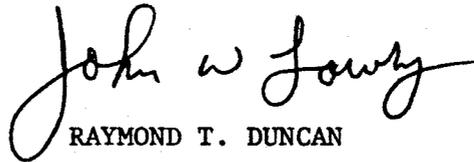


1777 SOUTH HARRISON STREET • PENTHOUSE ONE
TELEPHONE (303) 759-3303 • DENVER, COLORADO 80210

October 18, 1982

TO WHOM IT MAY CONCERN

Permitco is authorized to act as agent on behalf of Raymond T. Duncan to file applications and necessary paperwork to obtain permits to drill oil and gas wells in the Rocky Mountain Area.

A handwritten signature in cursive script that reads "John W. Lowry".

RAYMOND T. DUNCAN

John W. Lowry
District Drilling and Production
Superintendent

Permitco

A Petroleum Permitting Company

November 9, 1982

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

RE: Raymond T. Duncan
#1-22 Bradford Canyon
590' FNL & 1000' FEL
Section 22, T37S-R24E
San Juan County, Utah

Gentlemen:

Raymond T. Duncan 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.

Raymond T. Duncan is the lease holder of all of Section 22, T37S-R24E. 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
Raymond T. Duncan

LLG/tjb

Enclosures

cc: MMS - Salt Lake City, Durango
BLM - Monticello
Raymond T. Duncan

*Within Bradford Canyon Unit
therefore this request is not
necessary.
11/16/82*

**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-14236

6. If Indian, Allottee or Tribe Name

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

7. Unit Agreement Name
Bradford Canyon Unit

8. Farm or Lease Name
Bradford Canyon

9. Well No.
#1-22 Bradford Canyon

2. Name of Operator
Raymond T. Duncan

3. Address of Operator
1777 So. Harrison St., Penthouse #1, Denver, CO 80210

10. Field and Pool, or Wildcat
Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 22, T37S-R24E

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface **590' FNL and 1000' FEL**

At proposed prod. zone **Section 22, T37S-R24E**

14. Distance in miles and direction from nearest town or post office*
Located 22.2 miles from Hatch Trading Post, Utah

12. County or Parrish 13. State
San Juan Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) **320'**

16. No. of acres in lease **1280**

17. No. of acres assigned to this well **160**

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. **None**

19. Proposed depth **5950'**

20. Rotary or cable tools **Rotary**

21. Elevations (Show whether DF, RT, GR, etc.)
5468' GR

22. Approx. date work will start*
Upon approval of APD

23. **PROPOSED CASING AND CEMENTING PROGRAM**

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	110'	Cement to surface
12-1/4"	8-5/8"	24#	2500'	Cement to surface w/Class "G" or suff. to circulate
7-7/8"	5-1/2"	15.5#	5950'	300 sx. Calss "G" or suff. to cover zones of interest

Duncan proposes to drill a well to 5950' to test the Ismay and Desert formations. If productive, we will run casing and complete. If dry, we will plug and abandon as per Minerals Management Service and State of Utah requirements.

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

24. Signed John W. Lowry District Drilling and Production Superintendent Date 11/8/82

(This space for Federal or State office use)

Permit No. _____ Approved by _____ Title _____

Conditions of approval, if any: _____

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

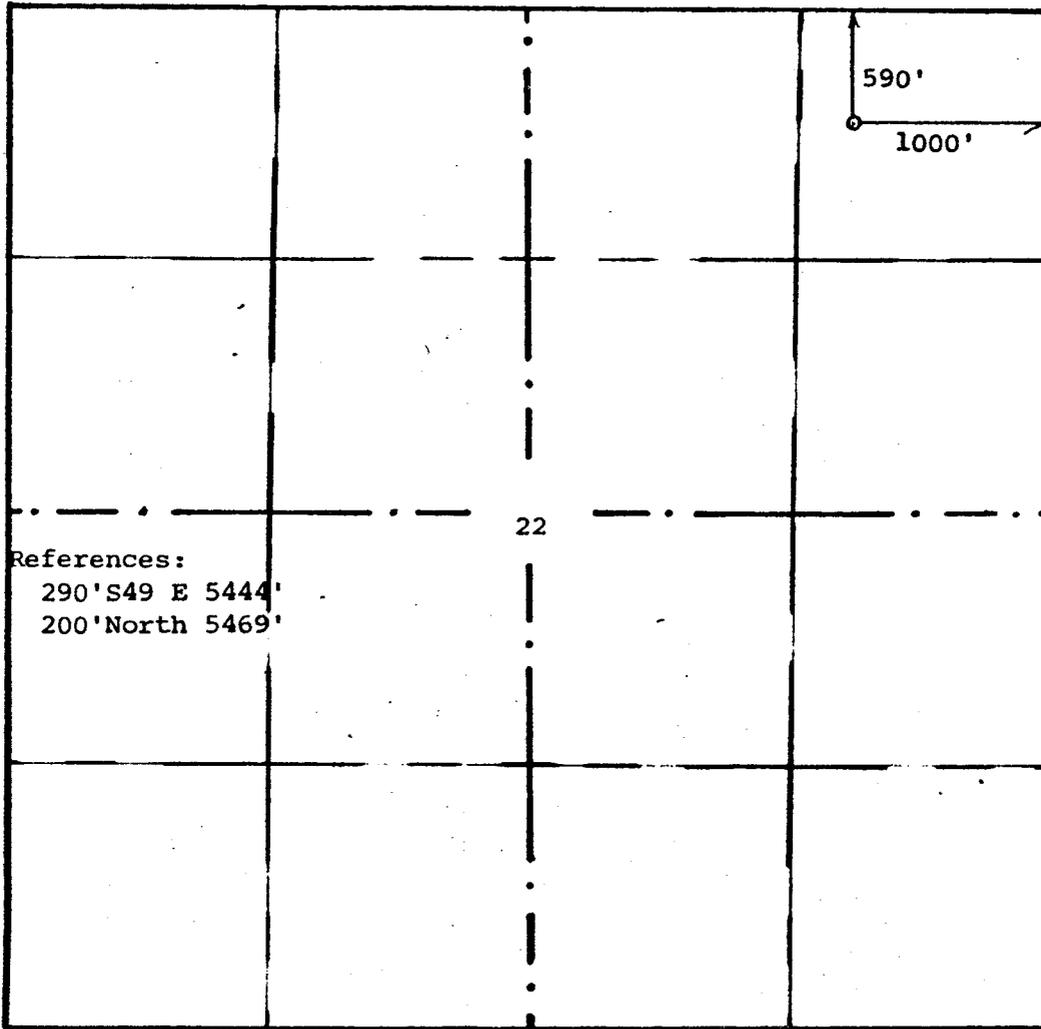
DATE: 11-17-82
BY: [Signature]

*See Instructions On Reverse Side

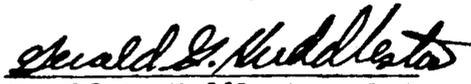


POWERS ELEVATION

Well Location Plat



1"=1000'

Operator Raymond T. Duncan		Well name 1-22 Bradford Canyon	
Section 22	Township 37 South	Range 24 East	Meridian Salt Lake
Footages 590'FNL & 1000'FEL			County/State San Juan, Utah
Elevation 5468'	Requested by Lisa Green		
The above plat is true and correct to the best of my knowledge and belief.			
30 Oct.'82		 Gerald G. Huddleston, L.S. Utah Exception	

MAP #2

Raymond T. Duncan

#1-22 Bradford Canyon

590' FNL & 1000' FEL

Section 22, T37S-R24E

San Juan County, Utah



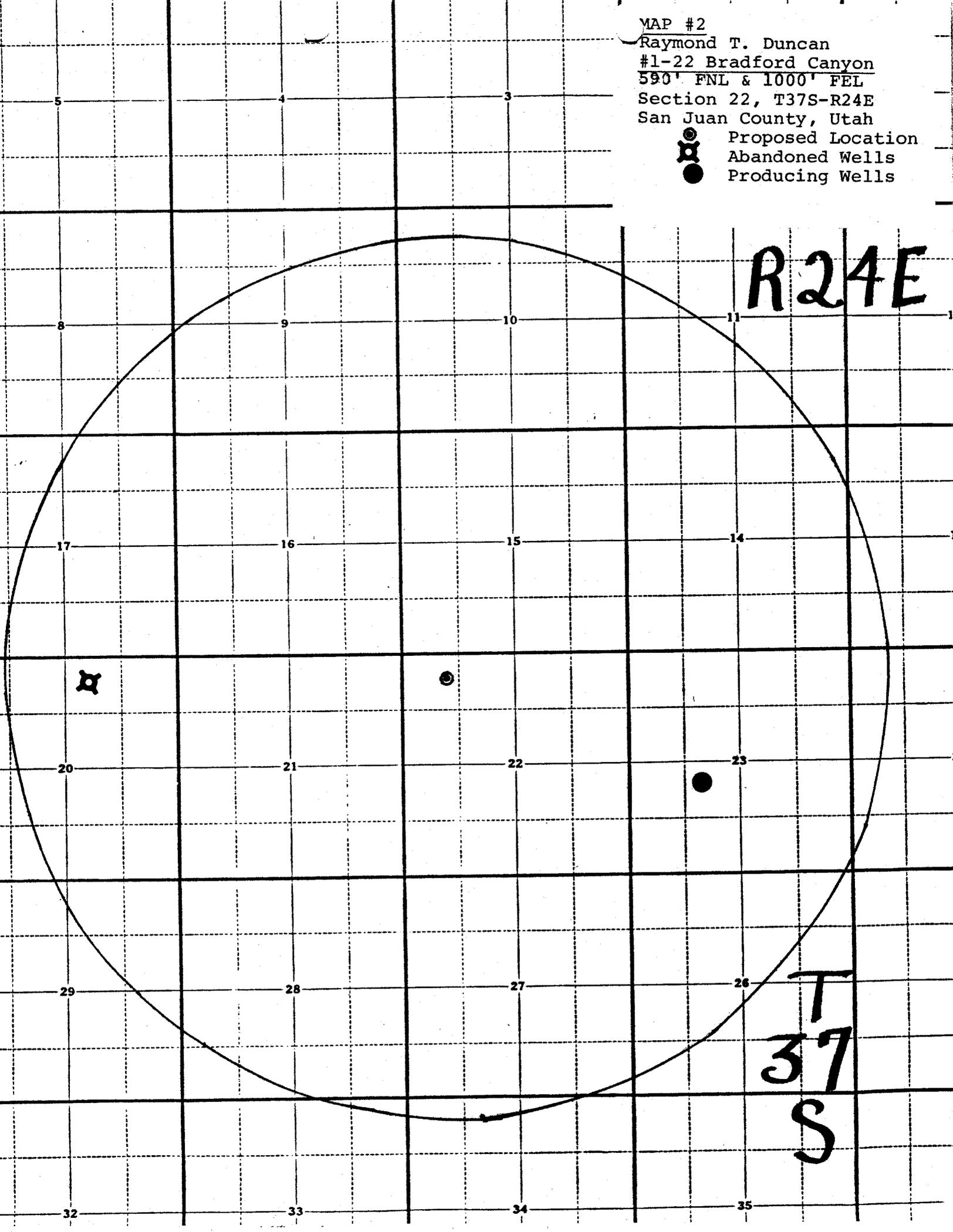
Proposed Location

Abandoned Wells

Producing Wells

R24E

T
37
S



TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

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

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Hermosa	4475'	+ 970'
Ismay	5535'	- 90'
Lower Ismay	5715'	- 270'
Gothic Shale	5765'	- 320'
Desert Creek	5785'	- 340'
Lower Desert Creek	5850'	- 405'
Chimney Rock Shale	5890'	- 445'
T.D.	5950'	

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

<u>Substances</u>	<u>Formation</u>	<u>Anticipated Depth</u>
Oil/Gas	Ismay	5715'
Oil/Gas	Desert Creek	5850'

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>	
Conductor	110'	17-1/2"	13-3/8"	48 #	K-55	ST&C	New
Surface	2500'	12-1/4"	8-5/8"	24 #	K-55	ST&C	New
Production	5950'	7-7/8"	5-1/2"	15.5#	K-55	ST&C	New

- b. The cement program will be as follows:

<u>Conductor</u> 0-110'	<u>Type and Amount</u> Cement to surface
<u>Surface</u> 0-2500'	<u>Type and Amount</u> Cement to surface with Class "G" plus additives or sufficient to circulate
<u>Production</u> 0-5950'	<u>Type and Amount</u> 300 sx. Class "G" plus additives or sufficient to cover zones of interest

Permitco

A Petroleum Permitting Company

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

5. Blowout preventer stack will consist of a 10" Series 3000# W.P. BOP. See BOP Diagram. Equipment will be tested prior to drilling out from under surface and operational checks will be made daily thereafter.
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> |
|-----------------|-----------------|----------------|--------------|------------|
| 0-4200' | Natural | 9.0-9.2 | 35 | 10-20 |
| 4200-T.D. | Chem Gel | 9.5-12.0 | 45 | 10 |
7. Auxiliary equipment to be used is as follows:
- Kelly Cock
 - Float above the bit
 - Monitoring of the system will be done visually.
 - 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:
- There will be one (1) core in the Desert Creek formation.
 - DST: (1) Ismay - 5535' and (2) Desert Creek - 5850'
 - The logging program will consist of Dual Induction: 2500' - T.D.; BHC-Density/CNL: 2500' - T.D.; and Dipmeter: 5500' to T.D.
 - Stimulation will be determined after the evaluation of the logs and any DST's that are run. If treatment is needed, a sundry notice will be submitted.
 - We request permission to flare the Ismay and Desert Creek formations for a period of 120 days each. This time period is necessary to adequately evaluate the extent of the reservoir and to analyse the decline rates.
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 3400 psi.
10. Raymond T. Duncan plans to spud the #1-22 Bradford Canyon upon approval of the APD, and intends to complete the well within approximately one month after the well has reached T.D.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

Gentlemen:

We submit the following application and plats for permission to drill the #1-22 Bradford Canyon.

1. Existing Roads

- a. The proposed well site and elevation plat is shown on Plat #1.
- b. Directions to the location from Hatch Trading Post are as follows: Go north 8 miles to the Perkins Ranch. Turn west and go 4 miles on improved road. Turn right and go north 4 miles on gravel road. Turn right and go northeast 5.3 miles to a fork in the road. Turn right and go 1-3/4 miles to the location.
- c. For access roads see Map #1.
- 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 of the well site are shown on Map #1.
- 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 be necessary and will be limited to a total existing disturbed width. New construction will be limited to a total disturbed width of 20 feet. Surfacing material 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.

2. Planned Access Roads

- a. The new access road will be approximately 20 feet wide.
- b. The grade will be 5% or less.
- c. No turnouts are planned.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

2. Planned Access Roads (cont.)

- 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. There is a main drainage east of the location, but will not be affected by the drilling of this well.
- f. No culverts will be necessary. The maximum cut is 8 feet. The maximum fill is 5 feet.
- g. Only native materials will be utilized.
- h. No gates, cattle guards, or fence cuts will be necessary.
- i. The last 700 feet will be new access road and will be 20 feet wide with no grade to exceed 4%.

3. Location of Existing Wells (See Map #2)

- a. Water wells - none
- b. Abandoned wells - one
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells - one
- g. Shut in wells - none
- h. Injection wells - none
- i. Monitoring observation wells - none

4. Location of Existing and/or Proposed Facilities

- a. There is one set of production facilities and gas gathering lines owned or controlled by Raymond T. Duncan within a one-mile radius of the proposed well.
- 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.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

4. Location of Existing and/or Proposed Facilities (cont.)

3. Dimensions of the facilities will be 168 feet long and 162 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. Only native materials will be utilized.
6. An earthen dike utilizing subsoil in the surrounding area will be built around the storage tanks and separator 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.
7. 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.
8. 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.

5. Location and Type of Water Supply

- a. The source of water will be the Bonnie Dalton Artesian well which is located in Section 36, T38S-R24E. 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 is to 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.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

6. Source of Construction Materials (cont.)

- 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 Map #1.

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. A chemical porta-toilet will be furnished with the drilling rig.
- 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.
- f. The reserve pit will be lined with commercial bentonite or plastic sufficient to prevent seepage. 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 nonflammable 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 (801/587-2705) before burning trash.
- i. All trash, garbage, etc. is to be gathered and buried at the end of drilling operations and covered with a minimum of 2 feet of earth. Immediately on completion of drilling the location and surrounding area will be cleared of all debris resulting from the operation.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

7. Methods for Handling Waste Disposal (cont.)
 - j. Nonburnable 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
 - a. 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 stockpiles will be shown on Diagram #2. The location will be laid out and constructed as discussed during the predrill 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.
 - 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 scarified with the contour to a depth of 12 inches.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

10. Plans for Restoration of Surface (cont.)

- 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
2 lbs./acre - Fourwing Saltbush
1 lb./ acre - Alkali Sacaton
2 lbs./acre - Shadscale
1 lb./acre - Curleygrass

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 that 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.
- i. The access shall be upgraded to BLM Class III road specifications, if production is established.
- j. The top 6 inches of soil material will be removed from the location and stockpiled separate from the trees on the west side of the location. Topsoil along the access will be reserved in place.

11. Other Information

- a. The location sits on a ridge crest bounded by a small canyon to the east and north. Bedrock is exposed along the edges of the pad area.

Permitco

A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FNL and 1000' FEL
Section 22, T37S - R24E
San Juan County, Utah

11. Other Information

- a. Vegetation - Pinyon and juniper, sagebrush, rabbit brush, and Yucca.
Soils - Aeolian silt
Fauna - burrowing animals, rabbits, birds, snake and sheep, however, none were seen at the on-site inspection.
- b. Surface in the area is owned by the Bureau of Land Management and is used for oil and gas exploration and perhaps sheep grazing.
- c. The nearest water is one mile south in Montezuma Creek.
- d. The nearest occupied dwelling is approximately one mile North at the Dalton's 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 upon approval of this A.P.D.
- g. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resources 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 Resource Area BLM Office in Monticello, Utah (801/587-2201) 48 hours prior to beginning any work on public land.
- i. The San Juan County Road Department in Monticello, Utah will be contacted prior to use of county roads. (801/587-2249).
- j. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work is done.

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A Petroleum Permitting Company

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

Raymond T. Duncan
#1-22 Bradford Canyon
590' FNL and 1000' FEL
Section 22, T37 S - R24E
San Juan County, Utah

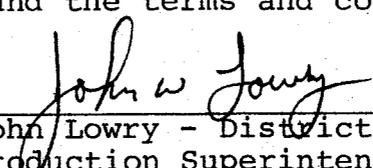
12. Lessee's Or Operator's Representative

John Lowry will be Raymond T. Duncan's representative. Mr. Lowry can be reached by telephone in Denver, Colorado at his office (303/759-3303) or at home (303/922-2018). Please contact Lisa Green at 303/595-4051 for permit matters.

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 Raymond T. Duncan and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

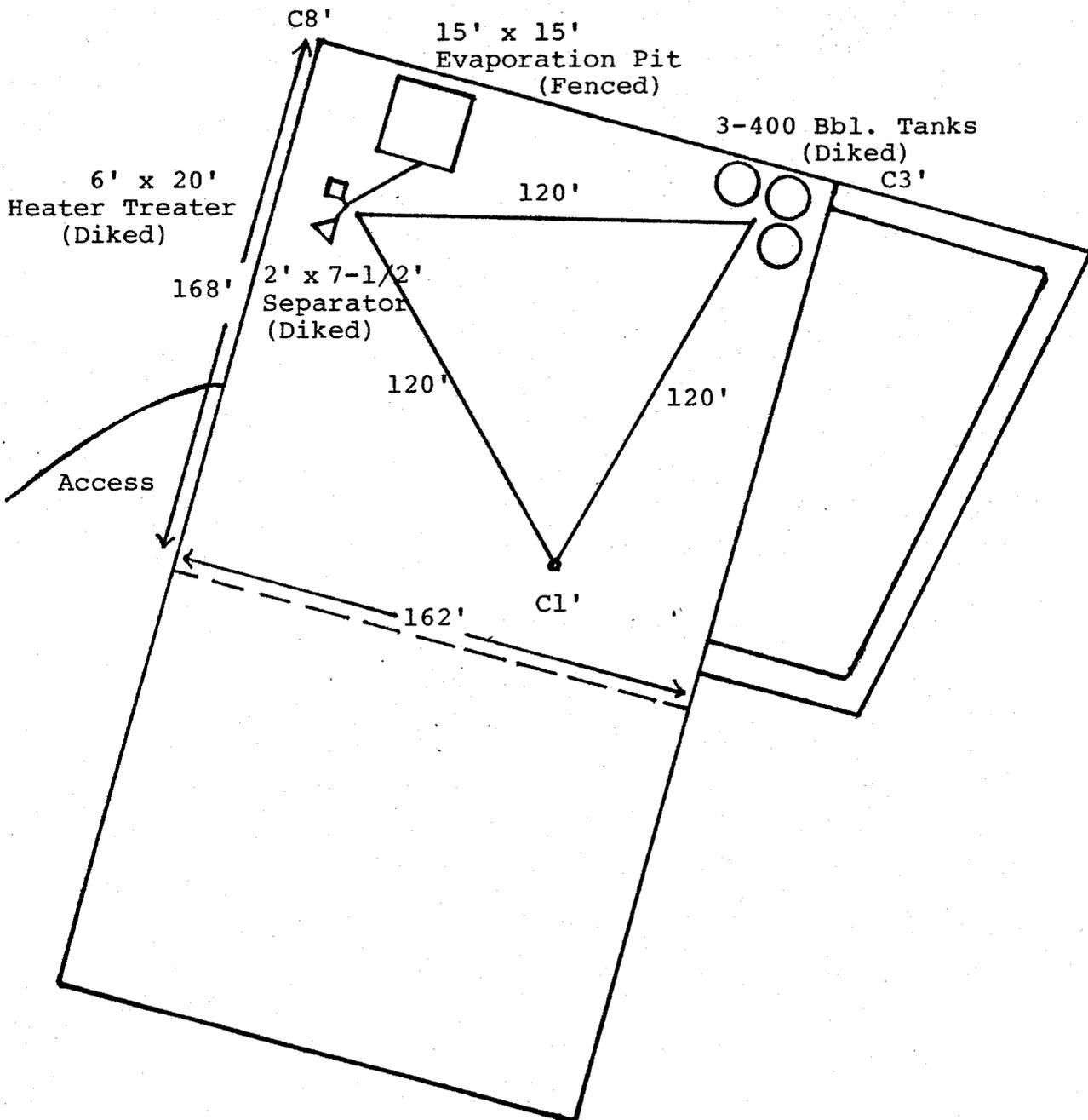
Date 11/8/82



John Lowry - District Drilling and
Production Superintendent for
Raymond T. Duncan

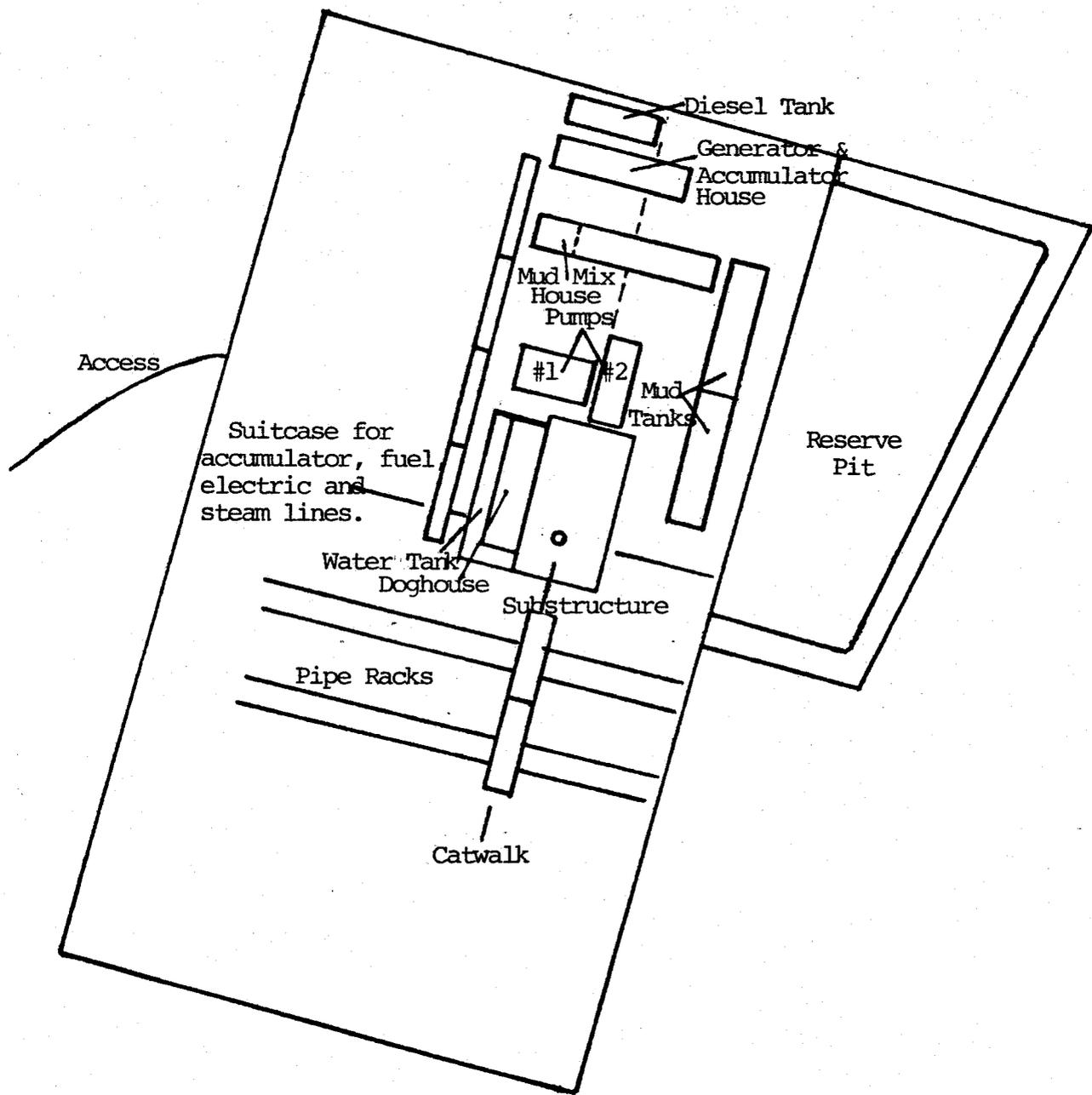
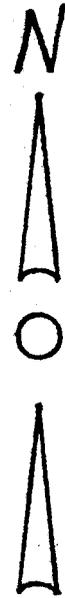
Permitco

A Petroleum Permitting Company



Scale: 1" = 50'

DIAGRAM #1
Production Facilities Layout
Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah



Scale: 1" = 50'

DIAGRAM #2
Rig Layout
Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah



POWERS ELEVATION

Well 1-22 Bradford Canyon

OIL WELL ELEVATIONS — LOCATIONS
ENVIRONMENTAL — ARCHAEOLOGICAL SERVICES
608 SOUTH CHERRY STREET, SUITE 1201
DENVER, COLORADO 80222
PHONE NO. 368/321-3217

Cut *|||||* 4000 c.y.
Fill: *////* 500 c.y.

