (PLEASE PRINT) Chris S. Lopez	PHONE NUMBER 505 326-3753	TITLE Regulatory Socialist
SIGNATURE N/A		DATE 9/11/2012

Sundry Number: 29866 API Well Number: 43037308980000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43037308980000

Contact the BLM for witnessing of plugging operations.

RECEIVED: Sep. 11, 2012

5 1/2 CAP

= 0.0338

9/25/2012

Wellbore Diagram

r263

API Well No: 43-037-30898-00-00 Permit No: UIC-044 Well Name/No: LITTLE NANCY UNIT 3-32
 Company Name: D J SIMMONS, INC
 Location: Sec: 3 T: 38S R: 25E Spot: SWNE
 Coordinates: X: 662933 Y: 4153509
 Field Name: LITTLE NANCY
 County Name: SAN JUAN

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	(L/CF)
COND	30	16			
HOL1	1366	12.25			
SURF	1366	8.625 x 5.5"	24	0.1926 →	5.192
HOL2	5704	7.875 x 5.5" w/10%		0.2291 →	4.3654
PKR	5450	5.5			
PROD	5704	5.5	15.5	0.1336 →	7.483
T1	5450	2.875			

(L/CF)

Plug # 5
 INSIDE: 300' / (1.15 x 0.1336) = 35 SX
 OUTSIDE: 300' / (1.15 x 0.1926) = 50 SX
 85 SX TOC @ SFC
 Propose 90 SX ✓ O.K.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	16	0		0
PROD	5704	4694	UK	200
SURF	1366	0	PC	390
SURF	1366	0	B	300

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5446	5583			

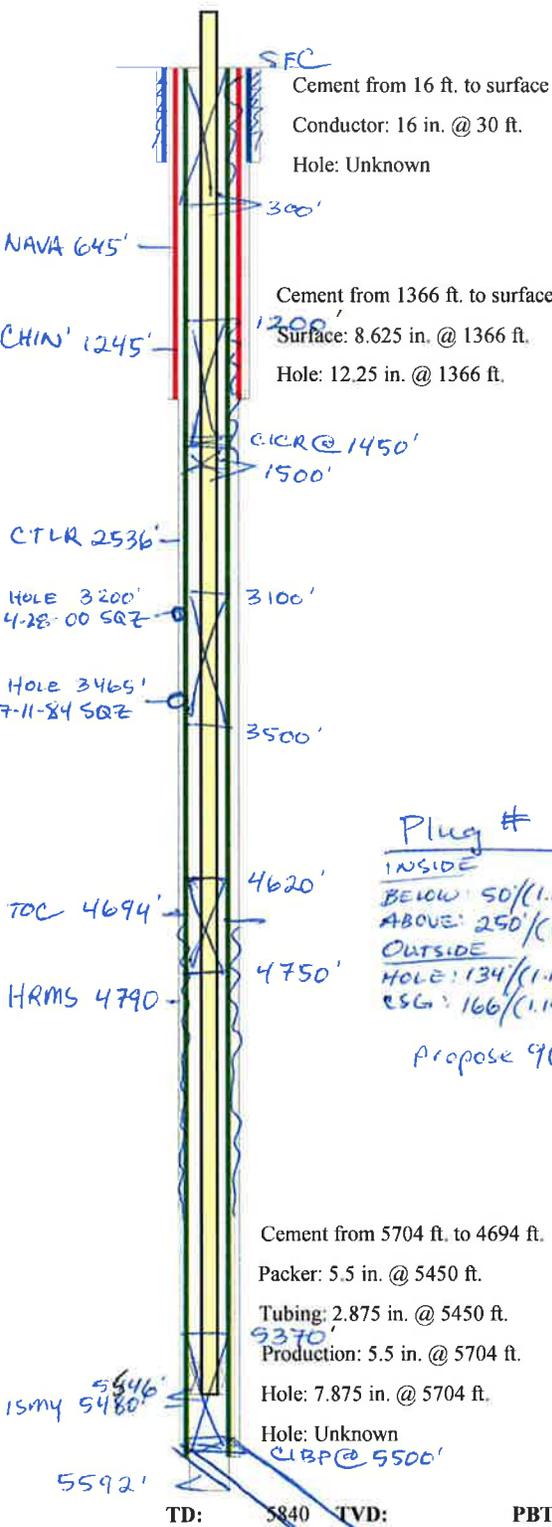
Formation Information

Formation	Depth
NAVA	645
CHIN	1245
CTLR	2536
HRMS	4790
ISMY	5480

Plug # 3
 (45 SX x 1.15 x 7.483) = 387'
 TOC @ 3100' ✓ O.K.