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

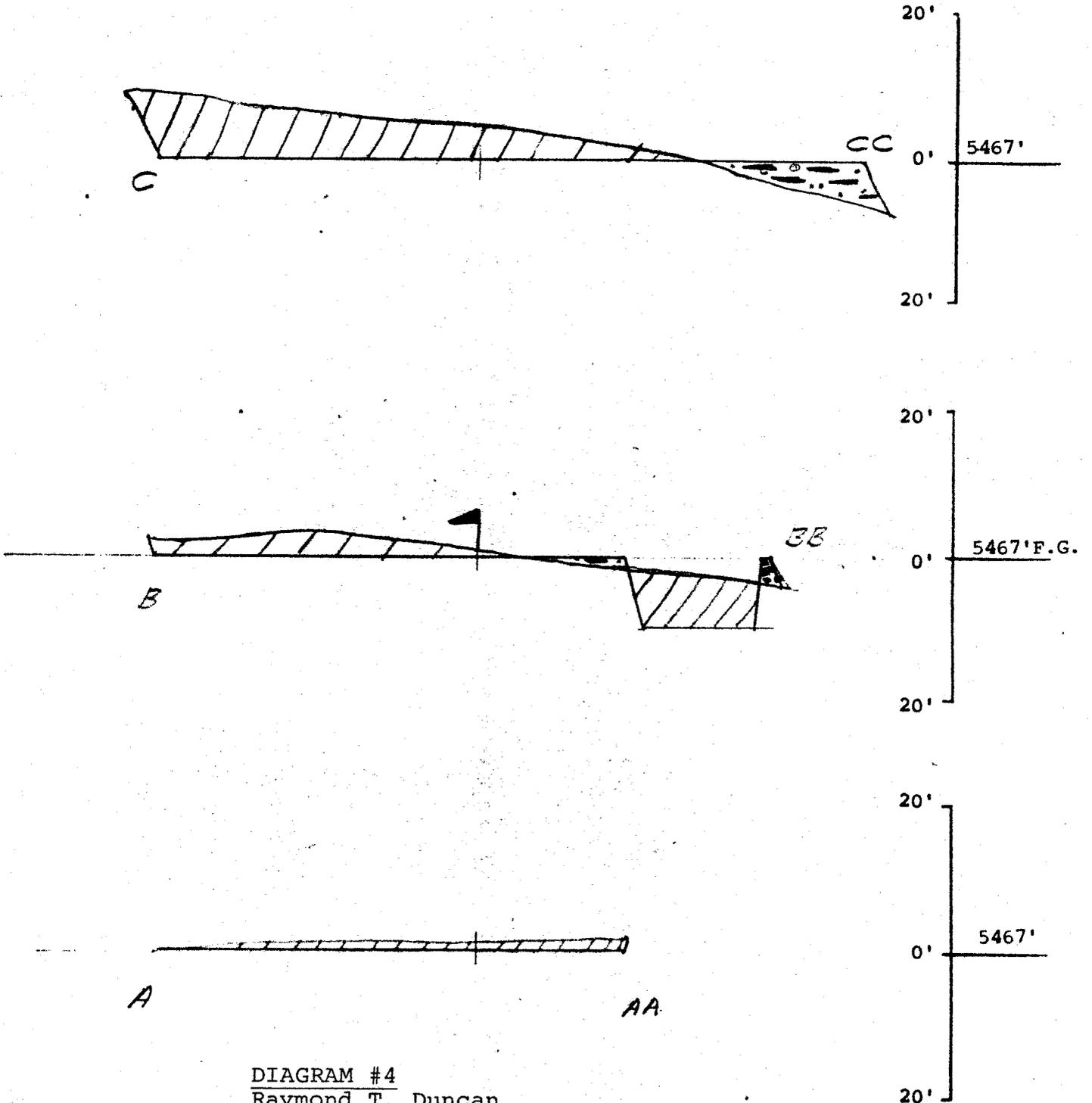


DIAGRAM #4
Raymond T. Duncan
#1-22 Bradford Canyon
590' FN & 1000' FE
Section 22, T37S-R24E
San Juan County, Utah

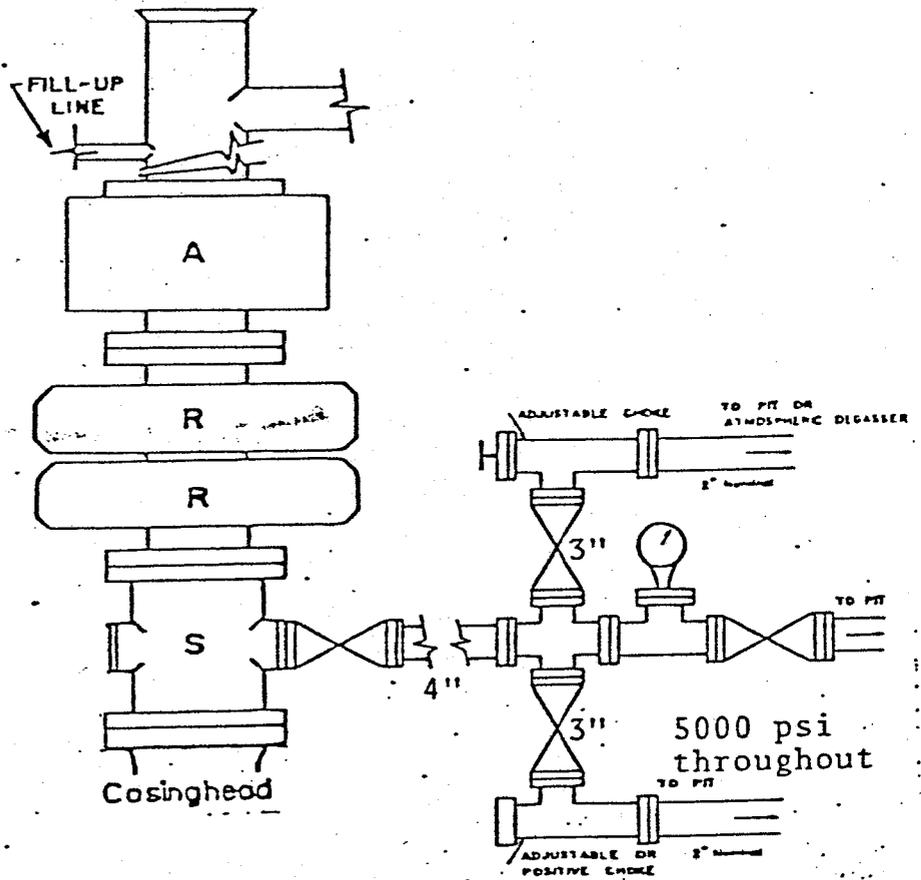
ANDERSON - MYERS DRILLING COMPANY

Blowout Preventer and Choke Manifold

RIG # 18

Shaffer Spherical
10" 5000

Shaffer 'LWS'
10" 5000



AN ARCHEOLOGICAL SURVEY OF
WALTER DUNCAN OIL PROPERTIES'
#1-22 BRADFORD CANYON WELL PAD
AND ACCESS ROADS
SAN JUAN COUNTY, UTAH

LAC REPORT 8234

BY
PATRICK L. HARDEN

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

NOVEMBER 6, 1982

Federal Antiquities Permit
#82-UT-160

Prepared For:
Walter Duncan Oil Properties
Penthouse
1777 South Harrison St.
Denver, Colorado 80210

ABSTRACT

An archeological survey of Walter Duncan Oil Properties' #1-22 Bradford Canyon well pad and approximately 5-1/2 miles of access roads was conducted on October 22 and 28 and November 2 and 4, 1982 by personnel of La Plata Archeological Consultants. The project area is located on lands administered by the Bureau of Land Management, San Juan Resource Area, Utah. Six archeological sites and two isolated finds were recorded, with all of the sites located along the access routes. Two separate well pad locations were surveyed, with the two isolated finds located in the vicinity of, but not directly on, the well pad selected for drilling. All of the sites along the access routes will be avoided during road improvements, and should receive no adverse impacts. Archeological clearance is recommended for this project.

INTRODUCTION

The archeological survey for the #1-22 Bradford Canyon well pad project was requested by Ms. Lisa Green, acting permit agent for Walter Duncan Oil Properties. The survey of the initial well pad location and a portion of the access route was performed in conjunction with the pre-drill inspection conducted on October 22, 1982. Persons attending the pre-drill were Ms. Green (Permitco), John Lowery (Duncan Oil), Brian Wood (BLM), Don Englishman (USGS), Gerald Huddleston (land surveyor), Al Heaton (Urado Construction), and Patrick Harden (LAC). A subsequent well location was selected by Duncan Oil, and another pre-drill inspection was

conducted on October 28. Ms. Green was not present for this inspection and Steve Fallon replaced Mr. Lowery as Duncan Oil's representative; otherwise the same persons attended the pre-drill. Patrick Harden of La Plata Archeological Consultants, Dolores, Colorado, performed the archeological survey. Additional survey of the access routes was conducted on November 2 and 4 with the assistance of Barry Hibbets.

Both the original well pad location and the subsequent selected pad site are located in the NE 1/4, NE 1/4, Section 22, T37S, R24E, San Juan County, Utah. The access routes are located in portions of sections 9, 10, 15, 16, 17, 18, and 22. The area is included on the Blanding, Utah 15' series topographic map (1957).

The proposed project consists of the construction of a single well pad approximately 250 X 250' in size and improvements to approximately 5-1/2 miles of existing roads or seismograph trails. Approximately two miles of road will require spot improvements to allow drilling rig and equipment access, while approximately 3-1/2 miles of road will be improved for both drilling access and further use for well servicing if the well is productive. The well pad location selected is approximately 550' northeast of the original location.

PHYSIOGRAPHY

The well pad location is situated atop a prominent ridge which borders Montezuma Canyon on the west. The area is bounded on the north and south by Bradford and Deadman canyons, respectively. The area on the ridge crest is

relatively flat, gently sloping to the southeast. Vegetation is a pinyon-juniper community, with pinyon, juniper, snakeweed, bitterbrush, ephedra, rabbitbrush, yucca, and squaw currant represented. The area is slightly eroded, with bedrock exposed in places. Sediments consist of aeolian silt. There are no sources of potable water present in the immediate vicinity.

The access routes traverse relatively flat terrain to the west for approximately 1-3/4 miles, passing through pinyon-juniper woodland and a large sage-covered area. The drilling-rig access road then proceeds westward, ascending the eroded Deadman Canyon wall and partially crossing an eroded area on Alkali Point. The servicing access road runs north to Bradford Canyon, then descends a steep north-facing slope to intersect with the Montezuma Creek road to the east. Again, a pinyon-juniper plant community is dominant along most of the access routes, although the easternmost portion of the service route passes through a big-sagebrush dominated area on the floodplain of Bradford Canyon.

EXAMINATION PROCEDURES

A file and literature review was conducted at the San Juan Resource Area office of the BLM prior to the field examination. None of the well pad areas had been previously inventoried, and no significant cultural resources are in the project area. A portion of the drilling rig access road has been archeologically surveyed; one significant site was located along the north side of the road. This site should receive no

adverse impact from the road improvements necessary in this locale. An area 600 X 600' surrounding both well pad center stakes was surveyed by walking a series of transects spaced 15 meters apart over the entire area. A 50' wide corridor along the existing roads or trails to be used for access was walked via single zig-zag transects.

RESULTS

A total of six archeological sites was found during the survey; all are located along the access routes. In addition, two isolated finds were recorded near the selected well pad location. None of the sites should receive any adverse impacts from road improvements if care is taken to avoid site 42SA11487. This site has been flagged and the construction contractor made aware of the need to avoid it during road improvements.

Brief descriptions of the archeological sites found are given below; more detailed information is available in the site forms submitted to the Bureau of Land Management and the Utah State Historical Society.

Site 42SA11487

This site is an apparently single-room field house. A rubble concentration 1.5 X 2m in size and a sparse and diffuse artifact scatter are present. Ceramics indicate a Pueblo II occupation (ca. 900-1150 A.D.). The site is adjacent to the access road but flagging and instructions to the construction contractor should ensure avoidance. The site should not be further disturbed.

Site 42SA11488

This site consists of a surface pueblo of approximately eight rooms, a kiva, and a midden area. The midden and the surface rooms have been heavily damaged from chaining and pot hunting, although substantial cultural deposits remain. Only a thin scatter of artifacts washed downslope are within the area of the access road and no adverse effects to the site should occur from road improvements.

Site 42SA11489

This site is a small granary located near the base of the south Bradford Canyon Wall. Most of the wall of the structure has been destroyed. A sparse artifact scatter is located downslope from the granary. The site should not be further disturbed from road-improvement activities since it is located approximately 10m from the existing road.

Site 42SA11490

This site represents a temporary lithic reduction locale. A core, chopper, hammerstone, and flake concentration, found on a large boulder at the base of the south Bradford Canyon well, indicate a limited-activity site. A sparse artifact scatter is located below the tool concentration. The sparse concentration is located approximately 10m from the existing road, with only a small part of the sparse and diffuse scatter likely to be disturbed from road improvements.

Site 42SA11491

This is a multicomponent site, with Pueblo II and Basketmaker III occupations represented. The Pueblo II portion of the site is a surface pueblo of approximately

15-20 rooms, a kiva, and a heavily potted midden area. Ceramic artifacts suggest that a very limited Pueblo I component may also be present on this area of the site. The Basketmaker III component is represented by seven slab-lined cists, a possible surface structure (rubble area), and several small middens. Much of this part of the site has also been vandalized. All site features are located well away from the access road and should receive no adverse impacts from improvements to it.

Site 42SA11492

This site consists of a series of check dams placed in a small drainage on Alkali Point. Seven double-walled dams were present, extending for approximately 150m along the north-south-trending arroyo. Two or three other dams may also be represented, but erosion and construction activities have largely obscured their features. Entrenchment of the arroyo has apparently increased 2.5 to 3' since the check dams were built, for they are not that height above the arroyo channel bottom.

IF-1

This isolated find consists of a total of four large quartzite flakes and three Moccasin Gray sherds. A Pueblo I (ca. A.D. 750-900) affiliation is assignable. The find locale is 20m west of the southwest corner of the well pad.

IF-2

The second isolated find is a large corner-notched projectile point which has a short contracting stem. The artifact is made from a gray and white mottled chert. The point dates to the Late Archaic period (ca. 2000-1 B.C.). The find

locale is 33m north of the well pad.

SUMMARY

The archeological survey of Walter Duncan Oil Properties' #1-22 Bradford Canyon well pad and access routes was performed on October 22 and 28, and November 2 and 4, 1982. Two separate well pad locations and approximately 5-1/2 miles of access roads were investigated. Six archeological sites and two isolated finds were recorded. All of the sites are located along the access roads, and with one exception should be in no jeopardy of disturbance from road improvements. The exception, a small field house (42SA11487), is located along a section of road requiring some widening. This site has been flagged and Mr. Al Heaton, construction contractor, has been made aware of its presence. The site should be strictly avoided. Given this stipulation, archeological clearance is recommended for this project.

WELL NAME: No. 1-22 Bradford Canyon Unit

LOCATION: NE NE Section 22, T37S, R24E
590' FNL, 1000' FEL
San Juan County, Utah

FIELD: Undesignated

ELEVATIONS: Ground Level - 5468 Feet
Kelly Bushing - 5481 Feet

GEOLOGIST: Jim Holst
Intermountain Wellsite Geologists
4000' - T.D.

MUDLOGGING: Analex
910 16th Street
Denver, Colorado 80202
(303) 893-8138
Unit No. 158-G
One Man Logging Unit
Logger - Scott George

SPUD DATE: January 16, 1983 (4:00 a.m.)

CEASED DRILLING: February 2, 1983 (11:00 p.m.)

CONTRACTOR: Arapahoe Drilling
Rig No. 11
P.O. Box 2078
Farmington, New Mexico 87401
(505) 325-5018

TOOLPUSHER: Albert Frank

DRILLERS: P. Gallegos
D.J. Lenocker
G. Davis
J. Lee

COMPANY MAN: J.A. "Arkie" Browning
P.O. Box 1058
Cortez, Colorado 81321
(303) 565-8806
Mobile (303) 565-5000

RIG EQUIPMENT: Type Drawworks - National T-32
Derrick - 126 Feet, 8 line block
Pump No. 1 - Ideal C-250, 15" Stroke
5½" liner
Pump No. 2 - Ideal C-150, 12" Stroke
5½" liner
Drill Pipe - 4½", 4IF (X-Hole)
Drill Collars - 6 1/16", 4½IF (X-Hole)

DRILLING FLUIDS: Drilling Mud, Inc.
P.O. Box 1179
Cortez, Colorado 81321
(303) 565-6244
Engineer - Don Bryant
Type Mud - Fresh Chemical Gel

SURFACE CASING: Driller - 116 Feet, 13 3/8 Inch
2500 Feet, 8 5/8 Inch

Logger - 2497 Feet, 8 5/8"

TOTAL DEPTH: Driller - 5949 Ft. - S.L.M. 5945 Ft.
Logger - 5946 Ft.

BOTTOM HOLE TEMPERATURE: DST No. 2 - 124°F
E-Logger - 116°F

SAMPLES: 30' Samples (surface to 2500');
10' Samples (2500' to T.D.)
Wet cut samples sent to Amstrat in
Denver, Colorado; 10' dry cut samples
(2500'-T.D.) sent to Duncan Oil in
Denver; show samples also sent to
Duncan in Denver, Colorado.

CORES: Core No. 1 Desert Creek, 5842 ft. to
5872 ft.; cut 30 ft.; recovered 30 ft.;
ACC (American Coldset Corp.) Core Hand-
James Abel; core analysis - Core Lab,
Farmington, N.M. 87401 (505) 325-3132

Core No. 2 Lower Desert Creek, 5872 ft.
to 5898 ft.; cut 26 ft.; recovered 21 ft.;
ACC (American Coldset Corp.) Core Hand-
James Abel; core analysis - Core Lab,
Farmington, N.M. 87401 (505) 325-3132

DRILL STEM TEST NO. 1: Upper Ismay, 5594 feet to 5624 feet,
30 foot test. Halliburton Services -
Tester - Howard Bell.

DRILL STEM TEST NO. 2: Lower Desert Creek, 5870 feet to 5898
feet, 30 foot test. Halliburton Services -
Tester - Gene Roberts

ELECTRICAL LOGS: Dresser Atlas
711 Arrowwest Unit C
Grand Junction, Colorado 81502
(303) 241-9310
Field Engineer - Pat Kelly

ELECTRICAL LOGS RUN:

DIL with SP and GR (Base of surface casing to total depth)

FDC/CNL with GR and CAL (Base of surface casing to total depth)

BHC Sonic with GR and CAL (Base of surface casing to total depth)

DIPMETER (5500 to total depth)

PRO-LOG (4500 to total depth)

DRILL STEM TEST NO. 2: Lower Desert Creek (5870 ft. to 5898 ft.; 28 ft. test)
Continued

OBSERVATIONS AND COMMENTS: It appears that Drill Stem Test No. 2 was a successful test, the packers set and no fluid was lost downhole. Apparently no mechanical failure was indicated on the test tool. The packers pulled loose easily and no problems were encountered while tripping out and dismantling the test tool.

A closer examination of this test is in order. It appeared that we got a good mechanical test but the test results do not really reflect what was observed in Core No. 2. We should have seen higher shut-in pressures, in fact, all of the pressures except hydrostatic, were unexpectedly low.

DRILL STEM TEST DATA

DRILL STEM TEST NO. 2: Lower Desert Creek (5870 ft. to 5898 ft.; 28 ft. test)

TYPE: Bottom hole conventional with no water cushion

FLOWS:

IF - 15 Minutes - Tool open with weak blow, 4 inches in bubble bucket, remained at 4 inches. No gas to surface.

ISI - 30 Minutes - Surface action died

FF - 30 Minutes - Tool open with no surface action on 1/4 inch choke

FSI - 150 Minutes - No surface action

RECORDER FIELD PRESSURES:

	<u>Inside Chart (Top)</u>	<u>Outside Chart (Bottom)</u>
Location (depth)	5846	5894
IH	3546.7	3565.6
IF	26.4-26.4	40.2-40.2
ISI	34.6	80.3
FF	26.4-26.4	40.2-40.2
FSI	79.2	120.4
FH	3493.4	3578.9
Bottom Hole Temp.	124°F	124°F

RECOVERY:

Drill Pipe - 30 ft. mud

Sample Chamber - 2050 cc mud at 10 psi

RESISTIVITIES:

Drill Pipe - Top, 1.39 @ 62°F; middle - no check; bottom - no check

Sample Chamber - 1.47 @ 59°F

Pit Mud - 1.70 @ 62°F

Pit Mud Filtrate - No check

DRILL STEM TEST NO. 1: Upper Ismay (5594 ft. to 5624 ft.; 30 ft. test)
Continued

OBSERVATIONS AND COMMENTS: Drill Stem Test No. 1 was a successful mechanical test, the packers set and held, no mechanical failure was indicated on the test tool, no fluid was lost.

The results of this drill stem test in the Upper Ismay indicate a tight (fair to good porosity with low permeability) zone. No formation water was recovered indicating that, at this location, we are above any oil/water contact, giving this zone possibilities in making a gas well.

DRILL STEM TEST DATA

DRILL STEM TEST NO. 1: Upper Ismay (5594 ft. to 5624 ft.; 30 ft. test)

TYPE: Bottom hole conventional with no water cushion

FLOWS:

IF - 15 Minutes - Tool open with strong blow increasing to 20 oz. in 5 minutes on $\frac{1}{4}$ inch surface choke, 2 lbs. in 10 minutes, 3.5 lbs. in 15 minutes. No gas to surface.

ISI - 30 Minutes - Surface action very slowly died.

FF - 60 Minutes - Tool open with strong blow, 8 lbs. on $\frac{1}{4}$ inch choke increasing to 18 lbs. in 15 minutes, gas to surface in 22 minutes at 22 lbs. Decreased to 21 lbs. in 30 minutes, 20 lbs. in 45 minutes. Stabilized at 20 lbs. in 60 minutes, 50 MCF/day, 10-15 ft. flare.

FSI - 120 Minutes - Surface action very slowly died.

RECORDER FIELD PRESSURES:

	<u>Inside Chart (Top)</u>	<u>Outside Chart (Bottom)</u>
Location (depth)	5576	5624
IH	2795	2783
IF	27-54	53-79
ISI	2125	2114
FF	54-80	54-106
FSI	2393	2385
FH	2795	2783
Bottom Hole Temp.	120°F	120°F

RECOVERY:

Drill Pipe - 120 ft. of gas cut mud.

Sample Chamber - 900 cc. of gas cut mud; 0.3 cu. ft. gas at 75 psi.

RESISTIVITIES:

Drill Pipe - Top, 1.82 @ 67°F; middle - no check; bottom - no check

Sample Chamber - 1.62 @ 64°F

Pit Mud - 1.58 @ 55°F

Pit Mud Filtrate - no check

FORMATION TOPS

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>E-LOG TOP</u>	<u>SUBSEA</u>
Pennsylvanian			
Hermosa	4488	4504	+977
Upper Ismay	5549	5558	-77
Lower Ismay	5735	5728	-247
Gothic Shale	5785	5782	-301
Desert Creek	5812	5811	-330
Lower Desert Cr.	5874	5873	-392
Chimney Rock	5898	5892	-411
T.D.	5949	5946	-465

Permitco

A Petroleum Permitting Company

November 9, 1982

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

RE: Raymond T. Duncan
#1-22 Bradford Canyon
590' FNL & 1000' FEL
Section 22, T37S-R24E
San Juan County, Utah

RECEIVED
NOV 12 1982

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Raymond T. Duncan 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.

Raymond T. Duncan is the lease holder of all of Section 22, T37S-R24E. 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

Lisa L. Green
Consultant for
Raymond T. Duncan

*Unit well therefore
this request not
necessary.
mm
11-16*

LLG/tjb

Enclosures

cc: MMS - Salt Lake City, Durango
BLM - Monticello
Raymond T. Duncan

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT BRADFORD CANYON

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

November 17, 1982

Raymond T. Duncan
1777 South Harrison St.,
Penthouse #1
Denver, Colorado 80210

RE: Well No. 1-22 Bradford Canyon
NENE Sec. 22, T.37S, R.24E
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 - Engineer
Office: 533-5771
Home: 571-6068

OR

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

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

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

The API number assigned to this well is 43-037-30850.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: MMS
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Nov 12 1982

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
 Raymond T. Duncan

3. ADDRESS OF OPERATOR
 1777 So. Harrison St., Penthouse #1, Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 590' FNL and 1000' FEL
 At proposed prod. zone Section 22, T37S-R24E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Located 22.2 north of Hatch Trading Post, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 320'

16. NO. OF ACRES IN LEASE 1280

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 5950'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5468' GR

22. APPROX. DATE WORK WILL START*
 Upon approval of APD

5. LEASE DESIGNATION AND SERIAL NO.
 U-14236

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Bradford Canyon Unit

8. FARM OR LEASE NAME
 Bradford Canyon

9. WELL NO.
 #1-22

10. FIELD AND POOL, OR WILDCAT
 Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 22, T37S-R24E

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	110'	Cement to surface
12-1/4"	8-5/8"	24#	2500'	Cement to surface w/Class "G" or sufficient to circ.
7-7/8"	5-1/2"	15.5#	5950'	300 sx. Class "G" or suff. to cover zones of interest

Duncan proposes to drill a well to 5950' to test the Ismay and Desert Creek formations. If productive, we will run casing and complete. If dry, we will plug and abandon as per Minerals Management Service and the State of Utah requirements.

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

24. SIGNED John W. Lowry TITLE District Drilling and Production Superintendent DATE 11/8/82
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE E. W. Guynn DATE DEC 16 1982
 DISTRICT OIL & GAS SUPERVISOR

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 477 DATED 1/1/80

State 006

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.

Raymond T. Duncan
Well No. 1-22
Section 22, T.37S., R.24E.
San Juan County, Utah
Bradford Canyon Unit
Lease U-14236

Supplemental Stipulations

- 1) If production results, all engines will be muffled because of the well's location in deer winter range.
- 2) 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 resource. Surface casing program may require adjustment for protection of fresh water aquifers.
- 3) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Dakota. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

NOTICE OF SPUD

w/c

Company: Raymond T Duncan

Caller: John Lowery

Phone: #759-3303

Well Number: #1-22 Bradford

Location: NE 1/4 NE 1/4 Sec. 22, T. 37S, R. 24E

County: San Juan State: UT

Lease Number: U-14236

Lease Expiration Date: _____

Unit Name (If Applicable): Bradford Conifer Unit

Date & Time Spudded: 1-16-83 4:00 A.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 5' w/ 12 1/4";
13 3/8" cc @ 116';

Rotary Rig Name & Number: Arapahoe Drilling # 11

Approximate Date Rotary Moves In: 1-15-83

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 1-17-83 9:07 A.M.

cc: Well file
BEM(mms) Uenal
UT St. O&G

TAM
APD

BRADFORD CANYON

LEASE NAME

1-22

WELL NO.

1

TEST NO.

5594.1 - 5624.1

TESTED INTERVAL

RAYMOND T. DUNCAN

LEASE OWNER/COMPANY NAME

LEGAL LOCATION
SEC. - TWP. - RNG.

22 - 37S - 24E

FIELD
AREA

WILDCRT

COUNTY

SNR JUNN

STATE

UTAH

IC/PM

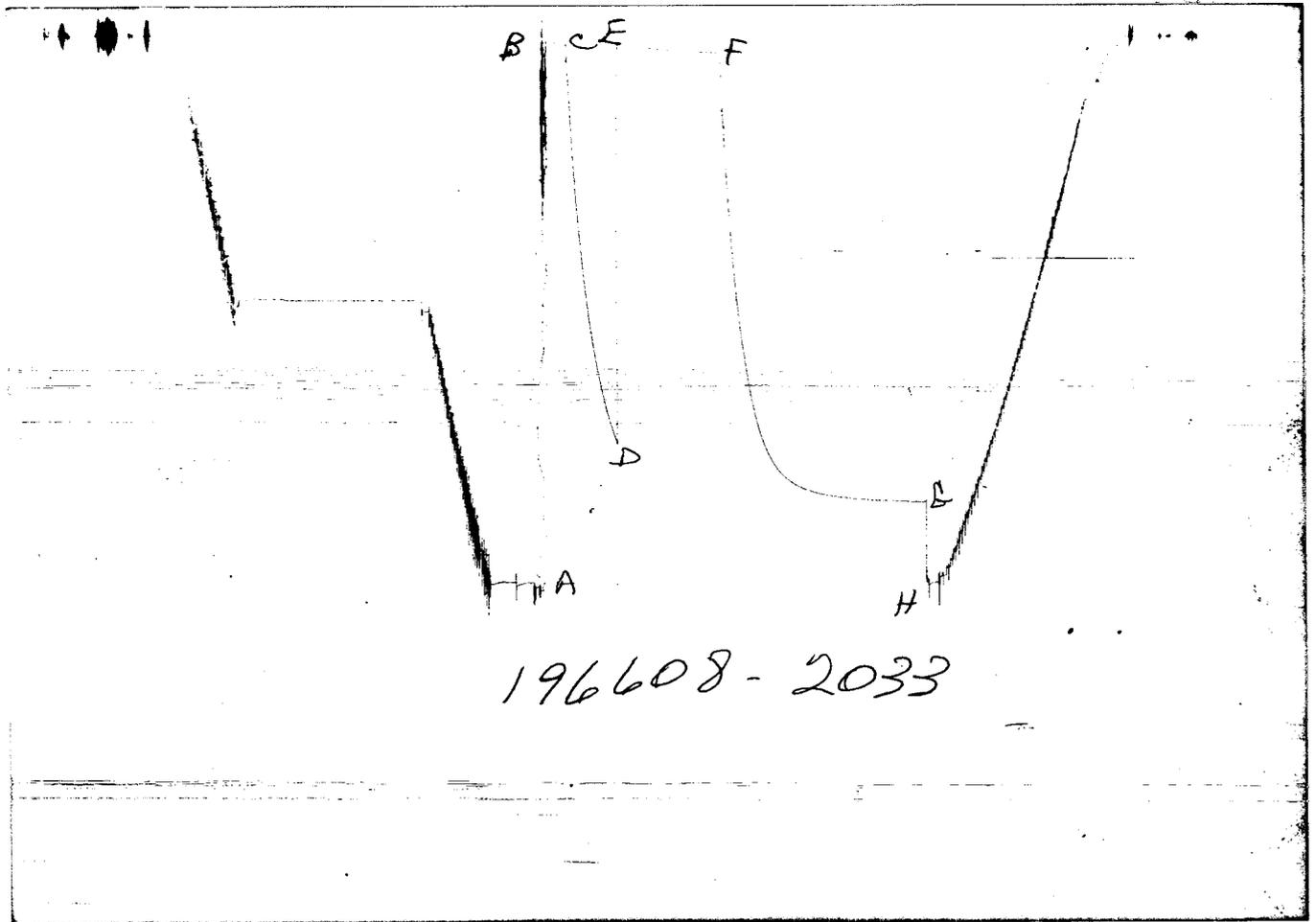


TICKET NO. 19660800
 07-FEB-83
 FARMINGTON

RECEIVED
 FEB 14 1983

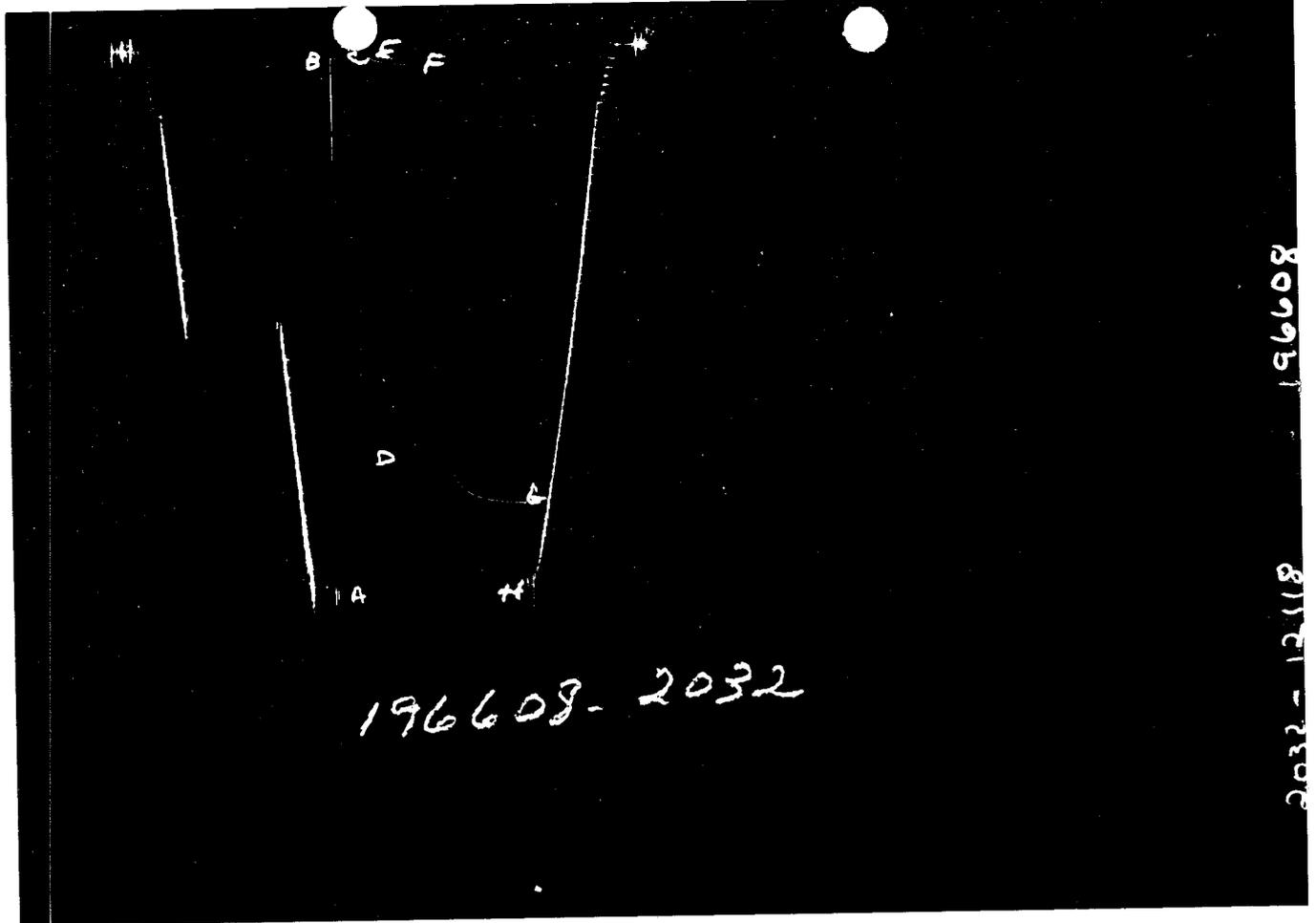
DIVISION OF
 OIL GAS & MINING

FORMATION TESTING SERVICE REPORT



GAUGE NO: 2033 DEPTH: 5576.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2795	2860.1			
B	INITIAL FIRST FLOW	27	32.1			
C	FINAL FIRST FLOW	54	44.4	14.0	13.9	F
C	INITIAL FIRST CLOSED-IN	54	44.4			
D	FINAL FIRST CLOSED-IN	2125	2130.4	30.0	29.7	C
E	INITIAL SECOND FLOW	54	40.0			
F	FINAL SECOND FLOW	80	88.6	60.0	60.2	F
F	INITIAL SECOND CLOSED-IN	80	88.6			
G	FINAL SECOND CLOSED-IN	2393	2439.9	120.0	120.1	C
H	FINAL HYDROSTATIC	2795	2861.2			



GAUGE NO: 2032 DEPTH: 5620.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2783	2889.9			
B	INITIAL FIRST FLOW	53	57.1			
C	FINAL FIRST FLOW	79	64.0	14.0	13.9	F
C	INITIAL FIRST CLOSED-IN	79	64.0			
D	FINAL FIRST CLOSED-IN	2114	2141.6	30.0	29.7	C
E	INITIAL SECOND FLOW	53	59.4			
F	FINAL SECOND FLOW	106	100.8	60.0	60.2	F
F	INITIAL SECOND CLOSED-IN	106	100.8			
G	FINAL SECOND CLOSED-IN	2385	2453.8	120.0	120.1	C
H	FINAL HYDROSTATIC	2783	2896.0			

EQUIPMENT & HOLE DATA

FORMATION TESTED: UPPER ISMAY
 NET PAY (ft): 20.0
 GROSS TESTED FOOTAGE: 30.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 5481
 TOTAL DEPTH (ft): 5624.0
 PACKER DEPTH(S) (ft): 5588, 5594
 FINAL SURFACE CHOKE (in): 0.250
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.80
 MUD VISCOSITY (sec): 40
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 120 @ 5620.0 ft

TICKET NUMBER: 19660800
 DATE: 1-30-83 TEST NO: 1
 TYPE DST: OPEN HOLE
 HALLIBURTON CAMP: FARMINGTON
 TESTER: H. BELL
 WITNESS: ARKIE BROWNING
 DRILLING CONTRACTOR: ARAPAHOE #11

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
PIT	1.580 @ 55 °F	ppm
TOP	1.820 @ 67 °F	ppm
SAMPLER	1.620 @ 64 °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm

SAMPLER DATA

Pstg AT SURFACE: 75
 cu.ft. OF GAS: 0.30
 cc OF OIL: 0
 cc OF WATER: 0
 cc OF MUD: 900
 TOTAL LIQUID cc: 900

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED: 120 FEET OF GAS CUT MUD

MEASURED FROM
TESTER VALVE

REMARKS:

TICKET NO: 19660800
 CLOCK NO: 11444 HOUR: 12



GAUGE NO: 2033
 DEPTH: 5572.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	32.1			
2	2.0	32.9	0.8		
3	4.0	33.3	0.4		
4	6.0	34.8	1.5		
5	8.0	37.4	2.7		
6	10.0	40.2	2.8		
7	12.0	42.9	2.7		
C 8	13.9	44.4	1.5		
FIRST CLOSED-IN					
C 1	0.0	44.4			
2	2.0	381.8	337.4	1.8	0.899
3	4.0	660.1	615.7	3.1	0.653
4	6.0	895.6	851.2	4.2	0.522
5	8.0	1097.3	1053.0	5.1	0.437
6	10.0	1272.5	1228.2	5.8	0.378
7	12.0	1407.4	1363.0	6.4	0.335
8	14.0	1532.5	1488.1	7.0	0.300
9	16.0	1645.1	1600.7	7.5	0.271
10	18.0	1742.3	1697.9	7.8	0.249
11	20.0	1825.7	1781.3	8.2	0.230
12	22.0	1900.4	1856.0	8.5	0.213
13	24.0	1974.1	1929.8	8.8	0.199
14	26.0	2034.4	1990.0	9.1	0.186
15	28.0	2089.4	2045.0	9.3	0.175
D 16	29.7	2130.4	2086.0	9.5	0.167
SECOND FLOW					
E 1	0.0	40.0			
2	10.0	57.0	17.0		
3	20.0	65.4	8.4		
4	30.0	73.5	8.2		
5	40.0	78.9	5.3		
6	49.9	84.8	5.9		
F 7	60.2	88.6	3.9		
SECOND CLOSED-IN					
F 1	0.0	88.6			
2	8.0	1245.2	1156.6	7.2	1.011
3	16.0	1803.6	1714.9	13.1	0.752
4	24.0	2104.6	2016.0	18.2	0.611
5	32.0	2254.1	2165.5	22.4	0.521
6	40.0	2328.4	2239.7	26.0	0.455
7	48.0	2368.6	2279.9	29.2	0.405
8	56.0	2392.4	2303.8	31.9	0.366
9	64.0	2407.7	2319.1	34.4	0.334

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
10	72.0	2417.4	2328.7	36.5	0.307
11	80.0	2424.4	2335.8	38.5	0.285
12	88.0	2429.6	2340.9	40.2	0.266
13	96.0	2433.4	2344.8	41.8	0.249
14	104.0	2436.6	2348.0	43.3	0.234
15	112.0	2438.6	2350.0	44.6	0.221
G 16	120.1	2439.9	2351.3	45.9	0.209

REMARKS:

TICKET NO: 19660800
 CLOCK NO: 12118 HOUR: 24



GAUGE NO: 2032
 DEPTH: 5620.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	57.1			
2	2.0	55.4	-1.7		
3	4.0	55.7	0.3		
4	6.0	55.8	0.1		
5	8.0	57.5	1.7		
6	10.0	59.4	1.8		
7	12.0	62.4	3.0		
C 8	13.9	64.0	1.6		
FIRST CLOSED-IN					
C 1	0.0	64.0			
2	2.0	382.1	318.1	1.8	0.895
3	4.0	645.0	581.0	3.1	0.651
4	6.0	871.9	807.9	4.2	0.521
5	8.0	1079.9	1015.9	5.1	0.437
6	10.0	1250.1	1186.1	5.8	0.379
7	12.0	1404.2	1340.2	6.5	0.334
8	14.0	1518.8	1454.8	7.0	0.300
9	16.0	1638.0	1574.0	7.4	0.272
10	18.0	1740.2	1676.2	7.9	0.248
11	20.0	1826.6	1762.6	8.2	0.230
12	22.0	1911.2	1847.3	8.5	0.213
13	24.0	1986.2	1922.3	8.8	0.199
14	26.0	2047.2	1983.2	9.1	0.186
15	28.0	2102.4	2038.4	9.3	0.175
D 16	29.7	2141.6	2077.7	9.5	0.167
SECOND FLOW					
E 1	0.0	59.4			
2	10.0	72.0	12.7		
3	20.0	81.0	9.0		
4	30.0	89.4	8.4		
5	40.0	93.1	3.7		
6	50.0	98.2	5.0		
F 7	60.2	100.8	2.6		
SECOND CLOSED-IN					
F 1	0.0	100.8			
2	8.0	1198.4	1097.6	7.2	1.011
3	16.0	1797.2	1696.4	13.1	0.751
4	24.0	2105.6	2004.8	18.1	0.612
5	32.0	2261.9	2161.1	22.4	0.521
6	40.0	2339.7	2238.9	26.0	0.455
7	48.0	2380.9	2280.1	29.2	0.406
8	56.0	2404.0	2303.2	31.9	0.366
9	64.0	2420.0	2319.2	34.4	0.334

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
10	72.0	2429.7	2328.9	36.5	0.307
11	80.0	2436.9	2336.1	38.5	0.285
12	88.0	2442.4	2341.6	40.2	0.265
13	96.0	2447.2	2346.4	41.8	0.249
14	104.0	2450.3	2349.5	43.3	0.234
15	112.0	2452.5	2351.7	44.6	0.221
G 16	120.1	2453.8	2353.1	45.9	0.209

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	4953.0	
3		DRILL COLLARS.....	6.500	2.250	515.0	
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0	5469.0
3		DRILL COLLARS.....	6.500	2.250	90.0	
5		CROSSOVER.....	6.000	3.000	1.0	
13		DUAL CIP SAMPLER.....	5.030	0.870	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	5572.0
80		AP RUNNING CASE.....	5.000	2.250	4.0	5576.0
15		JAR.....	5.030	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	3.0	
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	5588.0
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	5594.0
20		FLUSH JOINT ANCHOR.....	5.750	3.000	24.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.0	5620.0
TOTAL DEPTH					5624.0	

EQUIPMENT DATA

BRADFORD CANYON UNIT 1-22 2 5870.1 - 5898.1 RAYMOND T. DUNCAN
LEASE OWNER/COMPANY NAME

LEGAL LOCATION 22 - 37S - 24E FIELD AREA WILDCAT COUNTY SNB JURN STATE UTAH SM/PY
SEC. - TYP. - RING.