Plug # 2
 (15 SX x 1.15 x 7.483) = 129'
 TOC @ 4620' ✓ O.K.

Plug # 1
 (15 SX x 1.15 x 7.483) = 129'
 TOC @ 5370' ✓ O.K.



TD: 5840 TVD: PBDT: 5649
 5840' 4.5" Open Hole

Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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

5. Lease Serial No.
UTU-40053

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection		7. If Unit of CA/Agreement, Name and/or No. N/A
2. Name of Operator D. J. Simmons, Inc.		8. Well Name and No. Nancy Federal 3-32
3a. Address 1009 Ridgeway Place, Suite 200 Farmington, NM 87401	3b. Phone No. (include area code) (505) 326-3753	9. API Well No. 43-037-30898
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) At Surface: 1,960' FNL & 1,780' FEL, SWNE Sec. 3, T38S, R25E		10. Field and Pool or Exploratory Area Little Nancy
		11. County or Parish, State San Juan, Utah

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

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

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

DJ Simmons intends to Plug and Abandon the Subject well.

Please see attached Plugging Procedure, Current Wellbore Sketch and P&A'd Wellbore Sketch.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
Chris S. Lopez	Title Regulatory Specialist
Signature <i>Chris S. Lopez</i>	Date 09/11/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

Little Nancy Federal No. 3-32 SWD
Plugging & Abandonment Procedure

1960' FNL, 1780' FEL, Sec 3,
T38S, R25E
San Juan County, Utah

- Move in well service unit and rig up.
- Nipple down wellhead and nipple up BOP.
- Trip out of hole with injection tubing and packer. There are no notes in file indicating any lining in the tubing. We can use it for a workstring.
- Trip in hole with wireline set CIBP to set plug at 5500'.
- Trip in hole with workstring to CIBP at 5500'.
- Circulate hole and spot 15sx (17.7 cuft) 15.8ppg cement on top of CIBP to bring cement to 5370'+/-.
- Pull tubing to 5350'+/-.
- Circulate to spot 600 gallons (14.3 bbls) inhibited water from 5350'+/- to 4750'+/-.
- Trip out of hole with workstring laying down excess tubing to land at 4750'+/-.
- Circulate to spot 15sx (17.7 cuft) 15.8ppg cement from 4750'+/- to 4620'+/- to cover annular cement top of 4694'.
- Trip out of hole with workstring laying down excess tubing to land at 4600'+/-.
- Wait on cement until tag strength is reached.
- Tag cement top at 4620'+/- and repair as necessary.
- Circulate to spot 1100 gallons (26.2 bbls) inhibited water from 4600'+/- to 3500'+/-.
- Trip out of hole with workstring laying down excess tubing to land at 3500'+/-.
- Circulate to spot 45sx (53.5 cuft) 15.8ppg cement from 3500'+/- to 3100'+/- to cover casing leak repairs at 3465' and 3200'.
- Trip out of hole with workstring laying down excess tubing to land at 3050'+/-.
- Wait on cement until tag strength is reached.
- Tag cement top at 3100'+/- and repair as necessary.
- Circulate to spot 1600 gallons (38 bbls) inhibited water from 3100'+/- to 1600'+/-.
- Trip out of hole with workstring laying down excess tubing to land at 1600' and stand the rest back to clear the hole.
- Perforate squeeze holes at 1500'+/-.

Little Nancy Federal No. 3-32 SWD, (P&A Procedure cont.)