LEASE NAME WELL NO. TEST NO. TESTED INTERVAL

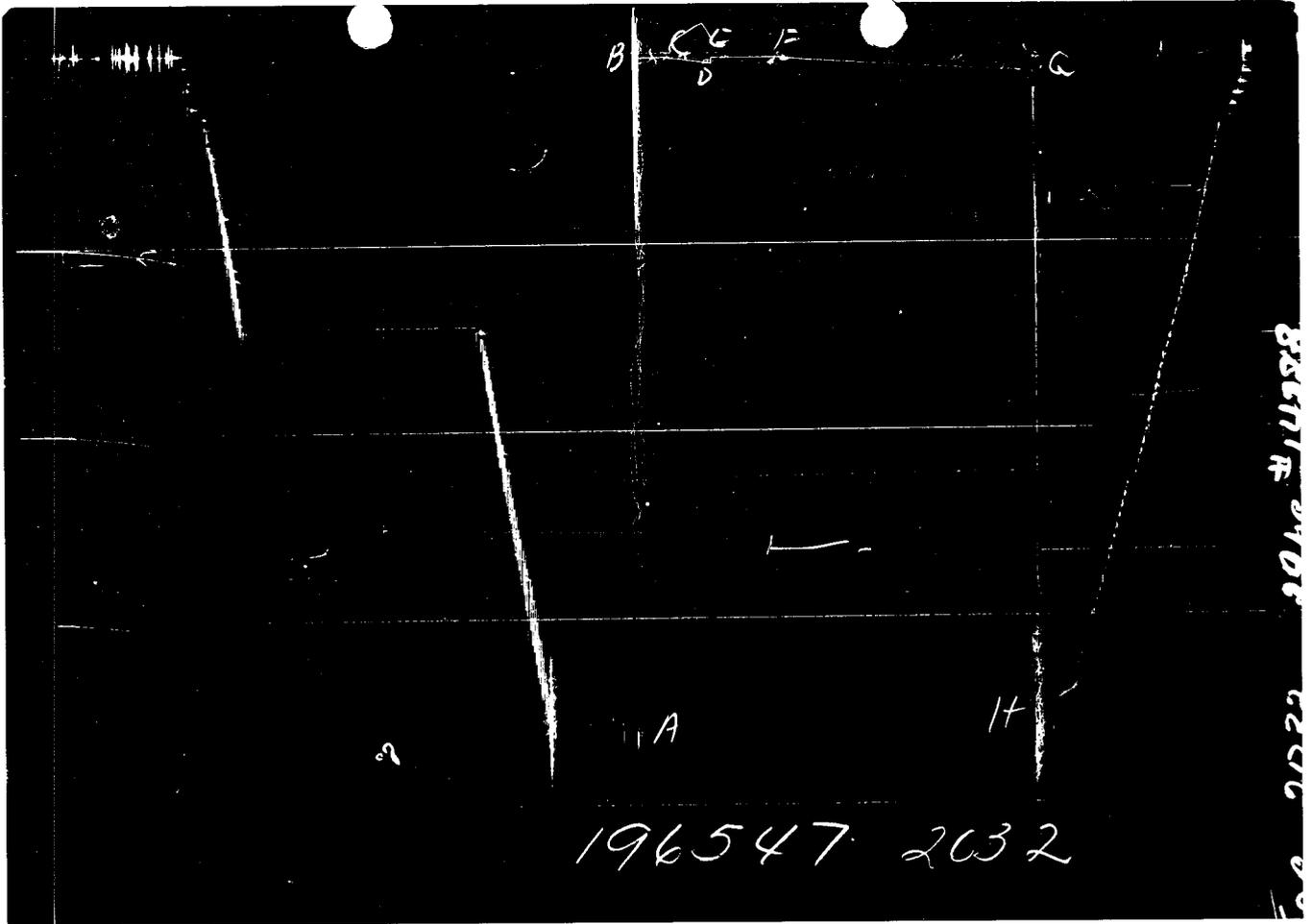


TICKET NO. 19654700
07-FEB-83
FARMINGTON

RECEIVED
FEB 14 1983

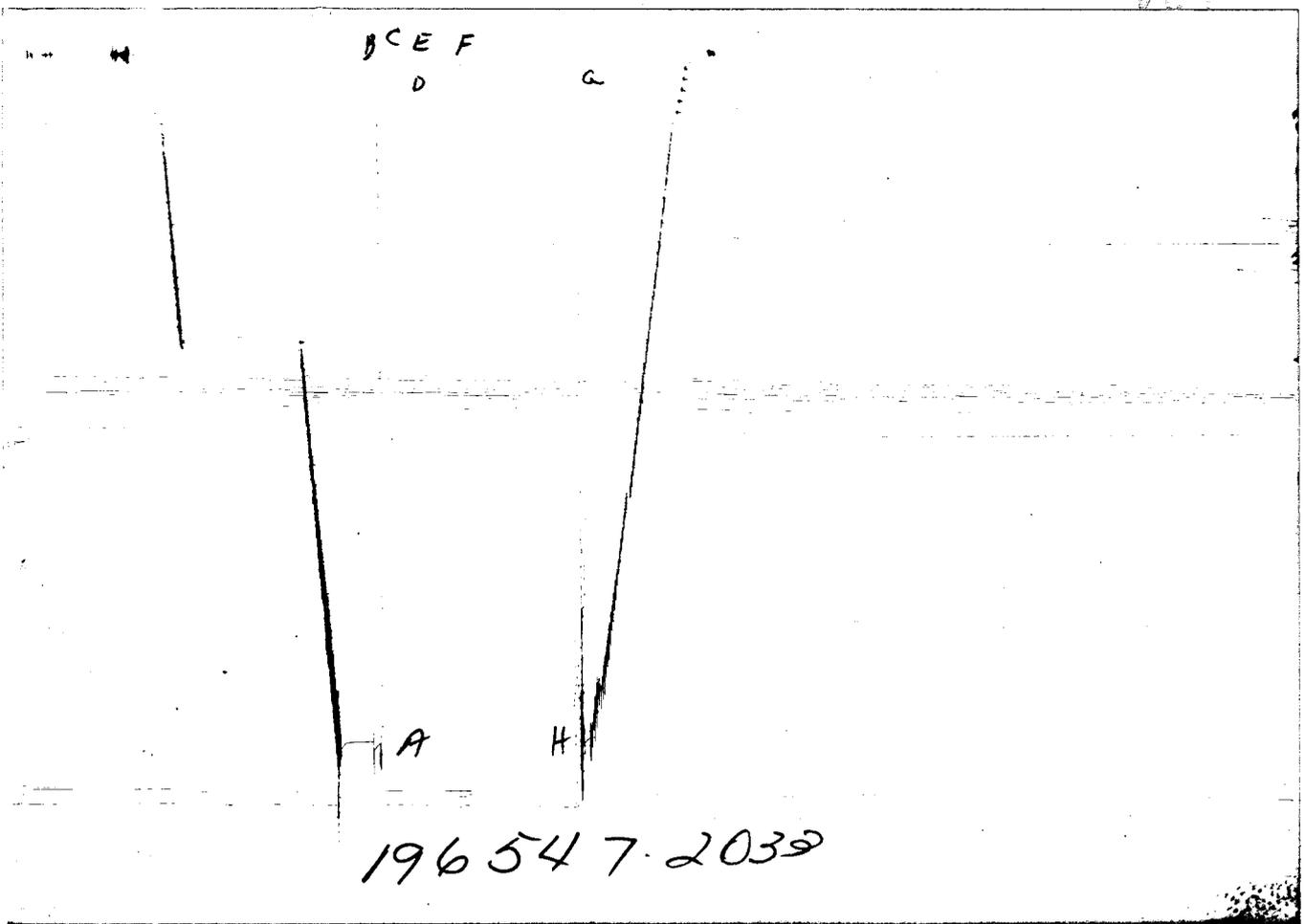
DIVISION OF
OIL GAS & MINING

FORMATION TESTING SERVICE REPORT



GAUGE NO: 2032 DEPTH: 5846.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3547	3593.9			
B	INITIAL FIRST FLOW	26	38.0			
C	FINAL FIRST FLOW	26	24.5	15.0	15.0	F
C	INITIAL FIRST CLOSED-IN	26	24.5			
D	FINAL FIRST CLOSED-IN	40	57.1	30.0	30.0	C
E	INITIAL SECOND FLOW	26	26.4			
F	FINAL SECOND FLOW	26	26.4	30.0	30.0	F
F	INITIAL SECOND CLOSED-IN	26	26.4			
G	FINAL SECOND CLOSED-IN	79	109.2	156.0	156.0	C
H	FINAL HYDROSTATIC	3493	3587.6			



GAUGE NO: 2033 DEPTH: 5894.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3566	3610.7			
B	INITIAL FIRST FLOW	40	46.1			
C	FINAL FIRST FLOW	40	45.7	15.0	15.0	F
C	INITIAL FIRST CLOSED-IN	40	45.7			
D	FINAL FIRST CLOSED-IN	80	81.8	30.0	30.0	C
E	INITIAL SECOND FLOW	40	53.2			
F	FINAL SECOND FLOW	40	46.8	30.0	30.0	F
F	INITIAL SECOND CLOSED-IN	40	46.8			
G	FINAL SECOND CLOSED-IN	120	129.3	156.0	156.0	C
H	FINAL HYDROSTATIC	3579	3594.7			

EQUIPMENT & HOLE DATA

FORMATION TESTED: LOWER DESERT CREEK
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 28.0
 ALL DEPTHS MEASURED FROM: R. KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 5468
 TOTAL DEPTH (ft): 5898.0
 PACKER DEPTH(S) (ft): 5864, 5870
 FINAL SURFACE CHOKE (in): 0.250
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 11.70
 MUD VISCOSITY (sec): 48
 ESTIMATED HOLE TEMP. (°F): 180
 ACTUAL HOLE TEMP. (°F): 124 @ 5894.0 ft

TICKET NUMBER: 19654700
 DATE: 2-2-83 TEST NO: 2
 TYPE DST: OPEN HOLE
 HALLIBURTON CAMP:
FARMINGTON
 TESTER: GENE ROBERTS
 WITNESS: ???
 DRILLING CONTRACTOR:
ARAPAHOE DRILLING COMPANY #11

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT SAMPLE</u>	<u>1.700 @ 62 °F</u>	<u>ppm</u>
<u>SAMPLE</u>	<u>1.390 @ 70 °F</u>	<u>ppm</u>
<u>SAMPLER</u>	<u>1.470 @ 65 °F</u>	<u>ppm</u>
_____	<u>@ °F</u>	<u>ppm</u>
_____	<u>@ °F</u>	<u>ppm</u>
_____	<u>@ °F</u>	<u>ppm</u>

SAMPLER DATA

Pstg AT SURFACE: 10
 cu.ft. OF GAS: 0.00
 cc OF OIL: 0
 cc OF WATER: 0
 cc OF MUD: 2250
 TOTAL LIQUID cc: 2250

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

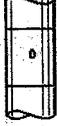
RECOVERED:

30 FEET OF MUD

MEASURED FROM
TESTER VALVE

REMARKS:

REPORTED ELEVATION IS AT GROUND LEVEL

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	5231.6	
3		DRILL COLLARS.....	6.250	2.250	571.0	
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0	5802.6
3		DRILL COLLARS.....	6.250	2.250	29.4	
5		CROSSOVER.....	6.000	3.000	1.0	
13		DUAL CIP SAMPLER.....	5.030	0.870	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	5841.0
80		AP RUNNING CASE.....	5.000	2.250	4.0	5846.0
15		JAR.....	5.030	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	3.0	
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	5864.0
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	5870.0
20		FLUSH JOINT ANCHOR.....	5.750	1.500	24.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.0	5894.0
TOTAL DEPTH						5898.0

EQUIPMENT DATA

CORE ANALYSIS RESULTS

for

WILDCAT

RAYMOND T. DUNCAN

NO. 1-22 BRADFORD CANYON UNIT
WILDCAT
SAN JUAN COUNTY, UTAH

RECEIVED
MAR 24 1983

DIVISION OF
OIL GAS & MINING

RAYMOND T. DUNCAN

#1-22 BRADFORD CANYON UNIT
 WILDCAT
 SAN JUAN COUNTY

FORMATION : DESERT CREEK
 DRLG. FLUID: WBM
 LOCATION : NE, NE SEC. 22-37S-24E
 STATE : UTAH

DATE : 2-1-83
 FILE NO. : RP-3-003252
 ANALYSTS : GG:DS
 ELEVATION: 5481 KB

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
	5842-5849							DOL/SHL - NO ANALYSIS
	5849-5860							LM/SHL - NO ANALYSIS
	5860-5868							ANHY/SHL - NO ANALYSIS
	5868-5874							ANHYDRITE - NO ANALYSIS
1	5874-75	0.05	0.02	1.4	0.0	82.3	2.91	LM GRY VFXLN ANHY SL/PYR
2	5875-76	0.21	*	6.5	0.0	80.2	2.74	LM GRY VFXLN
3	5876-77	0.04	*	5.9	3.5	76.4	2.73	LM GRY VFXLN
4	5877-78	**4.1	*	8.4	11.4	64.9	2.72	LM GRY VFXLN
5	5878-79	0.07	*	11.3	8.8	47.9	2.74	DOL BRN VFXLN CALC
6	5879-80	0.36	0.12	9.6	16.1	32.2	2.77	DOL BRN VFXLN CALC
7	5880-81	0.04	0.02	9.3	0.0	78.0	2.78	DOL BRN VFXLN CALC
8	5881-82	0.06	*	6.8	0.0	83.6	2.77	DOL BRN VFXLN CALC
9	5882-83	0.07	0.03	6.1	0.0	82.8	2.75	DOL BRN VFXLN CALC
10	5883-84	<0.01	*	3.6	0.0	83.8	2.72	LM GRV VFXLN
11	5884-85	0.43	*	5.9	0.0	73.3	2.74	LM GRY VFXLN
12	5885-86	0.93	*	5.0	0.0	76.8	2.72	LM GRY VFXLN
13	5886-87	0.24	0.08	4.7	0.0	66.6	2.73	LM GRY VFXLN
14	5887-88	0.01	0.01	4.0	0.0	68.6	2.72	LM GRY VFXLN
15	5888-89	0.01	<0.01	4.7	0.0	76.3	2.72	LM GRY VFXLN
16	5889-90	0.06	*	4.5	3.5	76.4	2.74	LM GRY VFXLN
17	5890-91	<0.01	*	3.5	6.1	61.3	2.72	LM GRY VFXLN
18	5891-92	0.09	*	4.0	3.9	78.8	2.74	LM GRY VFXLN
19	5892-93	<0.01	*	0.9	4.5	80.2	2.68	LM GRY VFXLN SL/SHL
20	5893-94	<0.01	*	4.1	19.1	65.3	2.72	LM GRY VFXLN SL/SHL
	5894-5898							SHALE - NO ANALYSIS

* Sample unsuitable for full diameter core analysis, conventional plug used.

** Fracture permeability.



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY RAYMOND T. DUNCAN FIELD WILDCAT FILE RP-3-003252
 WELL #1-22 BRADFORD CANYON COUNTY SAN JUAN DATE 2-1-83
 LOCATION NE, NE SEC. 22-37S-24E STATE UTAH ELEV. 5481 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 →

DESERT CREEK FORMATION

COREGRAPH

TOTAL WATER

PERCENT TOTAL WATER

80 60 40 20

OIL SATURATION

PERCENT PORE SPACE

0 20 40 60 80

PERMEABILITY

MILLIDARCY

100 50 10 5 .1 30 20 10 0

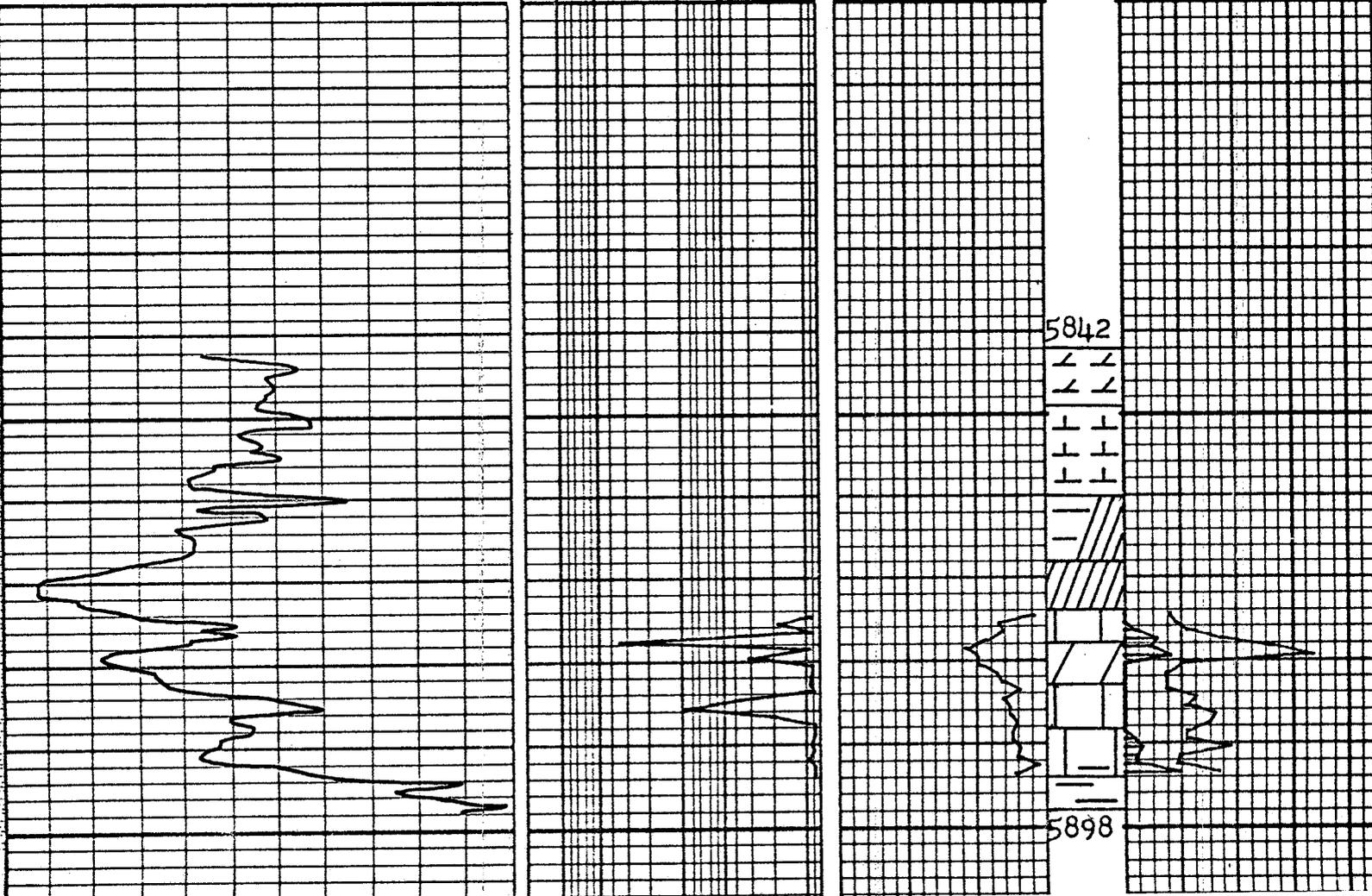
POROSITY

PERCENT

100 50 10 5 .1 30 20 10 0

5842

5898



RAYMOND T DUNCAN STRUC-DIP227-P1

NO 1-22 BRADFORD CANYON

WILDCAT

SAN JUAN

UTAH

02-06-83

INTERVAL 5470.0 TO 5950.0

RUN 1 RLAC 227.

ENGINEER SLATER MAG DEC 14.

 * PASS ONE 4"-8'-2' STRUCTURAL *
 * *
 * 4 0 0 0 2 *

FORMATION DIP

****BOREHOLE****

DEPTH WL ANG AZ BEARING GRADE DA DAZ BEARING

DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
5498.0	8.00	12.5	180	S 0 E	100	0.5	5	N 5 E
5502.0	8.00	10.7	127	S 53 E	100	0.5	7	N 7 E
5508.0	8.00	10.0	217	S 37 W	89	0.5	10	N 10 E
5510.0	8.00	9.7	330	N 30 W	67	0.5	5	N 5 E
5512.0	8.00	7.4	193	S 13 W	100	0.5	11	N 11 E
5514.0	8.00	3.3	176	S 4 E	100	0.5	17	N 17 E
5516.0	8.00	3.5	224	S 44 W	100	0.5	11	N 11 E
5518.0	8.00	2.5	220	S 40 W	100	0.5	17	N 17 E
5520.0	8.00	0.9	156	S 24 E	100	0.5	22	N 22 E
5522.0	8.00	2.6	193	S 13 W	100	0.5	17	N 17 E
5524.0	8.00	3.6	206	S 26 W	100	0.4	20	N 20 E
5526.0	8.00	1.9	234	S 54 W	100	0.5	25	N 25 E
5528.0	8.00	2.3	245	S 65 W	100	0.5	27	N 27 E
5530.0	8.00	0.7	224	S 44 W	100	0.5	30	N 30 E
5532.0	8.00	1.4	247	S 67 W	100	0.5	31	N 31 E
5534.0	8.00	2.0	249	S 69 W	100	0.5	26	N 26 E
5536.0	8.00	2.7	235	S 55 W	100	0.6	34	N 34 E
5538.0	8.00	3.4	217	S 37 W	100	0.6	30	N 30 E
5540.0	8.00	4.3	205	S 25 W	100	0.6	34	N 34 E
5542.0	8.00	4.5	225	S 45 W	100	0.6	39	N 39 E
5544.0	8.00	4.2	217	S 37 W	100	0.6	36	N 36 E
5546.0	8.00	0.9	212	S 32 W	100	0.6	32	N 32 E
5548.0	8.00	1.0	242	S 62 W	100	0.6	36	N 36 E
5550.0	8.00	9.0	208	S 28 W	100	0.7	40	N 40 E
5554.0	8.00	3.4	241	S 61 W	100	0.7	37	N 37 E
5556.0	8.00	4.4	215	S 35 W	100	0.7	35	N 35 E
5558.0	8.00	1.7	198	S 18 W	100	0.8	37	N 37 E
5560.0	8.00	6.0	170	S 10 E	100	0.8	32	N 32 E
5562.0	8.00	5.8	270	N 90 W	100	0.8	34	N 34 E

RAYMOND T DUNCAN STRUC-DIP227-P1
 NO 1-22 BRADFORD CANYON
 WILDCAT
 SAN JUAN UTAH
 02-06-83

DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
5564.0	8.00	10.9	237	S 57 W	70	0.8	39	N 39 E	
5568.0	8.00	3.1	214	S 34 W	94	0.8	35	N 35 E	
5570.0	8.00	3.5	200	S 20 W	100	0.9	35	N 35 E	
5572.0	8.00	4.2	186	S 6 W	100	0.8	36	N 36 E	
5574.0	8.00	1.4	176	S 4 E	100	0.9	36	N 36 E	
5576.0	8.00	1.8	169	S 11 E	100	0.9	38	N 38 E	
5578.0	8.00	4.1	271	N 89 W	100	0.9	38	N 38 E	
5580.0	8.00	7.2	266	S 86 W	100	0.9	37	N 37 E	
5582.0	8.00	5.1	264	S 84 W	100	0.9	37	N 37 E	
5584.0	8.00	5.4	185	S 5 W	100	1.0	33	N 33 E	
5588.0	8.00	11.1	252	S 72 W	100	1.0	35	N 35 E	
5590.0	8.00	8.5	246	S 66 W	100	1.0	32	N 32 E	
5592.0	8.00	2.5	166	S 14 E	100	1.0	29	N 29 E	
5594.0	8.00	0.1	235	S 55 W	100	1.0	25	N 25 E	
5600.0	8.00	6.2	181	S 1 W	73	1.1	23	N 23 E	
5618.0	8.00	8.4	237	S 57 W	87	1.1	21	N 21 E	
5620.0	8.00	9.0	206	S 26 W	69	1.1	18	N 18 E	
5626.0	8.00	11.7	219	S 39 W	99	1.1	17	N 17 E	
5630.0	8.00	1.2	118	S 62 E	100	1.0	16	N 16 E	
5632.0	8.00	2.3	112	S 68 E	100	1.1	15	N 15 E	
5636.0	8.00	2.6	192	S 12 W	100	1.1	15	N 15 E	
5648.0	8.00	11.7	245	S 65 W	100	0.9	6	N 6 E	
5658.0	8.00	2.2	149	S 31 E	100	1.0	3	N 3 E	
5660.0	8.00	1.2	152	S 28 E	100	0.9	6	N 6 E	
5662.0	8.00	2.9	164	S 16 E	100	0.9	4	N 4 E	
5664.0	8.00	3.1	113	S 67 E	77	0.9	2	N 2 E	
5666.0	8.00	2.6	344	N 16 W	100	0.9	2	N 2 E	
5668.0	8.00	14.7	176	S 4 E	76	1.0	359	N 1 W	
5670.0	8.00	14.8	166	S 14 E	100	0.9	3	N 3 E	
5672.0	8.00	10.6	145	S 35 E	100	0.9	3	N 3 E	
5674.0	8.00	9.4	150	S 30 E	100	0.9	0	N 0 E	
5678.0	8.00	2.1	175	S 5 E	100	0.9	3	N 3 E	
5680.0	8.00	8.6	159	S 21 E	100	0.9	1	N 1 E	
5682.0	8.00	8.4	160	S 20 E	100	0.8	5	N 5 E	
5684.0	8.00	5.1	178	S 2 E	100	0.9	358	N 2 W	
5686.0	8.00	2.0	289	N 71 W	100	0.8	359	N 1 W	
5688.0	8.00	6.2	172	S 8 E	100	0.8	3	N 3 E	
5690.0	8.00	6.4	173	S 7 E	100	0.8	359	N 1 W	
5696.0	8.00	8.8	133	S 47 E	78	0.9	3	N 3 E	
5702.0	8.00	4.1	282	N 78 W	99	0.8	9	N 9 E	

RAYMOND T DUNCAN STRUC-DIP227-P1
 NO 1-22 BRADFORD CANYON
 WILDCAT
 SAN JUAN UTAH
 02-06-83

DEPTH	WL	**FORMATION DIP**				****BOREHOLE****			
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
5704.0	8.00	5.4	259	S 79 W	100	0.9	7	N 7 E	
5718.0	8.00	5.6	223	S 43 W	100	1.0	14	N 14 E	
5720.0	8.00	5.2	217	S 37 W	100	1.0	18	N 18 E	
5722.0	8.00	4.3	218	S 38 W	100	1.1	18	N 18 E	
5726.0	8.00	4.0	199	S 19 W	100	1.1	20	N 20 E	
5728.0	8.00	5.6	216	S 36 W	100	1.1	22	N 22 E	
5730.0	8.00	5.8	219	S 39 W	100	1.1	18	N 18 E	
5732.0	8.00	6.2	209	S 29 W	100	1.2	21	N 21 E	
5734.0	8.00	7.3	204	S 24 W	100	1.2	20	N 20 E	
5736.0	8.00	5.3	211	S 31 W	100	1.2	22	N 22 E	
5746.0	8.00	7.3	86	N 86 E	100	1.2	23	N 23 E	
5750.0	8.00	4.0	120	S 60 E	100	1.2	23	N 23 E	
5752.0	8.00	4.6	88	N 88 E	100	1.3	22	N 22 E	
5758.0	8.00	5.6	187	S 7 W	94	1.3	23	N 23 E	
5762.0	8.00	10.0	159	S 21 E	90	1.3	24	N 24 E	
5766.0	8.00	9.9	198	S 18 W	100	1.3	25	N 25 E	
5768.0	8.00	5.2	136	S 44 E	100	1.3	26	N 26 E	
5770.0	8.00	4.8	115	S 65 E	100	1.3	23	N 23 E	
5772.0	8.00	2.8	141	S 39 E	100	1.3	23	N 23 E	
5774.0	8.00	0.2	278	N 82 W	100	1.3	25	N 25 E	
5776.0	8.00	1.0	106	S 74 E	70	1.3	25	N 25 E	
5782.0	8.00	4.6	220	S 40 W	93	1.3	26	N 26 E	
5784.0	8.00	1.0	294	N 66 W	88	1.3	24	N 24 E	
5786.0	8.00	6.8	240	S 60 W	100	1.4	24	N 24 E	
5788.0	8.00	8.1	248	S 68 W	80	1.3	25	N 25 E	
5790.0	8.00	5.7	239	S 59 W	100	1.4	24	N 24 E	
5802.0	8.00	4.2	254	S 74 W	100	1.4	22	N 22 E	
5804.0	8.00	9.2	29	N 29 E	100	1.4	21	N 21 E	
5806.0	8.00	5.1	7	N 7 E	95	1.4	23	N 23 E	
5810.0	8.00	1.4	326	N 34 W	100	1.4	20	N 20 E	
5814.0	8.00	2.8	230	S 50 W	100	1.4	17	N 17 E	
5816.0	8.00	5.3	254	S 74 W	100	1.4	16	N 16 E	
5818.0	8.00	7.0	242	S 62 W	91	1.4	19	N 19 E	
5820.0	8.00	8.5	227	S 47 W	88	1.4	18	N 18 E	
5822.0	8.00	6.2	230	S 50 W	100	1.4	18	N 18 E	
5824.0	8.00	5.3	228	S 48 W	100	1.4	14	N 14 E	
5826.0	8.00	6.0	291	N 69 W	76	1.4	15	N 15 E	
5828.0	8.00	6.6	270	N 90 W	67	1.4	16	N 16 E	
5838.0	8.00	4.8	175	S 5 E	98	1.3	14	N 14 E	
5840.0	8.00	1.2	268	S 88 W	100	1.3	14	N 14 E	

RAYMOND T DUNCAN STRUC-DIP227-P1
 NO 1-22 BRADFORD CANYON
 WILDCAT
 SAN JUAN UTAH
 02-06-83

DEPTH	WL	**FORMATION DIP**				***BOREHOLE***			
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
5854.0	8.00	1.5	142	S 38 E	100	1.1	17	N 17 E	
5856.0	8.00	2.2	123	S 57 E	100	1.2	17	N 17 E	
5860.0	8.00	0.7	349	N 11 W	100	1.0	19	N 19 E	
5864.0	8.00	2.9	355	N 5 W	100	1.0	21	N 21 E	
5866.0	8.00	5.7	20	N 20 E	100	1.1	21	N 21 E	
5868.0	8.00	9.9	229	S 49 W	87	1.0	21	N 21 E	
5870.0	8.00	7.8	350	N 10 W	100	1.0	24	N 24 E	
5872.0	8.00	3.1	21	N 21 E	100	0.9	23	N 23 E	
5878.0	8.00	3.8	268	S 88 W	100	0.9	23	N 23 E	
5880.0	8.00	3.5	277	N 83 W	100	0.9	25	N 25 E	
5882.0	8.00	1.1	80	N 80 E	100	0.8	27	N 27 E	
5884.0	8.00	1.5	146	S 34 E	100	0.9	25	N 25 E	
5886.0	8.00	2.1	62	N 62 E	100	0.8	27	N 27 E	
5888.0	8.00	1.3	41	N 41 E	100	0.8	30	N 30 E	
5892.0	8.00	0.5	223	S 43 W	100	0.7	29	N 29 E	
5894.0	8.00	6.8	88	N 88 E	92	0.8	27	N 27 E	
5896.0	8.00	2.5	240	S 60 W	64	0.8	28	N 28 E	
5898.0	8.00	5.9	323	N 37 W	93	0.8	30	N 30 E	
5900.0	8.00	11.8	271	N 89 W	85	0.8	28	N 28 E	
5908.0	8.00	2.9	98	S 82 E	100	0.7	32	N 32 E	
5910.0	8.00	3.6	70	N 70 E	91	0.7	27	N 27 E	
5912.0	8.00	3.0	62	N 62 E	100	0.7	30	N 30 E	
5914.0	8.00	2.4	66	N 66 E	100	0.8	32	N 32 E	
5916.0	8.00	1.5	231	S 51 W	100	0.7	31	N 31 E	
5918.0	8.00	2.4	88	N 88 E	100	0.7	33	N 33 E	
5920.0	8.00	11.0	7	N 7 E	70	0.7	34	N 34 E	
5922.0	8.00	1.7	275	N 85 W	100	0.7	34	N 34 E	
5924.0	8.00	5.6	322	N 38 W	100	0.7	36	N 36 E	
5926.0	8.00	1.6	335	N 25 W	100	0.7	34	N 34 E	
5928.0	8.00	1.3	222	S 42 W	100	0.7	34	N 34 E	
5930.0	8.00	8.9	194	S 14 W	92	0.7	36	N 36 E	
5932.0	8.00	9.3	196	S 16 W	74	0.7	34	N 34 E	
5934.0	8.00	1.6	236	S 56 W	100	0.8	35	N 35 E	
5936.0	8.00	3.1	248	S 68 W	100	0.7	38	N 38 E	
5938.0	8.00	3.6	321	N 39 W	17	0.7	34	N 34 E	

RAYMOND T DUNCAN STRUC-DIP227-P1
 NO 1-22 BRADFORD CANYON
 WILDCAT
 SAN JUAN UTAH
 02-06-83

INTERVAL 5470.0 TO 5950.0
 RUN 1 RLAC 227.
 ENGINEER SLATER MAG DEC 14.

 * PASS ONE 4"-8'-2' STRUCTURAL *
 * *
 * 4 0 0 0 2 *

FORMATION DIP						***BOREHOLE***			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
5498.0	8.00	12.5	180	S 0 E	100	0.5	5	N 5 E	
5502.0	8.00	10.7	127	S 53 E	100	0.5	7	N 7 E	
5508.0	8.00	10.0	217	S 37 W	89	0.5	10	N 10 E	
5510.0	8.00	9.7	330	N 30 W	67	0.5	5	N 5 E	
5512.0	8.00	7.4	193	S 13 W	100	0.5	11	N 11 E	
5514.0	8.00	3.3	176	S 4 E	100	0.5	17	N 17 E	
5516.0	8.00	3.5	224	S 44 W	100	0.5	11	N 11 E	
5518.0	8.00	2.5	220	S 40 W	100	0.5	17	N 17 E	
5520.0	8.00	0.9	156	S 24 E	100	0.5	22	N 22 E	
5522.0	8.00	2.6	193	S 13 W	100	0.5	17	N 17 E	
5524.0	8.00	3.6	206	S 26 W	100	0.4	20	N 20 E	
5526.0	8.00	1.9	234	S 54 W	100	0.5	25	N 25 E	
5528.0	8.00	2.3	245	S 65 W	100	0.5	27	N 27 E	
5530.0	8.00	0.7	224	S 44 W	100	0.5	30	N 30 E	
5532.0	8.00	1.4	247	S 67 W	100	0.5	31	N 31 E	
5534.0	8.00	2.0	249	S 69 W	100	0.5	26	N 26 E	
5536.0	8.00	2.7	235	S 55 W	100	0.6	34	N 34 E	
5538.0	8.00	3.4	217	S 37 W	100	0.6	30	N 30 E	
5540.0	8.00	4.3	205	S 25 W	100	0.6	34	N 34 E	
5542.0	8.00	4.5	225	S 45 W	100	0.6	39	N 39 E	
5544.0	8.00	4.2	217	S 37 W	100	0.6	36	N 36 E	
5546.0	8.00	0.9	212	S 32 W	100	0.6	32	N 32 E	
5548.0	8.00	1.0	242	S 62 W	100	0.6	36	N 36 E	
5550.0	8.00	9.0	208	S 28 W	100	0.7	40	N 40 E	
5554.0	8.00	3.4	241	S 61 W	100	0.7	37	N 37 E	
5556.0	8.00	4.4	215	S 35 W	100	0.7	35	N 35 E	
5558.0	8.00	1.7	198	S 18 W	100	0.8	37	N 37 E	
5560.0	8.00	6.0	170	S 10 E	100	0.8	32	N 32 E	
5562.0	8.00	5.8	270	N 90 W	100	0.8	34	N 34 E	

RAYMOND T DUNCAN STRUC-DIP227-P1

NO 1-22 BRADFORD CANYON

WILDCAT

SAN JUAN

UTAH

02-06-83

DEPTH	WL	**FORMATION DIP**				GRADE	***BOREHOLE***		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
5564.0	8.00	10.9	237	S 57 W	70	0.8	39	N 39 E	
5568.0	8.00	3.1	214	S 34 W	94	0.8	35	N 35 E	
5570.0	8.00	3.5	200	S 20 W	100	0.9	35	N 35 E	
5572.0	8.00	4.2	186	S 6 W	100	0.8	36	N 36 E	
5574.0	8.00	1.4	176	S 4 E	100	0.9	36	N 36 E	
5576.0	8.00	1.8	169	S 11 E	100	0.9	38	N 38 E	
5578.0	8.00	4.1	271	N 89 W	100	0.9	38	N 38 E	
5580.0	8.00	7.2	266	S 86 W	100	0.9	37	N 37 E	
5582.0	8.00	5.1	264	S 84 W	100	0.9	37	N 37 E	
5584.0	8.00	5.4	185	S 5 W	100	1.0	33	N 33 E	
5588.0	8.00	11.1	252	S 72 W	100	1.0	35	N 35 E	
5590.0	8.00	8.5	246	S 66 W	100	1.0	32	N 32 E	
5592.0	8.00	2.5	166	S 14 E	100	1.0	29	N 29 E	
5594.0	8.00	0.1	235	S 55 W	100	1.0	25	N 25 E	
5600.0	8.00	6.2	181	S 1 W	73	1.1	23	N 23 E	
5618.0	8.00	8.4	237	S 57 W	87	1.1	21	N 21 E	
5620.0	8.00	9.0	206	S 26 W	69	1.1	18	N 18 E	
5626.0	8.00	11.7	219	S 39 W	99	1.1	17	N 17 E	
5630.0	8.00	1.2	118	S 62 E	100	1.0	16	N 16 E	
5632.0	8.00	2.3	112	S 68 E	100	1.1	15	N 15 E	
5636.0	8.00	2.6	192	S 12 W	100	1.1	15	N 15 E	
5648.0	8.00	11.7	245	S 65 W	100	0.9	6	N 6 E	
5658.0	8.00	2.2	149	S 31 E	100	1.0	3	N 3 E	
5660.0	8.00	1.2	152	S 28 E	100	0.9	6	N 6 E	
5662.0	8.00	2.9	164	S 16 E	100	0.9	4	N 4 E	
5664.0	8.00	3.1	113	S 67 E	77	0.9	2	N 2 E	
5666.0	8.00	2.6	344	N 16 W	100	0.9	2	N 2 E	
5668.0	8.00	14.7	176	S 4 E	76	1.0	359	N 1 W	
5670.0	8.00	14.8	166	S 14 E	100	0.9	3	N 3 E	
5672.0	8.00	10.6	145	S 35 E	100	0.9	3	N 3 E	
5674.0	8.00	9.4	150	S 30 E	100	0.9	0	N 0 E	
5678.0	8.00	2.1	175	S 5 E	100	0.9	3	N 3 E	
5680.0	8.00	8.6	159	S 21 E	100	0.9	1	N 1 E	
5682.0	8.00	8.4	160	S 20 E	100	0.8	5	N 5 E	
5684.0	8.00	5.1	178	S 2 E	100	0.9	358	N 2 W	
5686.0	8.00	2.0	289	N 71 W	100	0.8	359	N 1 W	
5688.0	8.00	6.2	172	S 8 E	100	0.8	3	N 3 E	
5690.0	8.00	6.4	173	S 7 E	100	0.8	359	N 1 W	
5696.0	8.00	8.8	133	S 47 E	78	0.9	3	N 3 E	
5702.0	8.00	4.1	282	N 78 W	99	0.8	9	N 9 E	

RAYMOND T DUNCAN STRUC-DIP227-P1
 NO 1-22 BRADFORD CANYON
 WILDCAT
 SAN JUAN UTAH
 02-06-83

DEPTH	WL	**FORMATION DIP**				GRADE	***BOREHOLE****			
		ANG	AZ	BEARING	DA		DAZ	BEARING		
5704.0	8.00	5.4	259	S 79 W	100	0.9	7	N 7 E		
5718.0	8.00	5.6	223	S 43 W	100	1.0	14	N 14 E		
5720.0	8.00	5.2	217	S 37 W	100	1.0	18	N 18 E		
5722.0	8.00	4.3	218	S 38 W	100	1.1	18	N 18 E		
5726.0	8.00	4.0	199	S 19 W	100	1.1	20	N 20 E		
5728.0	8.00	5.6	216	S 36 W	100	1.1	22	N 22 E		
5730.0	8.00	5.8	219	S 39 W	100	1.1	18	N 18 E		
5732.0	8.00	6.2	209	S 29 W	100	1.2	21	N 21 E		
5734.0	8.00	7.3	204	S 24 W	100	1.2	20	N 20 E		
5736.0	8.00	5.3	211	S 31 W	100	1.2	22	N 22 E		
5746.0	8.00	7.3	86	N 86 E	100	1.2	23	N 23 E		
5750.0	8.00	4.0	120	S 60 E	100	1.2	23	N 23 E		
5752.0	8.00	4.6	88	N 88 E	100	1.3	22	N 22 E		
5758.0	8.00	5.6	187	S 7 W	94	1.3	23	N 23 E		
5762.0	8.00	10.0	159	S 21 E	90	1.3	24	N 24 E		
5766.0	8.00	9.9	198	S 18 W	100	1.3	25	N 25 E		
5768.0	8.00	5.2	136	S 44 E	100	1.3	26	N 26 E		
5770.0	8.00	4.8	115	S 65 E	100	1.3	23	N 23 E		
5772.0	8.00	2.8	141	S 39 E	100	1.3	23	N 23 E		
5774.0	8.00	0.2	278	N 82 W	100	1.3	25	N 25 E		
5776.0	8.00	1.0	106	S 74 E	70	1.3	25	N 25 E		
5782.0	8.00	4.6	220	S 40 W	93	1.3	26	N 26 E		
5784.0	8.00	1.0	294	N 66 W	88	1.3	24	N 24 E		
5786.0	8.00	6.8	240	S 60 W	100	1.4	24	N 24 E		
5788.0	8.00	8.1	248	S 68 W	80	1.3	25	N 25 E		
5790.0	8.00	5.7	239	S 59 W	100	1.4	24	N 24 E		
5802.0	8.00	4.2	254	S 74 W	100	1.4	22	N 22 E		
5804.0	8.00	9.2	29	N 29 E	100	1.4	21	N 21 E		
5806.0	8.00	5.1	7	N 7 E	95	1.4	23	N 23 E		
5810.0	8.00	1.4	326	N 34 W	100	1.4	20	N 20 E		
5814.0	8.00	2.8	230	S 50 W	100	1.4	17	N 17 E		
5816.0	8.00	5.3	254	S 74 W	100	1.4	16	N 16 E		
5818.0	8.00	7.0	242	S 62 W	91	1.4	19	N 19 E		
5820.0	8.00	8.5	227	S 47 W	88	1.4	18	N 18 E		
5822.0	8.00	6.2	230	S 50 W	100	1.4	18	N 18 E		
5824.0	8.00	5.3	228	S 48 W	100	1.4	14	N 14 E		
5826.0	8.00	6.0	291	N 69 W	76	1.4	15	N 15 E		
5828.0	8.00	6.6	270	N 90 W	67	1.4	16	N 16 E		
5838.0	8.00	4.8	175	S 5 E	98	1.3	14	N 14 E		
5840.0	8.00	1.2	268	S 88 W	100	1.3	14	N 14 E		

RAYMOND T DUNCAN STRUC-DIP227-P1
 NO 1-22 BRADFORD CANYON
 WILDCAT
 SAN JUAN UTAH
 02-06-83

DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
5854.0	8.00	1.5	142	S 38 E	100	1.1	17	N 17 E
5856.0	8.00	2.2	123	S 57 E	100	1.2	17	N 17 E
5860.0	8.00	0.7	349	N 11 W	100	1.0	19	N 19 E
5864.0	8.00	2.9	355	N 5 W	100	1.0	21	N 21 E
5866.0	8.00	5.7	20	N 20 E	100	1.1	21	N 21 E
5868.0	8.00	9.9	229	S 49 W	87	1.0	21	N 21 E
5870.0	8.00	7.8	350	N 10 W	100	1.0	24	N 24 E
5872.0	8.00	3.1	21	N 21 E	100	0.9	23	N 23 E
5878.0	8.00	3.8	268	S 88 W	100	0.9	23	N 23 E
5880.0	8.00	3.5	277	N 83 W	100	0.9	25	N 25 E
5882.0	8.00	1.1	80	N 80 E	100	0.8	27	N 27 E
5884.0	8.00	1.5	146	S 34 E	100	0.9	25	N 25 E
5886.0	8.00	2.1	62	N 62 E	100	0.8	27	N 27 E
5888.0	8.00	1.3	41	N 41 E	100	0.8	30	N 30 E
5892.0	8.00	0.5	223	S 43 W	100	0.7	29	N 29 E
5894.0	8.00	6.8	88	N 88 E	92	0.8	27	N 27 E
5896.0	8.00	2.5	240	S 60 W	64	0.8	28	N 28 E
5898.0	8.00	5.9	323	N 37 W	93	0.8	30	N 30 E
5900.0	8.00	11.8	271	N 89 W	85	0.8	28	N 28 E
5908.0	8.00	2.9	98	S 82 E	100	0.7	32	N 32 E
5910.0	8.00	3.6	70	N 70 E	91	0.7	27	N 27 E
5912.0	8.00	3.0	62	N 62 E	100	0.7	30	N 30 E
5914.0	8.00	2.4	66	N 66 E	100	0.8	32	N 32 E
5916.0	8.00	1.5	231	S 51 W	100	0.7	31	N 31 E
5918.0	8.00	2.4	88	N 88 E	100	0.7	33	N 33 E
5920.0	8.00	11.0	7	N 7 E	70	0.7	34	N 34 E
5922.0	8.00	1.7	275	N 85 W	100	0.7	34	N 34 E
5924.0	8.00	5.6	322	N 38 W	100	0.7	36	N 36 E
5926.0	8.00	1.6	335	N 25 W	100	0.7	34	N 34 E
5928.0	8.00	1.3	222	S 42 W	100	0.7	34	N 34 E
5930.0	8.00	8.9	194	S 14 W	92	0.7	36	N 36 E
5932.0	8.00	9.3	196	S 16 W	74	0.7	34	N 34 E
5934.0	8.00	1.6	236	S 56 W	100	0.8	35	N 35 E
5936.0	8.00	3.1	248	S 68 W	100	0.7	38	N 38 E
5938.0	8.00	3.6	321	N 39 W	17	0.7	34	N 34 E

RAYMOND T. DUNCAN
NO. 1-22 BRADFORD CANYON UNIT
NE NE SECTION 22, T37S, R24E
SAN JUAN CO., UTAH

WELLSITE GEOLOGIST: Jim Holst
Intermountain Wellsite Geologists
P.O. Box 4007
Casper, Wyoming 82604
(307) 266-2009

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WELL DATA

OPERATOR:

Raymond T. Duncan
1777 South Harrison
Penthouse No. 1
Denver, Colorado 80210
(303) 759-3303

OTHER INTERESTED PARTICIPANTS:

Tricentrol U.S.A.
5675 S. Tamarac Pkwy.
Gateway Place No. 200
Englewood, Colorado 80111
(303) 694-0988

MCOR
10880 Wilshire Blvd.
Los Angeles, California 90024
(213) 879-5252

Sante Fe Energy
2600 Security Life Bldg.
Denver, Colorado 80202
(303) 825-5101

Diamond Shamrock
410 17th Street, No. 600
Denver, Colorado 80202
(303) 575-0255

Marathon Oil Company
P.O. Box 2659
Casper, Wyoming 82602
(307) 577-1555

Dorchester Exploration
1675 Larimer Street, No. 600
Denver, Colorado 80202
(303) 571-1817

Quantum Resources, Inc.
C/O Triplet Resources LTD
401 Fina Bldg.
736 8th Ave. S.W.
Calgary, Alberta T2P 1H4
(403) 261-0651

Anderson Meyers Drilling Company
1550 Arapahoe Street
Suite No. 1150
Denver, Colorado 80202
(303) 623-5600

WELL NAME: No. 1-22 Bradford Canyon Unit

LOCATION: NE NE Section 22, T37S, R24E
590' FNL, 1000' FEL
San Juan County, Utah

FIELD: Undesignated

ELEVATIONS: Ground Level - 5468 Feet
Kelly Bushing - 5481 Feet

GEOLOGIST: Jim Holst
Intermountain Wellsite Geologists
4000' - T.D.