1960' FNL, 1780' FEL, Sec 3,
T38S, R25E
San Juan County, Utah

- Trip in hole with cement retainer and workstring to set cement retainer at 1450'+/-.
- Establish injection rate through perforations. Check 5 1/2" casing annulus to 8 5/8" casing for circulation. Pump 90sx (106 cuft) 15.8ppg cement pushing 54sx through perforations, 4sx below cement retainer and leaving 30sx on top of cement retainer to leave cement at 1200' inside and outside 5 1/2" casing.
- Trip out of hole with workstring.
- Perforate squeeze holes at 300'.
- Establish injection rate through perforations to surface through 5 1/2" and 8 5/8" annulus. Pump 90sx (106 cuft) 15.8ppg cement to fill casing and annulus to surface.
- Cut off wellhead and casing strings to 4' below grade. Install plugged well marker and fill bell hole with 15.8ppg cement.
- Wait overnight
- If cement is not at surface, tag and top with neat cement as necessary
- Dig out, cut off, install marker, remediate location as indicated in conditions of approval



Nancy Federal #3-32

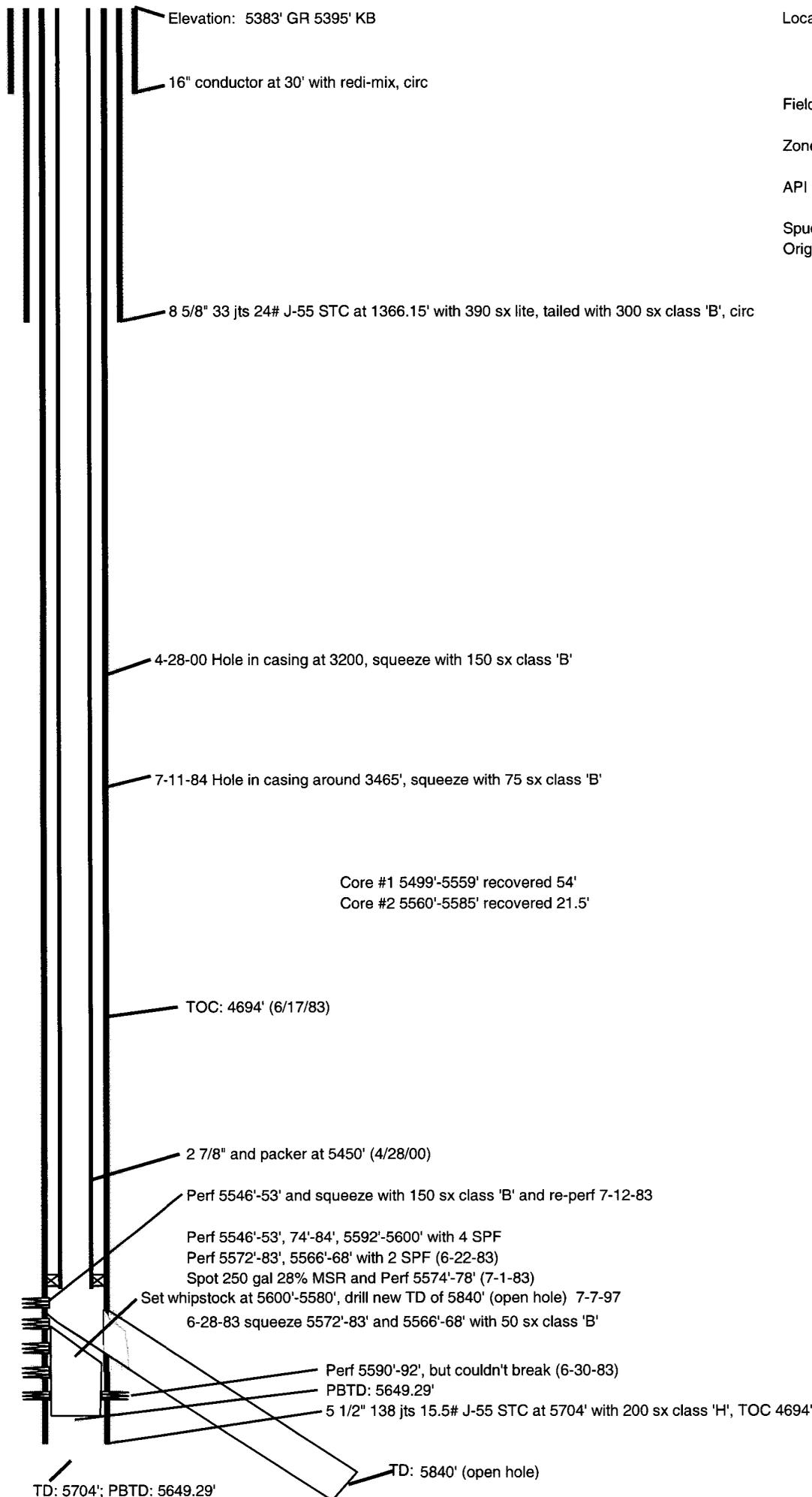
Location: Surface: 1960' FNL, 1780' FEL,
Sec 3, T38S, R25E, San Juan
County, Utah