MUDLOGGING: Analex
910 16th Street
Denver, Colorado 80202
(303) 893-8138
Unit No. 158-G
One Man Logging Unit
Logger - Scott George

SPUD DATE: January 16, 1983 (4:00 a.m.)

CEASED DRILLING: February 2, 1983 (11:00 p.m.)

CONTRACTOR: Arapahoe Drilling
Rig No. 11
P.O. Box 2078
Farmington, New Mexico 87401
(505) 325-5018

TOOLPUSHER: Albert Frank

DRILLERS: P. Gallegos
D.J. Lenocker
G. Davis
J. Lee

COMPANY MAN: J.A. "Arkie" Browning
P.O. Box 1058
Cortez, Colorado 81321
(303) 565-8806
Mobile (303) 565-5000

RIG EQUIPMENT: Type Drawworks - National T-32
Derrick - 126 Feet, 8 line block
Pump No. 1 - Ideal C-250, 15" Stroke
5½" liner
Pump No. 2 - Ideal C-150, 12" Stroke
5½" liner
Drill Pipe - 4½", 4IF (X-Hole)
Drill Collars - 6 1/16", 4½IF (X-Hole)

DRILLING FLUIDS: Drilling Mud, Inc.
P.O. Box 1179
Cortez, Colorado 81321
(303) 565-6244
Engineer - Don Bryant
Type Mud - Fresh Chemical Gel

SURFACE CASING: Driller - 116 Feet, 13 3/8 Inch
2500 Feet, 8 5/8 Inch
Logger - 2497 Feet, 8 5/8"

TOTAL DEPTH: Driller - 5949 Ft. - S.L.M. 5945 Ft.
Logger - 5946 Ft.

BOTTOM HOLE TEMPERATURE: DST No. 2 - 124°F
E-Logger - 116°F

SAMPLES: 30' Samples (surface to 2500');
10' Samples (2500' to T.D.)
Wet cut samples sent to Amstrat in
Denver, Colorado; 10' dry cut samples
(2500'-T.D.) sent to Duncan Oil in
Denver; show samples also sent to
Duncan in Denver, Colorado.

CORES: Core No. 1 Desert Creek, 5842 ft. to
5872 ft.; cut 30 ft.; recovered 30 ft.;
ACC (American Coldset Corp.) Core Hand-
James Abel; core analysis - Core Lab,
Farmington, N.M. 87401 (505) 325-3132

Core No. 2 Lower Desert Creek, 5872 ft.
to 5898 ft.; cut 26 ft.; recovered 21 ft.;
ACC (American Coldset Corp.) Core Hand-
James Abel; core analysis - Core Lab,
Farmington, N.M. 87401 (505) 325-3132

DRILL STEM TEST NO. 1: Upper Ismay, 5594 feet to 5624 feet,
30 foot test. Halliburton Services -
Tester - Howard Bell.

DRILL STEM TEST NO. 2: Lower Desert Creek, 5870 feet to 5898
feet, 30 foot test. Halliburton Services -
Tester - Gene Roberts

ELECTRICAL LOGS: Dresser Atlas
711 Arrowwest Unit C
Grand Junction, Colorado 81502
(303) 241-9310
Field Engineer - Pat Kelly

ELECTRICAL LOGS RUN:

DIL with SP and GR (Base of surface casing to total depth)
FDC/CNL with GR and CAL (Base of surface casing to total depth)
BHC Sonic with GR and CAL (Base of surface casing to total depth)
DIPMETER (5500 to total depth)
PRO-LOG (4500 to total depth)

WELL CHRONOLOGY

- January 16, 1983 Drill rat hole and mouse hole. Spud at 4:00 a.m. Drilling a 12¼ inch hole. Drilled from 0 feet to 115 feet. Ream to a 17¼ inch hole. Run 3 joints, 13 3/8 inch, 48 lb. J55 conductor casing. A total of 119.58 feet and set at 116 feet K.B. Cement with 200 sacks B.J. Class "B" neat with 2% CaCl₂. Circulated with good returns. Plug down at 10:30 p.m. Wait on cement.
- January 17, 1983 Wait on cement. Trip in hole with Bit No. 3A (Reed) FP-52. Drilling a 12¼ inch hole. Tagged cement at 95 feet. Drilled from 116 feet to 495 feet. Drilling ahead.
- January 18, 1983 Drilled from 495 feet to 1305 feet. Trip for new Bit No. 4A (STC) F-2. Drilled from 1305 feet to 1483 feet. Drilling ahead.
- January 19, 1983 Drilled from 1483 feet to 2084 feet. Drilling ahead.
- January 20, 1983 Drilled from 2084 feet to 2258 feet. Trip for new Bit No. 5A (HTC) J-22. Drilled from 2258 feet to 2500 feet. Circulate.
- January 21, 1983 Trip out of hole. Run 58 joints 8 5/8 inch, 24 lb., J55 surface casing. A total of 2505.25 feet and set at 2500 feet K.B. Cement with B.J. 1350 sacks BJ lite, ¼# celloflake followed by 200 sacks Class "B" neat with 2% A-7. Followed down the back side with 60 sacks Class "B" 3% A-7. Plug down at 9:00 a.m. Wait on cement. Test blow out preventers (B.O.P.) to 3000 lbs. Trip in hole with new Bit No. 6 (HTC) J-22. Drilled cement and float. Drilled from 2500 feet to 2590 feet. Drilling ahead.
- January 22, 1983 Drilled from 2590 feet to 3260 feet. Drilling ahead.
- January 23, 1983 Drilled from 3260 feet to 3805 feet. Drilling ahead.
- January 24, 1983 Drilled from 3805 feet to 4342 feet. Drilling ahead.
- January 25, 1983 Drilled from 4342 feet to 4690 feet. Trip for Bit No. 7 (HTC) J-33H.
- January 26, 1983 Finish trip for bit. Drilled from 4690 feet to 4986 feet. Drilling ahead.
- January 27, 1983 Drilled from 4986 feet to 5296 feet. Drilling ahead.
- January 28, 1983 Drilled from 5296 feet to 5535 feet. Drilling ahead.

January 29, 1983 Drilled from 5535 feet to 5624 feet. Circulate, 35 stand trip out and circulate in surface casing, trip in hole, circulate, trip out for Drill Stem Test No. 1.

January 30, 1983 Finish tripping out for DST No. 1. Pick up test tools, trip in hole to 2500 ft. Wait on daylight. Finish tripping into hole. Set packers, run Drill Stem Test No. 1, Upper Ismay, testing from 5594 ft. to 5624 ft. Trip out of hole with test tool. Lay down test tool. Trip in hole with Bit No. 8 (HTC) RR J-33H. Wash to bottom. Drilled from 5624 feet to 5734 feet. Drilling ahead.

January 31, 1983 Drilled from 5734 feet to 5826 feet. Circulate samples and raise mud weight to 11.7 lb/gal. Drilled from 5826 feet to 5842 feet. Circulate, trip out of hole for Core No. 1, Lower Desert Creek, 5842'-5872'. Pick up core barrel. Trip in hole with core barrel. Cored from 5842 feet to 5856 feet. Coring ahead.

February 1, 1983 Cored from 5856 feet to 5872 feet. Trip out for core. Cut 30 feet; recovered 30 feet. Lay down core. Redress core barrel. Trip in hole with core barrel. Cored from 5872 feet to 5898 feet. Trip out of hole for core. Cut 26 feet; recovered 26 feet. Lay down core. Trip in hole. Circulate to run Drill Stem Test No. 2, 5870 feet to 5898 feet, 28 foot test, Lower Desert Creek. Trip out of hole for Drill Stem Test No. 2.

February 2, 1983 Finish tripping out of hole. Pick up test tool. Trip into hole, hang in casing, wait on daylight. Finish tripping into hole. Set packers, run Drill Stem Test No. 2. Trip out of hole with RR Bit J-33H. Drilled from 5898 feet to 5950 feet. Circulate to run electrical logs.

February 3, 1983 Circulate. Trip out of hole to run electric logs. S.L.M. - 5945 feet. Rig up logging tools. Run E-logs. E-log depth - 5946 feet.

February 4, 1983 Wait on orders. Decided to run production casing. Geologist released.

DAILY DRILLING SUMMARY

<u>DATE</u>	<u>DEPTH</u>	<u>DSS</u>	<u>WT</u>	<u>VIS</u>	<u>pH</u>	<u>WATER LOSS</u>	<u>FC</u>	<u>PPM CHLORIDES</u>	<u>PPM CALCIUM</u>	<u>PERCENT SOLIDS</u>	<u>ROTARY RPM</u>	<u>WOB 1000 LBS.</u>	<u>PP</u>			
1-15	0		Rig Up													
1-16	74		9.4	37		Spud Mud										
1-17	116	1	Run Conductor Pipe													
1-18	1095	2	8.6	29	8.5	N/C	1/32	500	TR	1.5	70	40	500/600			
1-19	1756	3	8.9	28	7.0	N/C	1/32	400	40	3.75	70/65	40	600/700			
1-20	2500	4	Run Surface Casing													
1-21	2500	5	Wait on Cement													
1-22	2785	6	8.9	29	11.0	N/C	1/32	700	320	3	60	35	1000			
1-23	3444	7	9.2	29	10.0	N/C	1/32	600	20	6	60	35/38	1000			
1-24	3958	8	8.9	29	7.0	N/C	1/32	600	TR	4	60	38	1000			
1-25	4498	9	9.2	31	10.5	22.0	1/32	800	TR	6	60	40	1000			
1-26	4770	10	9.7	37	12.0	12.8	1/32	800	TR	9	60	40	1000			
1-27	5068	11	9.4	34	13.6	11.0	1/32	800	60	7	60	40	1000			
1-28	5371	12	9.5	36	12.8	11.5	1/32	800	TR	TR	60	40	1000			
1-29	5624	13	9.7	37	12.0	10.4	1/32	800	40	9	60	40	1000			
1-30	5624	14	DST No. 1													
1-31	5791	15	10.6	41	11.5	13.6	1/32	800	240	15	60	40	1000			
2-1	5872	16	11.8	48	12.5	8.8	1/32	1000	240	18	60	40/30	1000/800			
2-2	5909	17	11.7	40	12.0	12.0	1/32	1000	240	18	60	40	1000			
2-3	5949	18	Run E-Logs													
2-4	5949	19	Wait on Orders													

BIT RECORD

<u>Bit No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hours</u>	<u>Average Ft/Hr</u>
1A	17 $\frac{1}{4}$	HTC	J-22	115'	115'	8	14.4
2A	17 $\frac{1}{4}$	STC	H.O.	115'	115'	4	28.8
3A	17 $\frac{1}{4}$	REED	FP-52	1305'	1190'	28 $\frac{1}{4}$	42.1
4A	17 $\frac{1}{4}$	STC	F-2	2258'	953'	36 $\frac{1}{4}$	26.3
5A	17 $\frac{1}{4}$	HTC	J-22	2500'	242'	11	22.0
6	7 7/8	HTC	J-22	4690'	2190'	93 $\frac{1}{4}$	23.5
7	7 7/8	HTC	J-33H	5624'	934'	78 3/4	11.9
8	7 7/8	HTC	RR J-33H	5842'	218'	21 $\frac{1}{4}$	10.3
9	7 7/8	ACC	R.M.Flash	5898	56'	6 3/4	8.3
10	7 7/8	HTC	RR J-33H	5949	51'	6	8.5

DEVIATION RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>DEGREES DEVIATION</u>
1-16-83	100'	$\frac{1}{4}^{\circ}$
1-18-83	628'	$\frac{1}{2}^{\circ}$
1-18-83	1150'	$\frac{1}{2}^{\circ}$
1-19-83	1707'	$\frac{1}{2}^{\circ}$
1-20-83	2500'	$\frac{1}{4}^{\circ}$
1-22-83	3082'	$\frac{1}{2}^{\circ}$
1-23-83	3574'	1°
1-24-83	4100'	1°
1-25-83	4690'	$\frac{1}{2}^{\circ}$
1-27-83	5237'	$\frac{1}{2}^{\circ}$
1-29-83	5624'	1°

FORMATION TOPS

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>E-LOG TOP</u>	<u>SUBSEA</u>
Pennsylvanian			
Hermosa	4488	4504	+977
Upper Ismay	5549	5558	-77
Lower Ismay	5735	5728	-247
Gothic Shale	5785	5782	-301
Desert Creek	5812	5811	-330
Lower Desert Cr.	5874	5873	-392
Chimney Rock	5898	5892	-411
T.D.	5949	5946	-465

E-LOG COMPARISONS

Raymond T. Duncan No. 1-22 Bradford Canyon Unit NE NE Section 22 T37S, R24E G.L. Elev - 5468' K.B. Elev - 5481'	Raymond T. Duncan No. 1-23 Bradford Canyon Unit NE SW Section 23 T37S, R24E G.L. Elev - 5011' K.B. Elev - 5026'	Raymond T. Duncan No. 1-10 Bradford Canyon Unit NE SW Section 10 T37S, R24E G.L. Elev - 5120' K.B. Elev - 5133'
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<u>FORMATION</u>	<u>Subsea Depth</u>	<u>Subsea Depth</u>	<u>Subsea Depth</u>
Pennsylvanian			
Hermosa	+977	+951	+1078
Upper Ismay	-77	-87	+34
Lower Ismay	-247	-269	-212
Gothic Shale	-301	-321	-262
Desert Creek	-330	-343	-287
Lower Desert Creek	-392	-405	-340
Chimney Rock	-411	-437	-357
Total Depth	-465	-524	-384

LOG CALCULATIONS

<u>Formation</u>	<u>Depth</u>	ϕ_N	ϕ_D	ϕ_S	Ave. ϕ	F ($1/\phi^2$)	Rt	Rwa (Rt/F)	Rw	Ro (FRw)	% Sw
Pennsylvanian											
Ismay	5596	.17	.02	.08	.093	114.8	19	.17	.03	3.44	43
	5598	.17	.06	.09	.107	87.9	8	.09	.03	2.64	57
	5600	.175	.045	.06	.093	114.8	6	.05	.03	3.44	76
	5610	.24	.08	.14	.153	42.5	2	.047	.03	1.28	80
	5612	.24	.07	.09	.133	56.5	1.7	.03	.03	1.69	100
	5614	.14	.02	.04	.067	222.8	3.5	.016	.03	6.68	100
	5640	.18	.015	.07	.088	129.1	4	.031	.03	3.87	98
	5644	.12	.02	.07	.07	204.1	10	.049	.03	6.12	78
	5647	.13	.01	.06	.066	229.6	8.5	.037	.03	6.89	90
	5650	.155	.02	.07	.082	148.7	8	.054	.03	4.46	75
	5654	.13	.01	.05	.063	251.9	15	.059	.03	7.56	71
Lower											
Desert Cr.	5878	.115	.04	.08	.078	164.4	3	.018	.035	5.75	100
	5880	.085	.03	.10	.072	192.9	4	.021	.035	6.75	100
	5882	.07	.03	.125	.075	177.8	6	.034	.035	6.22	100
	5884	.09	.03	.07	.063	252.0	8	.032	.035	8.82	100
	5886	.035	.025	.08	.047	452.7	10	.022	.035	15.84	100
	5888	.05	.01	.08	.047	452.7	10	.022	.035	15.84	100
	5890	.04	.005	.09	.045	493.8	10	.02	.035	17.28	100

Comments: The calculated values always assumed a constant bulk fluid density of 1.0 gm/cc. A resistivity value of 0.03 was used for the Ismay and a value of 0.035 was used for the Desert Creek. A limestone matrix was used on the CNP and converted to dolomite porosity in the Desert Creek. A grain density of 2.71 was used on FDC.

DRILL STEM TEST DATA

DRILL STEM TEST NO. 1: Upper Ismay (5594 ft. to 5624 ft.; 30 ft. test)

TYPE: Bottom hole conventional with no water cushion

FLOWS:

IF - 15 Minutes - Tool open with strong blow increasing to 20 oz. in 5 minutes on ¼ inch surface choke, 2 lbs. in 10 minutes, 3.5 lbs. in 15 minutes. No gas to surface.

ISI - 30 Minutes - Surface action very slowly died.

FF - 60 Minutes - Tool open with strong blow, 8 lbs. on ¼ inch choke increasing to 18 lbs. in 15 minutes, gas to surface in 22 minutes at 22 lbs. Decreased to 21 lbs. in 30 minutes, 20 lbs. in 45 minutes. Stabilized at 20 lbs. in 60 minutes, 50 MCF/day, 10-15 ft. flare.

FSI - 120 Minutes - Surface action very slowly died.

RECORDER FIELD PRESSURES:

	<u>Inside Chart (Top)</u>	<u>Outside Chart (Bottom)</u>
Location (depth)	5576	5624
IH	2795	2783
IF	27-54	53-79
ISI	2125	2114
FF	54-80	54-106
FSI	2393	2385
FH	2795	2783
Bottom Hole Temp.	120°F	120°F

RECOVERY:

Drill Pipe - 120 ft. of gas cut mud.

Sample Chamber - 900 cc. of gas cut mud; 0.3 cu. ft. gas at 75 psi.

RESISTIVITIES:

Drill Pipe - Top, 1.82 @ 67°F; middle - no check; bottom - no check

Sample Chamber - 1.62 @ 64°F

Pit Mud - 1.58 @ 55°F

Pit Mud Filtrate - no check

DRILL STEM TEST NO. 1: Upper Ismay (5594 ft. to 5624 ft.; 30 ft. test)
Continued

OBSERVATIONS AND COMMENTS: Drill Stem Test No. 1 was a successful mechanical test, the packers set and held, no mechanical failure was indicated on the test tool, no fluid was lost.

The results of this drill stem test in the Upper Ismay indicate a tight (fair to good porosity with low permeability) zone. No formation water was recovered indicating that, at this location, we are above any oil/water contact, giving this zone possibilities in making a gas well.

DRILL STEM TEST DATA

DRILL STEM TEST NO. 2: Lower Desert Creek (5870 ft. to 5898 ft.; 28 ft. test)

TYPE: Bottom hole conventional with no water cushion

FLOWS:

IF - 15 Minutes - Tool open with weak blow, 4 inches in bubble bucket, remained at 4 inches. No gas to surface.

ISI - 30 Minutes - Surface action died

FF - 30 Minutes - Tool open with no surface action on ¼ inch choke

FSI - 150 Minutes - No surface action

RECORDER FIELD PRESSURES:

	<u>Inside Chart (Top)</u>	<u>Outside Chart (Bottom)</u>
Location (depth)	5846	5894
IH	3546.7	3565.6
IF	26.4-26.4	40.2-40.2
ISI	34.6	80.3
FF	26.4-26.4	40.2-40.2
FSI	79.2	120.4
FH	3493.4	3578.9
Bottom Hole Temp.	124°F	124°F

RECOVERY:

Drill Pipe - 30 ft. mud

Sample Chamber - 2050 cc mud at 10 psi

RESISTIVITIES:

Drill Pipe - Top, 1.39 @ 62°F; middle - no check; bottom - no check

Sample Chamber - 1.47 @ 59°F

Pit Mud - 1.70 @ 62°F

Pit Mud Filtrate - No check

DRILL STEM TEST NO. 2: Lower Desert Creek (5870 ft. to 5898 ft.; 28 ft. test)
Continued

OBSERVATIONS AND COMMENTS: It appears that Drill Stem Test No. 2 was a successful test, the packers set and no fluid was lost downhole. Apparently no mechanical failure was indicated on the test tool. The packers pulled loose easily and no problems were encountered while tripping out and dismantling the test tool

A closer examination of this test is in order. It appeared that we got a good mechanical test but the test results do not really reflect what was observed in Core No. 2. We should have seen higher shut-in pressures, in fact, all of the pressures except hydrostatic, were unexpectedly low.

SAMPLE DESCRIPTIONS

- 4000-4130 Shale-Red orange, vari-colored, light to medium gray green, light green, blocky to platy, soft, calcareous, scattered silty in part, subwaxy in part, Siltstone-Red orange, soft, blocky, shaly in part, calcareous, scattered Sandstone-Clear, white, light gray, light green, poorly sorted, angular to subangular, calcareous, tight, no visible porosity.
- 4130-4170 Sandstone-Clear, white, light gray, light green, fine grained to scattered medium grained, angular, poor to moderately sorted, calcareous, no visible porosity, Shale-Green, gray, red-orange, varicolored, blocky to platy, soft, calcareous to slightly calcareous, subwaxy, scattered silty in part.
- 4170-4250 Shale-Varicolored, green, gray, orange, red, blocky to platy in part, subwaxy, soft slightly calcareous, scattered slightly silty in part. Scattered Sandstone-White, clear, light gray, very fine grained to fine grained, scattered medium grained, angular to subangular, poor to moderately sorted, calcareous, tight, no visible porosity, scattered Siltstone-Red, orange, blocky, shaly in part, calcareous, soft.
- 4250-4290 Sandstone-Clear, light gray, white, very fine grained to fine grained, micaceous, angular to subangular, poor to moderately sorted, calcareous, tight, no visible porosity. Shale-Varicolored, micaceous, blocky, silty in part, soft, calcareous, with Siltstones-Red, orange, blocky, calcareous, soft, micaceous.
- 4290-4310 Shale-Varicolored, dark brown, red, orange, gray to green, blocky to platy in part, micaceous, soft, silty in part, traces scattered Limestone-White to light brown, light gray, cryptocrystalline, dense, moderately firm, no visible porosity, no stain, traces of scattered fossils.
- 4310-4440 Shale-Varicolored, blocky, scattered silty in part, calcareous, micaceous in part, soft to moderately firm. Siltstone-Red orange, blocky, moderately firm, calcareous. Scattered Sandstone-Light green, clear, light gray to white, very fine grained to fine grained, angular to subangular, poor to moderately sorted, calcareous, no visible porosity, tight, scattered micaceous in part, traces of scattered pyrite, trace of scattered Limestone-Light to medium brown, cryptocrystalline, dense, moderately firm, shaly in part, no visible porosity.
- 4440-4510 Sandstone-Light green, light gray, white to clear, very fine grained to fine grained, poor to moderately sorted, subangular, tight, micaceous, calcareous. Siltstone-Dark gray to gray, scattered dark brown, very calcareous, slightly shaly in part. Shale-Medium to dark gray, dark green, silty to very silty, calcareous, moderately firm to soft, slightly carbonaceous in part, scattered Coal. Limestone-Brownish gray, dense, cryptocrystalline, moderately firm, no visible porosity.