Field: Nancy

Zone: Ismay

API #: 43-037-30898

Spud Date: June 1, 1983 2330 hours
Originally drilled by Tricentral Resources Inc.





Nancy Federal #3-32

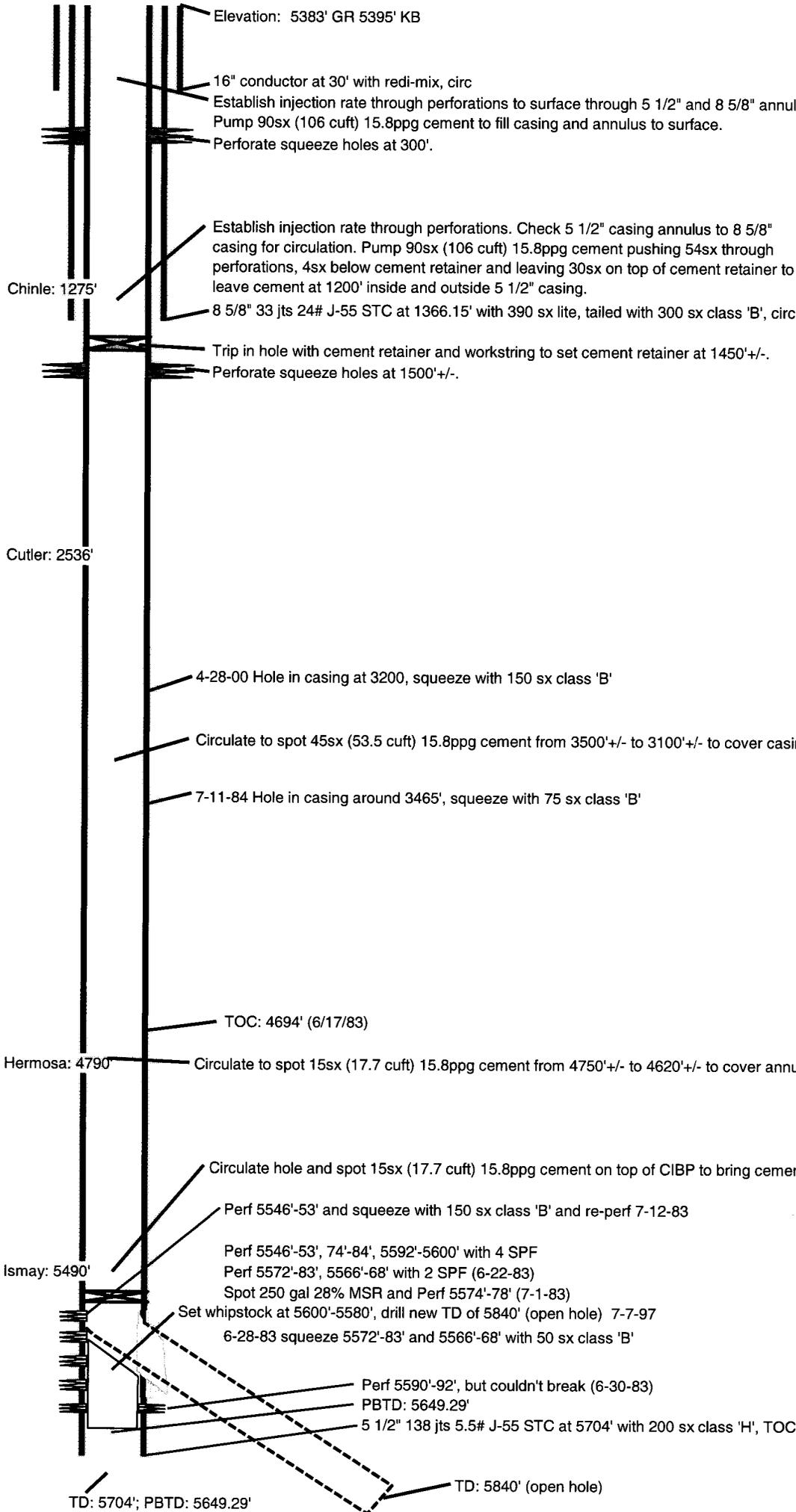
Location: Surface: 1960' FNL, 1780' FEL,
Sec 3, T38S, R25E, San Juan
County, Utah