- 4510-4550 Limestone-White, light to medium gray, light brown, sandy, abundant pelletoidal, cryptocrystalline to microcrystalline, dense, no visible porosity, no stain, no cut.
- 4550-4560 Shale-Dark brown, medium to dark gray, blocky, soft, calcareous, scattered Coal.
- 4560-4610 Limestone-Light gray, light brown, cryptocrystalline to microcrystalline, dense, scattered sandy in part. Shale-Dark brown, brown, medium to dark gray, blocky, slightly limy in part, soft to moderately firm, subwaxy.
- 4610-4620 Limestone-Light to medium gray, dark brown to light brown, cryptocrystalline to microcrystalline, dense, no visible porosity, no stain, traces of scattered dark brown Chert.
- 4620-4660 Limestone-Light brown, light gray, brownish gray, cryptocrystalline, argillaceous in part, dense, no visible porosity. Shale-Dark brown, medium to dark gray, blocky, scattered slightly silty in part, soft, moderately firm to soft, calcareous to slightly limy in part.
- 4660-4690 Sandstone-Light green, light gray, clear, white, light brown, very fine grained to fine grained, micaceous, calcareous, tight. Shale-Brown, reddish-brown, blocky to platy, micaceous, soft to moderately firm, calcareous. Scattered Limestone-Light brown, light gray, light brownish gray, cryptocrystalline, dense, argillaceous in part, no visible porosity.
- 4690-4710 Limestone-Brown, medium gray, light gray to light brownish gray, cryptocrystalline, dense, slightly argillaceous in part, no visible porosity, scattered sandy in part. Siltstone-Green, gray, hard, calcareous in part, slightly sandy in part. Shale-Dark reddish brown, medium gray, blocky silty in part, calcareous to scattered limy in part.
- 4710-4720 Shale-Medium gray, dark brown to dark gray, blocky to platy, moderately firm to soft, calcareous to scattered limy in part, silty.
- 4720-4730 Limestone-Medium gray, light to medium brown, sandy to silty, cryptocrystalline to microsugrosic, dense, no visible porosity.
- 4730-4740 Limestone-Light to medium gray, cryptosugrosic to microsugrosic, dense, no visible porosity.
- 4740-4770 Shale-Medium to dark gray, medium to dark brown, scattered black, silty, calcareous to limy in part, platy to blocky, soft to moderately firm. Limestone-Brown, cryptocrystalline, dense, argillaceous in part, no visible porosity, no stain.

- 4770-4790 Shale-Brown, dark brown, dark reddish brown, platy to blocky, hard to firm, calcareous to limy, micaceous in part. Limestone-Brown, gray, cryptocrystalline, dense, argillaceous to shaly in part, no visible porosity.
- 4790-4840 Sandstone-Light to medium gray, greenish gray, very fine grained, well sorted, hard, calcareous to limy. Limestone-Light to medium gray, light to medium brown, dense, argillaceous in part, cryptocrystalline. Shale-Dark reddish brown, dark brown, medium gray, platy to blocky, calcareous to limy in part, soft to moderately firm.
- 4840-4860 Limestone-Cream, white, light brown, light gray, light grayish brown, argillaceous in part, dense, cryptocrystalline, scattered slightly fragmental, no visible porosity, no stain, no cut.
- 4860-4880 Shale-Predominately medium gray, dark brown, reddish brown, blocky to platy, moderately firm to soft, calcareous to slightly limy.
- 4880-4900 Sandstone-Brown, clear, white, light green, light brown, very fine grained to fine grained, angular to subangular, micaceous, calcareous, tight, no visible porosity, no stain. Shale-Dark brown, dark reddish brown, medium gray, blocky to platy, calcareous to scattered limy, soft to moderately firm.
- 4900-4920 Shale-Dark brown, medium to scattered gray, dark reddish brown, blocky, soft to scattered moderately firm, calcareous to scattered limy, scattered micaceous. Sandstone-White, light gray, light green, light brown, fine grained, scattered very fine grained, calcareous, tight, moderate to scattered poorly sorted, no visible porosity, micaceous in part.
- 4920-4930 Limestone-Cream, light gray, light brown, brownish gray, cryptocrystalline to microcrystalline, dense, argillaceous in part, scattered slightly silty in part, no visible porosity.
- 4930-4950 Shale-Medium gray, blocky, silty, calcareous to scattered limy in part, moderately firm to firm. Limestone-Brown, grayish brown, dense, cryptocrystalline, argillaceous in part.
- 4950-4970 Limestone-Brown, cream, grayish brown, cryptocrystalline to scattered fragmental, moderately firm, no visible porosity, scattered argillaceous in part, pyritic in part, trace scattered fossils with Shale-Dark brown, medium to dark gray, blocky, moderately firm to firm, silty in part, calcareous to limy.
- 4970-4980 Sandstone-Light green, white, light gray, cream to clear, fine grained to scattered very fine grained, abundant mica, poor to scattered moderately sorted, subangular, calcareous, no visible porosity.

- 4980-5010 Shale-Dark brown, dark reddish brown, medium to dark gray, blocky, silty in part, moderately firm to firm, calcareous to slightly limy in part. Scattered Limestone-Brown to light brown, cryptocrystalline, dense, slightly argillaceous in part.
- 5010-5020 Limestone-Cream, light brown, scattered medium brown, light gray, grayish brown, cryptocrystalline, argillaceous in part, hard, trace scattered fossils, no stain, no visible porosity, with Shale-Dark reddish brown, medium to dark gray, blocky, silty in part, scattered limy.
- 5020-5030 Limestone-Medium brown, tan to light brown, cryptocrystalline, dense, argillaceous in part, no porosity.
- 5030-5060 Shale-Medium gray, dark brown to dark gray, dark brownish gray, blocky, silty, calcareous to slightly limy in part, firm to moderately firm, with Limestone-Medium to Dark Brown, gray, cryptocrystalline, argillaceous in part, silty in part, dense, no visible porosity, no stain.
- 5060-5070 Limestone-Buff, tan, light brown, cream, cryptocrystalline, scattered slightly fragmental, dense, argillaceous in part, scattered chert, no stain, no visible porosity, no cut.
- 5070-5100 Shale-Dark gray to black, dark brownish gray, blocky, silty in part, moderately firm to firm, calcareous to slightly limy in part.
- 5100-5110 Limestone-Cream, light tan, cryptocrystalline, dense, very argillaceous, no visible porosity.
- 5110-5130 Shale-Dark grayish brown, dark brown, medium to dark gray, scattered black, silty in part, calcareous to limy, firm.
- 5130-5150 Sandstone-White, clear, light gray, slightly salt and pepper, very fine grained to fine grained, scattered medium to coarse quartz grains, subangular to angular, poor to scattered moderately sorted, calcareous, slightly dolomitic in part, fair visible porosity, no stain, no cut, trace micaceous.
- 5150-5170 Shale-Dark brown, medium to dark gray, platy to blocky, soft to moderately firm, calcareous to scattered limy in part. Limestone-Light to medium gray, light to medium brown, cryptocrystalline, argillaceous, scattered silty in part, no visible porosity, no stain.
- 5170-5200 Limestone-Light gray, cream, light tan, scattered medium brown, cryptocrystalline, scattered fragmental, dense, argillaceous in part, no visible porosity, no stain, no cut, scattered fossils, traces of scattered pyrite, trace of anhydrite.

- 5200-5220 Shale-Dark gray, black, splintery to platy, moderately firm to firm, slightly silty in part, trace of carbonaceous material in part, calcareous to slightly limy in part.
- 5220-5230 Limestone-Medium to dark gray, scattered light gray, light brownish gray, cryptocrystalline to microcrystalline, dense, argillaceous, no visible porosity, no stain.
- 5230-5250 Shale-Dark reddish brown, dark brown, medium to dark gray, blocky, carbonaceous, scattered black Coal, soft to moderately firm, calcareous to limy. Limestone-Light brown, light gray, cryptocrystalline, dense, argillaceous in part, no visible porosity.
- 5250-5260 Limestone-Light to medium brown, light grayish brown, cryptocrystalline, dense, abundant light brown Chert, traces of scattered black stain, trace scattered pyrite, no visible porosity, no cut.
- 5260-5290 Shale-Medium to dark gray, blocky, firm, calcareous to limy with Limestone-Brown, buff to medium brown, dense, cryptocrystalline, no visible porosity, no stain, argillaceous.
- 5290-5310 Shale-Dark gray to black, blocky to splintery, soft, calcareous, slightly silty in part, traces of slightly limy in part.
- 5310-5340 Limestone-Light brown, tan, cream, scattered medium brown, argillaceous in part, cryptocrystalline, slightly fragmental in part, no visible porosity, with Shale-Medium to dark gray, blocky to platy, calcareous to limy, moderately firm, scattered soft, slightly silty in part.
- 5340-5350 Shale-Black to dark gray, blocky to splintery, soft to moderately firm, scattered firm, calcareous to limy.
- 5350-5370 Limestone-Buff, light brown, cream, scattered medium brown, argillaceous in part, cryptocrystalline, slightly fragmental in part, dense, scattered slightly silty in part, no visible porosity, no stain, no cut.
- 5370-5430 Limestone-Light to medium gray, medium brown, medium brownish gray, cryptocrystalline, argillaceous in part, no visible porosity. Shale-Medium gray, scattered black, scattered dark brown, blocky to platy, soft to moderately firm, calcareous to limy, silty in part.
- 5430-5470 Shale-Dark gray to black, splintery to blocky, soft to moderately firm, calcareous, slightly limy, silty in part, scattered Limestone-Gray brown, cryptocrystalline, dense, cherty.

- 5470-5480 Limestone-Medium gray, medium brown, grayish brown, cryptocrystalline, dense, no visible porosity, scattered Chert. Shale-Medium gray to dark gray, blocky to splintery, soft to moderately firm, calcareous to limy in part.
- 5480-5510 Limestone-Medium gray to light gray, brownish gray, cryptocrystalline to microcrystalline, dense, abundant light to medium brown Chert, no stain, no visible porosity, argillaceous in part.
- 5510-5530 Limestone-Predominately medium gray to light gray, medium brown, cryptocrystalline to microcrystalline, dense, argillaceous in part, no visible porosity. Shale-Medium to dark gray, blocky, silty in part, limy in part.
- 5530-5600 Shale-Dark gray, dark brown, scattered black, platy to blocky, moderately firm, scattered firm, slightly silty in part, calcareous to limy. Limestone-Brownish gray, scattered medium brown, cryptocrystalline, argillaceous in part, no visible porosity, anhydritic in part, scattered white anhydrite.
- 5600-5630 Dolomite-Light brown, buff to tan, scattered medium brown to grayish brown, microsugrosic to scattered sugrosic, scattered pinpoint porosity, scattered small vugs, abundant brown oil stain to black dead oil stain, scattered anhydrite filled vugs, faint fair light yellow fluorescence with slow fair yellow milky to fair bleeding yellow cut.
- 5630-5640 Shale-Dark gray to black, splintery to blocky, soft to moderately firm, calcareous to limy in part. Dolomite-Brown, tan to buff, microsugrosic, scattered pinpoint porosity, brown oil stain, faint light yellow fluorescence with slight yellow milky cut.
- 5640-5660 Limestone-Light brown, light gray, light tan, light grayish brown, cryptocrystalline to microsugrosic, dolomitic in part, fair to good visible pinpoint porosity, scattered small vugs, fair to good yellow fluorescence, abundant black dead oil stain, fair scattered dark brown to brown stain, with poor to fair slight yellow bleeding cut.
- 5660-5690 Limestone-Medium to dark gray, cryptocrystalline, slightly dolomitic, shaly in part to very argillaceous in part, no visible porosity, no stain, traces of scattered dull gold fluorescence, very slow standing cut to no cut. Shale-Black to dark gray, blocky to splintery, soft to moderately firm, calcareous to slightly limy, slightly silty in part.
- 5690-5700 Shale-Black to dark gray, blocky to splintery in part, moderately firm to firm, calcareous, slightly limy in part. Limestone-Medium gray to dark gray, scattered light grayish brown, cryptocrystalline to microsugrosic, argillaceous to scattered very argillaceous, dense, no visible porosity, no stain, no fluorescence.

- 5700-5720 Shale-Black to dark gray, splintery to platy, scattered blocky, soft to moderately firm, slightly calcareous to scattered non-calcareous, silty in part, carbonaceous in part.
- 5720-5740 Shale-Medium to dark gray to black, blocky to splintery, soft, silty in part, calcareous in part. Limestone-Brown, light brown, grayish brown, cryptocrystalline to microcrystalline, dense, argillaceous in part, anhydritic in part.
- 5740-5780 Anhydrite-White, light gray, cream, limestone inclusions. Limestone-Light to medium gray, dense, abundant anhydrite inclusions, cryptocrystalline, dolomitic, scattered Shale-Black, dark gray, platy to splintery, soft, slightly calcareous to calcareous.
- 5780-5790 Dolomite-Buff, brown, grayish brown, sucrosic, anhydritic in part, dense, no visible porosity, no stain, good mineral fluorescence, scattered white to light gray anhydrite, scattered Shale-Black, soft to moderately firm, slightly calcareous, carbonaceous in part.
- 5790-5820 Shale-Black, dark gray, splintery to platy, silty in part, non calcareous to slightly calcareous, scattered Dolomite-Light to medium brown, buff, microsucrosic to sucrosic, dense, no visible porosity to scattered small vugs, scattered gold fluorescence, with trace scattered yellow cut.
- 5820-5840 Anhydrite-White, light gray, with Dolomite-Light brown, light grayish brown, microsucrosic, dense, anhydritic in part, no visible porosity, no stain, limy in part.
- 5840-5850 Shale-Black, dark gray, platy, soft to moderately firm, very calcareous to limy, mica flakes, carbonaceous.
- 5850-5860 Limestone-Dark reddish brown, dark gray, cryptocrystalline to microcrystalline, dense, shaly, no visible porosity, no fluorescence, no stain, trace scattered anhydrite inclusions.
- 5860-5870 Anhydrite-Light gray, white, medium gray to dark gray, light brown.
- 5870-5880 Limestone-Dark brown, dark reddish brown, grayish brown, cryptocrystalline to cryptosucrosic, dense, fracture porosity to no visible porosity, no fluorescence, black stain, dolomitic in part, with Dolomite-Dark reddish brown, dark grayish brown, cryptocrystalline to microsucrosic, fracture porosity, scattered black stain, argillaceous in part, no fluorescence, no cut.
- 5880-5890 Dolomite-Brown, buff, microsucrosic, trace pinpoint porosity, fair black oil stain, strong oil odor, trace fluorescence, no cut, argillaceous in part, scattered anhydrite infilling fractures.

- 5890-5900 Shale-Black, dark gray, platy, calcareous to very limy, moderately firm, carbonaceous in part, scattered calcareous crystals.
- 5900-5920 Shale-Black to dark gray, platy to blocky, calcareous to slightly calcareous, soft to moderately firm, carbonaceous in part.
- 5920-5946 Dolomite-Medium gray, brown, medium to dark brownish gray, cryptocrystalline to microcrystalline, dense, limy, argillaceous to very argillaceous, no visible porosity, no stain, no fluorescence, no cut, scattered Shale-Dark gray, black, blocky to scattered platy, calcareous, soft to moderately firm, carbonaceous in part.

SHOW ANALYSIS

Upper Ismay (5600' - 5661') (E-Logs 5594' - 5664')

The light brown to buff dolomites of the Upper Ismay drilled at an average rate of 1.75 minutes per foot for 16 feet in the upper part of this zone (from 5594' to 5625'). It broke down from 5-6 minutes per foot before and it drilled 4 minutes per foot after. From the E-logs 14 feet of net pay with average porosity of 7 to 15% is present in this zone. Total gas during the drilling of this zone peaked at 960 units from a background of 20 units.

Another porosity zone was penetrated from 5640' to 5661'. These micro-sucrosic to microcrystalline light brown to brown limestones drilled at an average rate of 2 minutes per foot. This zone broke down from 4 minutes per foot before and drilled 6 minutes per foot after. Average porosity values ranged from 6 to 9% through a zone from 5640' to 5660' with 20 feet of possible net pay. Total gas peaked at 600 units through this zone.

From Drill Stem Test No. 1 gas reached the surface in the final flow and stabilized indicating a potential pay zone in the Ismay. No water was recovered during the test. The amount of gas and the pressures behind this gas indicate fair to good porosity with moderately low permeability.

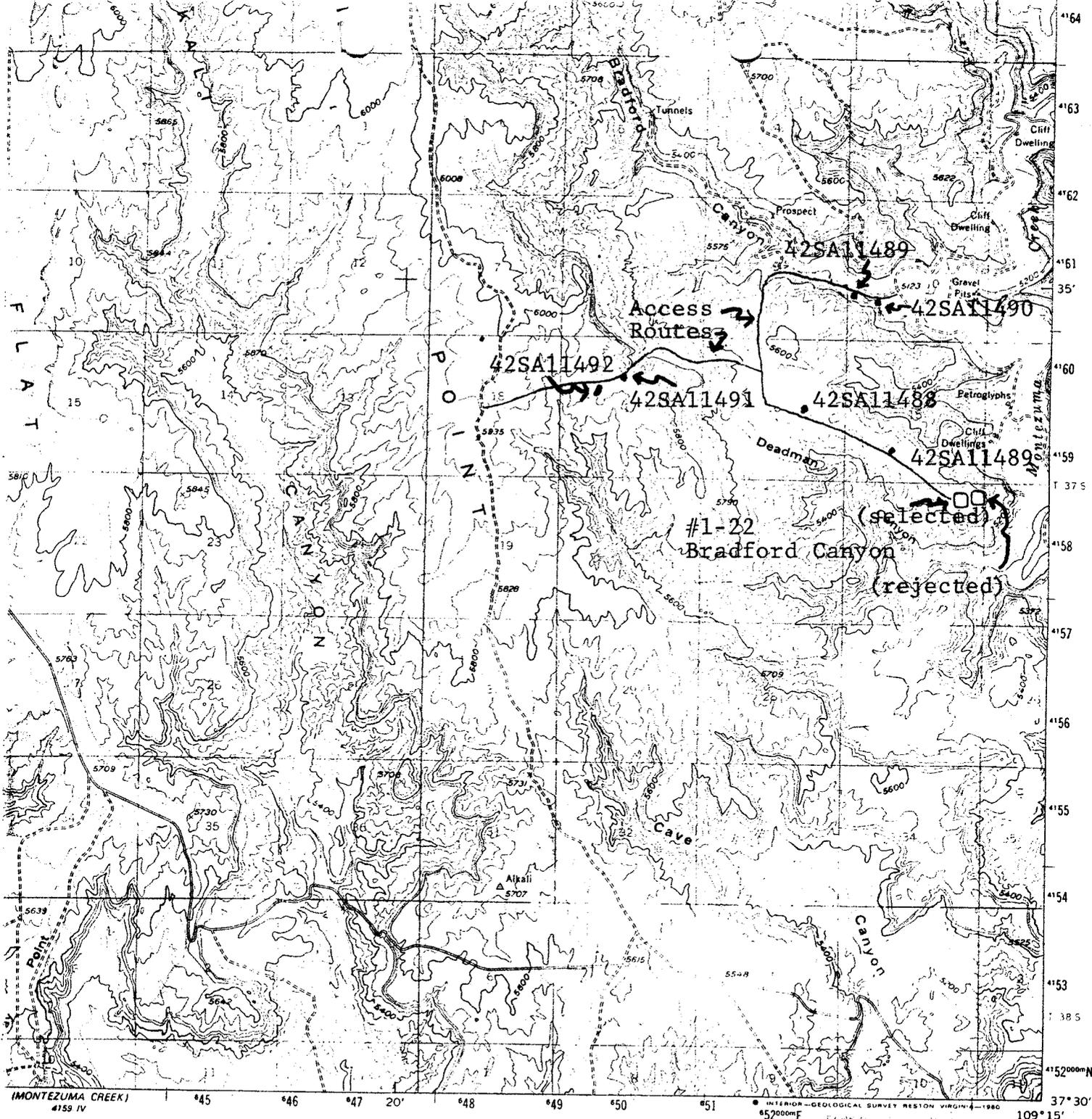
Lower Desert Creek (5874' - 5890') (E-Logs 5873'-5890')

The Lower Desert Creek cored at an average rate of 4 minutes per foot through this interval. It broke down from 7-8 minutes per foot before and drilled at 7-8 minutes after. These brown to light brown dolomites exhibited poor porosity in the core, and from the E-logs porosity ranged from 5 to 8%. Total gas peaked at 125 units while penetrating this zone from a background of 25 units. Horizontal fractures were observed from examining the core at the top of this zone, with some oil stain around these fractures. Only traces of small vuggy porosity were observed in the core. The Drill Stem Test No. 2 results indicated low porosity with very little to no permeability.

FINAL ANALYSIS

The Raymond T. Duncan, No. 1-22 Bradford Canyon Unit was drilled to a total depth of 5946 feet into the Paradox Evaporites. This well was drilled to explore a northeast up-dip extension of the No. 1-23 Bradford Canyon discovery well in the Ismay and Desert Creek members of the Paradox Formation. The well was drilled with no major problems in engineering or geology. The crews of Arapahoe Rig No. 11 performed their jobs satisfactorily and efficiently. The mudlogger from Analex also did a commendable job.

Final evaluation of the zones penetrated at this location indicates a possible pay zone in the Upper Ismay dolomites and limestones. Good porosity and no water with some permeability gives this zone a good chance in making a gas well. The Lower Desert Creek at this location appears to be tight with very little potential in making a well.

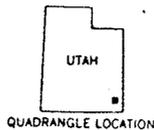


SCALE 1:62500



NOTUR INTERVAL 40 FEET
 GEODETIC VERTICAL DATUM OF 1929

WITH NATIONAL MAP ACCURACY STANDARDS
 BUY FROM THE NATIONAL MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



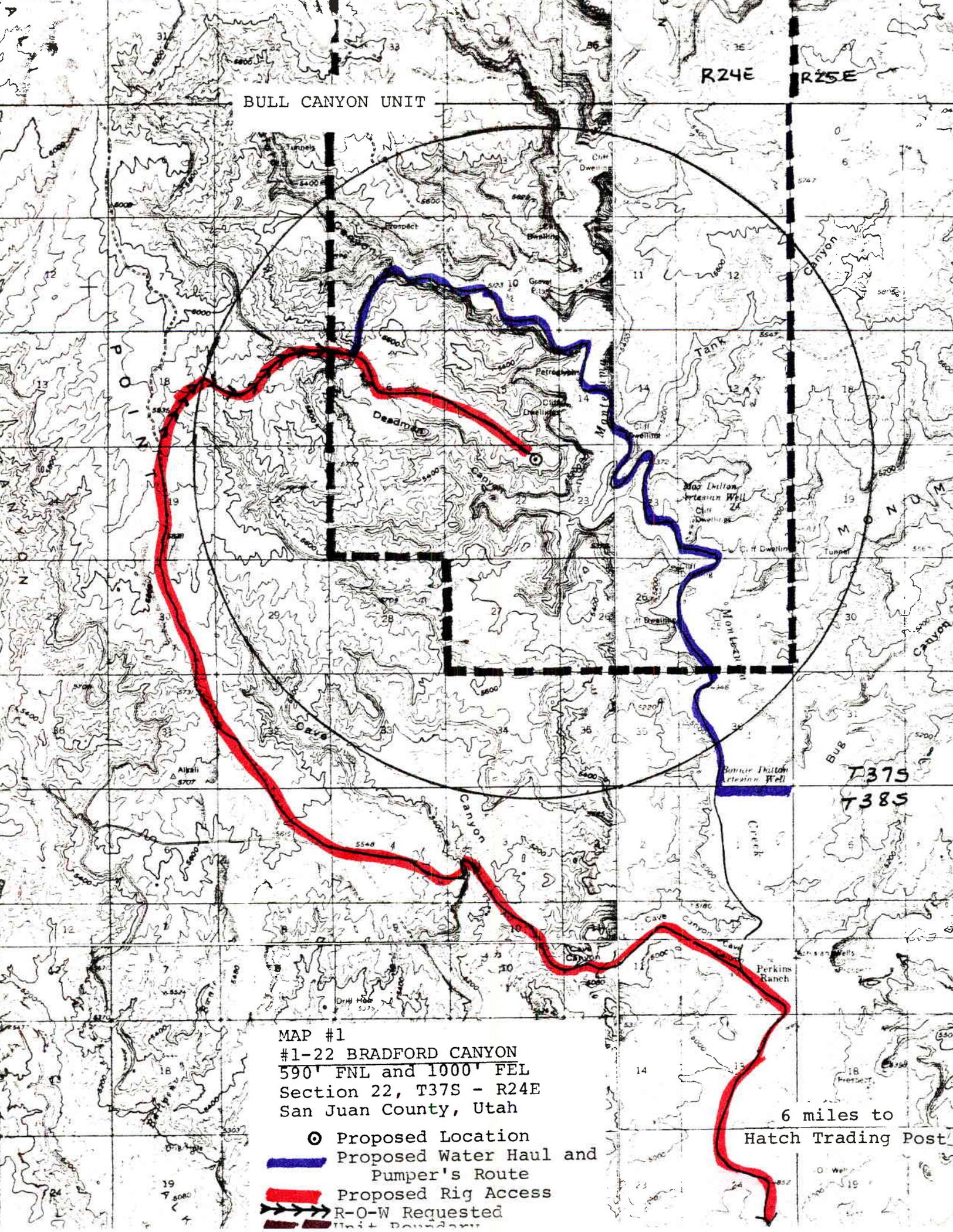
QUADRANGLE LOCATION

ROAD CLASSIFICATION	
Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
	State Route

BLANDING, UTAH
 N3730-W10915/15

1957
 DMA 4159 III-SERIES V797

COJON MESA
 4159



BULL CANYON UNIT

R24E R25E

T37S
T38S

MAP #1
#1-22 BRADFORD CANYON
590' FNL and 1000' FEL
Section 22, T37S - R24E
San Juan County, Utah

- ⊙ Proposed Location
- Proposed Water Haul and Pumper's Route
- Proposed Rig Access
- R-O-W Requested
- Unit Boundary

6 miles to Hatch Trading Post

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

421

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR
Raymond T. Duncan

3. ADDRESS OF OPERATOR
1777 So. Harrison, P-1, Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)
At surface 550' FNL, 1000' FEL
At top prod. interval reported below same
At total depth same

RECEIVED
JUL 27 1983
NE NE
43-037-3920
DIVISION OF GAS MINING

14. PERMIT NO. N/A DATE ISSUED 12/16/82

15. DATE SPUNDED 1/16/83 16. DATE T.D. REACHED 2/3/83 17. DATE COMPL. (Ready to prod.) 7/13/83

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5468' GL 19. ELEV. CASINGHEAD 5468' GL

20. TOTAL DEPTH, MD & TVD 5946' 21. PLUG, BACK T.D., MD & TVD 5628' 22. IF MULTIPLE COMPL., HOW MANY N/A 23. INTERVALS DRILLED BY → 0-5946'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
pper Ismay 5594-5602', 5608-18'

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC/CNL/DIL/Sonic, Dipmeter/GRCBL

27. WAS WELL CORED
yes

25. WAS DIRECTIONAL SURVEY MADE
no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	116'	17 1/2"	200 sx C1 "B" w/add.	
8 5/8"	24#	2500'	12 1/4"	1550 sx C1 "B" w/add.	
5 1/2"	15.5#	5943'	7 7/8"	330 sx C1 "B" w/add.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
5636-54' 2 JSPF, 37 holes, CIBP set @ 5628'
5594-5602, 5608-18' 2 JSPF, 38 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5636-54'	3250 gal 15% HCL + add.
5594-5618'	2800 gal 15% HCL + add.