Field: Nancy

Zone: Ismay

API #: 43-037-30898

Spud Date: June 1, 1983 2330 hours
Originally drilled by Tricentral Resources Inc.



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: UTU-40053	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME: LITTLE NANCY	
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: LITTLE NANCY UNIT 3-32		
2. NAME OF OPERATOR: D J SIMMONS, INC	9. API NUMBER: 43037308980000		
3. ADDRESS OF OPERATOR: 1009 RIDGEWAY PL, STE 200, FARMINGTON, NM, 87401	PHONE NUMBER: 505 326-3753 Ext	9. FIELD and POOL or WILDCAT: LITTLE NANCY	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1960 FNL 1780 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 03 Township: 38.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/8/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
D. J. Simmons, Inc. Plugged and Abandoned the Subject well. Please see attached Plugging and Abandonment Report and final wellbore sketch.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 22, 2013			
NAME (PLEASE PRINT) Chris S. Lopez	PHONE NUMBER 505 326-3753	TITLE Regulatory Socialist	
SIGNATURE N/A		DATE 7/22/2013	

Little Nancy Federal No. 3-32 SWD

Plugging & Abandonment Report

1960' FNL, 1780' FEL, Sec 3,
T38S, R25E
San Juan County, Utah

- 6-28-2013:
 - Move in well service unit and rig up.
 - TP: 1,000psi, CP: 310psi, BH: 5 psi
 - Nipple down wellhead and nipple up BOP.

- 7-2-2013:
 - Trip out of hole with injection tubing and packer.
 - Trip in hole with workstring to 5720' tag.
 - Load hole with 1 bbl.
 - Plug #1: Spot 72sx (84.96 cuft) 15.6ppg 1.18cuft/sx Class B cement from 5720' to 5043' as specified by Jeff Brown, BLM.

- 7-3-2013:
 - Tag cement at 5152'
 - Pump 9 ½ bbls 9ppg mud at 32sec/qt vis from 5152' to 4751'.
 - Plug #2: Spot 25 sx (29.5 cuft) 15.6ppg 1.18cuft/sx Class B cement with 2% CaCl₂ from 4751' to 4531' as specified by Jeff Brown, BLM.
 - Tag cement at 4529'.
 - Pump 24 bbls 9ppg mud at 32sec/qt vis from 4529' to 3517'.
 - Plug #3: Spot 56sx (66.08 cuft) 15.6ppg 1.18cuft/sx Class B cement from 3517' to 3023'.

- 7-8-2013:
 - Tag cement at 3052'.
 - Pump 35 bbls 9ppg mud at 32sec/qt vis from 3052' to 1600'
 - Load hole with 9 bbls.
 - Test casing to 850psi. Held OK.
 - Perforate casing with 3 shots at 1500'. Establish injection.
 - Set cement retainer at 1451'.
 - Plug #4: Pump 117sx (138.06 cuft) 15.6ppg 1.18cuft/sx Class B cement from 1500' to 1142' by pumping 76sx through perforations, leaving 6sx in casing below cement retainer and leaving 35sx in casing on top of cement retainer.
 - Perforate casing with 3 shots at 300'. Establish injection through to bradenhead.
 - Plug #5: Pump 150sx (177 cuft) 15.6ppg 1.18cuft/sx Class B cement to fill inside and outside casing from 300' to surface.

- Cut off wellhead and casing strings to 6' below grade. Install below grade plugged well marker and fill bell hole with 13sx (15.34 cuft) 15.8ppg 1.18cuft/sx Class B cement.

- Marker is located at: N.37° 30.848' W.109° 09.375'



Nancy Federal #3-32