33. PRODUCTION

DATE FIRST PRODUCTION 7/6/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flow WELL STATUS (Producing or shut-in) prod.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/19/83	24	3/4"	→	12	500	35	41667

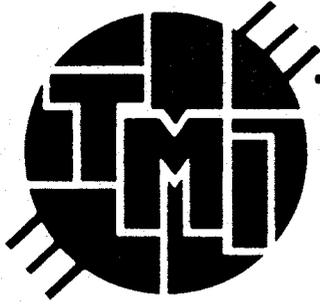
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
90 psi	N/A	→	12	500	35	40.4

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

35. LIST OF ATTACHMENTS
Geological report

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

SIGNED John W. Lowry TITLE District Drilling and Production Supt. DATE 7/25/83



Technology Management Inc.

Consulting Engineers and Chemists

526 20 $\frac{1}{4}$ Road, Grand Junction, Colorado 81503 (303) 242-6154

RECEIVED

To: RAYMOND T. DUNCAN OIL PROPERTIES
1777 S. HARRISON, PENTHOUSE 1
DENVER, CO 80210

Date: APR. 28, 1986
No.: TMI/RTD 86-W1

WATER ANALYSIS

SUBMITTED BY: KNUCKLES PUMPING
SERVICE
IDENTIFICATION: BRADFORD CANYON
1-22

DATE SAMPLED: APR. 22, 1986
DATE RECEIVED: APR. 28, 1986
DATE TESTED: APR. 28, 1986

TEST	RESULT
TEMPERATURE, Deg. C	25
CONDUCTIVITY, MICROMHOS/cm	470500
RESISTIVITY, OHMS/M	.021
SPECIFIC GRAVITY @ 25/25 Deg. C	1.195
pH	6.0
TOTAL DISSOLVED SOLIDS mg/L	282412
POTASSIUM, AS K, mg/L	5000
IRON, AS Fe, mg/L	7.14
CALCIUM, AS Ca, mg/L	19584
MAGNESIUM, AS Mg, mg/L	1166
CHLORIDE, AS Cl, mg/L	172000
CARBONATE, AS CaCO ₃ mg/L	0
BICARBONATE, AS CaCO ₃ mg/L	350
SULFATE, AS SO ₄ mg/L	210
SODIUM, AS Na mg/L	84026

Respectfully submitted by
TECHNOLOGY MANAGEMENT, INC.

Carlton C. Chambers

Carlton C. Chambers, P.E.

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
Raymond T. Duncan

3. ADDRESS OF OPERATOR
1777 S. Harrison St., P-1, Denver, CO 80210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 590' FNL & 1000' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: same

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

5. LEASE
U-14236

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Bradford Canyon Unit

8. FARM OR LEASE NAME
Bradford Canyon

9. WELL NO.
No. 1-22

10. FIELD OR WILDCAT NAME
Bradford Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22-T37S-R24E

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

14. API NO.
43-037-30850

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5468' GL

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) Dispose of Produced Water
(NTL-2B)

SUBSEQUENT REPORT OF:

RECEIVED
MAY 12 1986

(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.)*

Raymond T. Duncan requests your approval to dispose of produced waters from the above captioned well into the state-approved Hatch Salt Water Disposal Pit located in Section 13-T39S-R24E.

The Bradford Canyon Federal No. 1-22 produces approximately 20 BWPD from the Upper Ismay Formation (Depth: 5594'-5618'). A water analysis, which includes total dissolved solids, pH, and the concentrations of chlorides and sulphates, is attached.

Duncan proposes to store the produced water in a 400-barrel tank and then truck the water to the Hatch Salt Water Disposal Pit.

A copy of this sundry has been sent to the State of Utah Division of Oil, Gas, and Mining for their approval.

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

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

SIGNED John A. Bettridge TITLE Operations Supt. DATE _____

(This space for Federal or State office use)

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

Federal approval of this action is required before commencing operations.

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

DATE: 5-14-86
BY: John R. Dege

*See Instructions on Reverse Side

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

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

Budget Bureau No. 1604-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-14236	
2. NAME OF OPERATOR Raymond T. Duncan		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR 1777 S. Harrison St., PH-1, Denver, CO		7. UNIT AGREEMENT NAME Bradford Canyon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 590' FNL & 1000' FEL		8. FARM OR LEASE NAME Bradford Canyon	
14. PERMIT NO. 43-037-30850		9. WELL NO. No. 1-22	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5468' GL		10. FIELD AND POOL, OR WILDCAT Bradford Canyon	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 22-37S-24E	
		12. COUNTY OR PARISH San Juan	13. STATE UT

SEP 25 1989
DIVISION OF OIL, GAS & MINING

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

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

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

A workover was performed on the above captioned well on September 5, 1989 as follows:

POOH w/pump, rods and tubing. RIH w/tbg, bit & scraper to 5628'. Hot oil tbg & circ w/hot water. Well on vacuum. Filled hole w/salt water. Drilled out BP @ 5628'. POOH. RIH w/ 1 jt, SN, 5 jts, AC, 183 jts tbg. RIH w/ rods & pump.

Well is now producing from perforations at 5594-5602', 5608-18', & 5636-54'.

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

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

SIGNED J. A. Bettridge TITLE Operations Superintendent DATE September 20, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

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

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 purposes.)

RECEIVED
DEC 14 1989
DIVISION OF
OIL, GAS & MINING

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-14236
2. NAME OF OPERATOR Raymond T. Duncan		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1777 S. Harrison St., P-1, Denver, CO 80210		7. UNIT AGREEMENT NAME Bradford Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 590' FNL & 1000' FEL		8. FARM OR LEASE NAME Bradford Canyon
14. PERMIT NO. 43-037-30850		9. WELL NO. No. 1-22
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5468' GL		10. FIELD AND POOL, OR WILDCAT Bradford Canyon
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22-T37S-R24E
		12. COUNTY OR PARISH San Juan
		13. STATE UT

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

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

(Other) Change to NTL-2B

(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.)*

Raymond T. Duncan requests your approval to dispose of produced waters from the above captioned well into the Taos State SWD #25-34. Under the existing NTL-2B, Duncan disposes of water into the Hatch Salt Water Disposal Pit. All other provisions of the NTL-2B (approved 9/6/86) remain the same.

A copy of this sundry has been sent to the State of Utah, Division of Oil, Gas, and Mining for their approval.

Taos State SWD #25-34
SW SE Sec. 25-37S-25E
San Juan Co., UT

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 12-18-89
BY: [Signature]

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

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

SIGNED [Signature] TITLE Operations Superintendent DATE December 5, 1989
John A. Bettridge

(This space for Federal or State office use)

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

**Federal Approval of this
Action is Necessary**

*See Instructions on Reverse Side

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

AUG 16 1995

6. Lease Designation and Serial Number	U-14236
7. Indian Allottee or Tribe Name	NA
8. Unit or Communitization Agreement	NA
9. Well Name and Number	Bradford Canyon 1-22
10. API Well Number	4303730850
11. Field and Pool, or Wildcat	Bradford Canyon
County :	San Juan
State :	UTAH

SUNDRY NOTICES AND REPORTS ON WELLS GAS & MINING

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Raymond T. Duncan	
3. Address of Operator 1777 S. Harrison, P-1, Denver, CO 80210	
4. Telephone Number (303) 759-3303	
5. Location of Well Footage 550' FNL, 1000' FEL QQ. Sec. T., R., M. : NENE 22-37S-24E	

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--------------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of operator name</u> | |

Approximate Date Work Will Start Upon approval from
Utah Division of Oil,
Gas & Mining

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

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

* Must be accompanied by a cement verification report.

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

Raymond T. Duncan requests a name change on the subject lease to Duncan Oil, Inc. Offices, personnel and all operations will continue to be the same as they have been for Raymond T. Duncan. Duncan Oil, Inc. will be responsible under the terms and conditions of the lease for operations conducted on the leased lands.

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

Name & Signature Brenda Kelsch *Brenda Kelsch* Title Production Clerk Date 8/14/95

(State Use Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 13 1996

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Raymond T. Duncan

3. Address and Telephone No.
1777 S. Harrison St. P-1, Denver, CO 80210 (303) 759-3303

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
550' FNL, 1000' FEL NENE 22-37S-24E

5. Lease Designation and Serial No.
U-14236

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Bradford Canyon 1-22

9. APT Well No.
4303730850

10. Field and Pool, or Exploratory Area
Bradford Canyon, Ismay

11. County or Parish, State
San Juan

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

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

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

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

Raymond T. Duncan requests that the operator name on the subject lease be changed to Duncan Oil, Inc.. Record title will remain under Raymond T. Duncan, but operations will be conducted by Duncan Oil, Inc. Offices, personnel and all operations will continue to be the same as they have been for Raymond T. Duncan. Duncan Oil, Inc. will be responsible under the terms and conditions of the lease for operations conducted on the leased lands.

eff. 3/8/96

96 MAR -6 PM 3:02
RECEIVED

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

Signed *Branda Albert* Title Production Clerk Date 02/29/96

(This space for Federal or State office use)

Approved by *Brad D. Palmer* Title Assistant District Manager Date MAR 8 1996
Resource Management

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

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

Duncan Oil, Inc.
Well No. Bradford Canyon 1-22
NENE Sec. 22, T. 37 S., R. 24 E.
San Juan County, Utah
Lease UTU14236

CONDITIONS OF APPROVAL

Approval of this application 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.

Be advised that Duncan Oil, Inc., is considered to be the operator of the above well(s) and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WY0271 (Principle - Raymon T. Duncan; Coprinciple-Duncan Oil, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC 7-SJ	✓
2-DAS 8-FILE	✓
3-VLD	✓
4-RJF	✓
5-LES	✓
6-FILM	✗

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: 3-8-96)

TO (new operator) <u>DUNCAN OIL, INC.</u>	FROM (former operator) <u>DUNCAN, RAYMOND T</u>
(address) <u>1777 S HARRISON ST PH #1</u>	(address) <u>1777 S HARRISON ST PH #1</u>
<u>DENVER CO 80210</u>	<u>DENVER CO 80210</u>
phone (<u>303</u>) <u>759-3303</u>	phone (<u>303</u>) <u>759-3303</u>
account no. <u>N 6980 (3-14-96)</u>	account no. <u>N0360</u>

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

Name: <u>BRADFORD CYN FED 1-22</u>	API: <u>43-037-30850</u>	Entity: <u>548</u>	Sec <u>22</u> Twp <u>37S</u> Rng <u>24E</u>	Lease Type: <u>U14236</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 8-16-95)*
- Yec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 8-16-95)*
- Yec 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: #C0180083 (EA. 6-5-95)
- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-14-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(3-14-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(3-14-96)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-14-96)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- oo 3/14/96*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- VDF* 1. All attachments to this form have been microfilmed. Date: March 22 1996.

FILING

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

COMMENTS

960314 BLM/mcab Aprv. eff. 3-8-96.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 22, 2001

Holcomb Oil & Gas, Inc.
P.O. Box 2058
Farmington, New Mexico 87499

Re: Bradford Canyon Unit
San Juan County, Utah

Gentlemen:

On June 18, 2001, we received an indenture dated December 1, 2000, whereby Duncan Oil, Inc. resigned as Unit Operator and Holcomb Oil and Gas, Inc. was designated as Successor Unit Operator for the Bradford Canyon Unit, San Juan County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 22, 2001. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Bradford Canyon Unit Agreement.

Your statewide (Utah) oil and gas bond No. 1227 will be used to cover all operations within the Bradford Canyon Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Teresa Thompson

for Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Bradford Canyon Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/22/01

RECEIVED

JUN 25 2001

DIVISION OF
OIL, GAS AND MINING

Results of query for MMS Account Number 8910204000

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quart
Production	4303730799	DUNCAN OIL INCORPORATED	1-23 BRADFORD CANYON	PGW	UTU12942	8910204000	37S	24E	23	NESW
Production	4303731021	PETRAL EXPLORATION LLC	2-23 BRADFORD CYN UN	ABD	UTU12942	8910204000	37S	24E	23	SWNW

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

RECEIVED

JUN 25 2001

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU14236

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

Bradford Canyon 1-22

2. NAME OF OPERATOR:

Holcomb Oil and Gas, Inc.

9. API NUMBER:

4303730709 30850

3. ADDRESS OF OPERATOR:

PO Box 2058 CITY Farmington STATE NM ZIP 87499-2058

PHONE NUMBER:

(505) 326-0550

10. FIELD AND POOL, OR WILDCAT:

Bradford Cyn

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1990 FS, 1600FW

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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.

Holcomb Oil and Gas, Inc. purchased the above well from Raymond T. Duncan.

NAME (PLEASE PRINT) W.J. Holcomb

TITLE President

SIGNATURE 

DATE 9/6/2001

(This space for State use only)

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 _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: 8910204000
2. NAME OF OPERATOR: Holcomb Oil and Gas, Inc.		8. WELL NAME and NUMBER: Bradford Canyon 1-23
3. ADDRESS OF OPERATOR: PO Box 2058 CITY Farmington STATE NM ZIP 87499-2058		9. API NUMBER: 4303730799
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590 FN, 1000 FE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 23 37S 24E		10. FIELD AND POOL, OR WILDCAT: Bradford Cyn 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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.
Holcomb Oil and Gas, Inc. purchased the above well from Raymond T. Duncan.

NAME (PLEASE PRINT) W.J. Holcomb TITLE President
SIGNATURE  DATE 9/6/2001

(This space for State use only)

5. LEASE DESIGNATION AND SERIAL NUMBER:

U-14236

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OR CA AGREEMENT NAME:

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 _____

8. WELL NAME and NUMBER:
Bradford Canyon 1-22

2. NAME OF OPERATOR:
Duncan Oil, Inc.

9. API NUMBER:
4303730850

3. ADDRESS OF OPERATOR:
1777 S. Harrison, P-1 CITY Denver STATE CO ZIP 80210

PHONE NUMBER:
(303) 759-3303

10. FIELD AND POOL, OR WILDCAT:
Bradford Canyon

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 550' FNL & 1000' FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E

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 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 checked="" 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 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.

Duncan Oil, Inc. sold the subject well December 1, 2000 to:

Holcomb Oil & Gas
P O Box 2058
Farmington NM 87499

NAME (PLEASE PRINT) Brenda Kelsch

TITLE Production Technician

SIGNATURE 

DATE 9/5/2001

(This space for State use only)

RECEIVED

SEP 10 2001

(5/2000)

(See Instructions on Reverse Side)

DIVISION OF
OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-12942

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:
8910204000

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Bradford Canyon Federal 1-23

2. NAME OF OPERATOR:
Duncan Oil, Inc.

9. API NUMBER:
4303730799

3. ADDRESS OF OPERATOR:
1777 S. Harrison, P-1 CITY Denver STATE CO ZIP 80210

PHONE NUMBER:
(303) 759-3303

10. FIELD AND POOL, OR WILDCAT:
Bradford Canyon

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1990' FSL & 1680' FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 23 37S 24E

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 checked="" 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 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.

Duncan Oil, Inc. sold the subject well December 1, 2000 to:

Holcomb Oil & Gas
P O Box 2058
Farmington NM 87499

NAME (PLEASE PRINT) Brenda Kelsch

TITLE Production Technician

SIGNATURE



DATE 9/5/2001

(This space for State use only)

RECEIVED

SEP 10 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-14236

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

7. If Unit or CA, Agreement Designation
Bradford Canyon Un

8. Well Name and No.
Bradford Canyon
Federal 1-22

9. API Well No.
43-037-30850

10. Field and Pool, or Exploratory Area

11. County or Parish, State
San Juan Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Holcomb Oil and Gas, Inc.

3. Address and Telephone No.
P.O. Box 2058, Farmington, NM 87499 (505)326-0550

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 22-37S-24E
550' FNL, 1000' FEL
590

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

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

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

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

This is to notify and request permission to vent gas on the referenced well due to Aneth Plant shut-down as notified by Western Gas Resources due to pipeline failure. Once plant is back on line, we will no longer vent gas. (Anticipated date is October 15, 2001)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 9/17/01
By: [Signature]
Ext. Oct 15, 2001

CC: State of Utah

COPY SENT TO OPERATOR
Date: 9-17-01
Initials: [Signature]

RECEIVED

SEP 17 2001

DIVISION OF
OIL, GAS AND MINING

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

Signed W. J. Holcomb (operator)
(This space for Federal or State office use)

Title W. J. Holcomb, Operator

Date 9/7/01

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Bradford Canyon
Federal 1-22
 (Loc.) Sec Twp Rng.
 (API No.) 43-037-30850

Suspense
 (Return Date) _____
 (To-Initials) _____

Other

1. Date of Phone Call: 9/12/01 Time: 9:50

2. DOGM Employee (name) Dustin Doucet (Initiated Call)
 Talked to:
 Name Wayne Townsend (Initiated Call) - Phone No. (505) 599 6359
 of (Company/Organization) BLM

3. Topic of Conversation: Gas Flaring in Aneth area - bad western
Gas Resources Pipeline ^{de to}

4. Highlights of Conversation: Wayne has had several meetings with
Navajo Nation, Navajo EPA, Navajo minerals, Navajo Health and Human Services,
the Department of Justice, US EPA, Texaco, Exxon-Mobil, western Gas & the
Red Mesa & Aneth chapters. 12.5 miles of pipeline (downstream from
Aneth Plant) no good. Options: a) rebuild 12.5 miles of pipeline - Row expires
2005 western's renegotiate with Navajo to extend Row was denied [man choice], 1 month
to rebuild once OK given from Navajo etc. b) Use 20" Questar oil pipeline [1950's - 1990]
c) Use 6" Conoco Line - convert to gas and truck liquids from plant - talks broke down 9/10.
Everyone in agreement to keep wells producing - some verbal complaints from public, nothing
in writing yet. Red Mesa & Aneth chapters wanted full shut-in. Current plan: EPA sending
letter today to flare gas thru plant (gas will be metered). The gas will be counted as
cost gas - no royalty due - because out of control of companies (producers). H₂S and other
safety monitors will be set up around plant and monitor health risks, etc. BLM
has approved all flaring until Oct. 15, 2001 associated w/ this matter. Probably
won't be back into operation before then though.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **12-01-2000**

FROM: (Old Operator):
DUNCAN OIL INC
Address: 1777 S. HARRISON, P-1
DENVER, CO 80210
Phone: 1-(303)-759-3303
Account N6980

TO: (New Operator):
HOLCOMB OIL AND GAS INC
Address: P O BOX 2058
FARMINGTON, NM 87499-2058
Phone: 1-(505)-326-0550
Account N0455

CA No.

Unit: BRADFORD CANYON

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BRADFORD CANYON FEDERAL 1-22	43-037-30850	547	22-37S-24E	FEDERAL	OW	P
BRADFORD CANYON FEDERAL 1-23	43-037-30799	547	23-37S-24E	FEDERAL	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 09/10/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 09/11/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 09/11/2001
- Is the new operator registered in the State of Utah: YES Business Number: 1288560-0143
- If **NO**, the operator was contacted on: N/A
- 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: N/A
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 06/22/2001

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** 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: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 09/11/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/11/2001

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: 1227

FILMING:

1. All attachments to this form have been **MICROFILMED** on:

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FILE

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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 Other

2. Name of Operator
Holcomb Oil and Gas, Inc.

3a. Address **87449-2058**
P.O. Box 2058, Farmington, NM

3b. Phone No. (include area code)
(505) 326-0550

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 22-37S-24E
590' FNL, 1000' FEL

5. Lease Serial No.
U-14236

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

7. If Unit or CA/Agreement, Name and/or No.
Bradford Canyon Unit

8. Well Name and No. **Bradford Canyon Federal 1-22**

9. API Well No.
43-037-30850

10. Field and Pool, or Exploratory Area

11. County or Parish, State
San Juan Utah

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

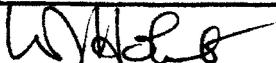
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please be advised that as of Tuesday, November 20, 2001 the referenced well will be put back on line for gas sales through Western Gas Resources repaired gas line.

CC: State of Utah

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

Name (Printed/Typed) W. J. Holcomb	Title President
Signature 	Date 11/19/01

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	NOV 23 2001

RECEIVED

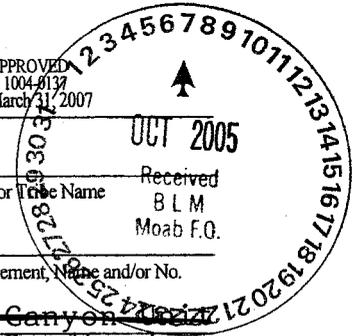
DIVISION OF OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007



5. Lease Serial No.
U-14236

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

7. If Unit or CA/Agreement, Name and/or No.
~~Bradford Canyon~~

8. Well Name and No.
Bradford Canyon Federal 1-22

9. API Well No.
43-037-30850

10. Field and Pool, or Exploratory Area

11. County or Parish, State
San Juan, Utah

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Holcomb Oil and Gas, Inc.

3a. Address
P. O. Box 2058
Farmington, NM 87499

3b. Phone No. (include area code)
(505)326-0550

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 22: 37S-24E
590' FNL, 1000' FEL

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This is to notify you of change of operator from "Duncan" to Holcomb Oil and Gas, Inc. effective June 22, 2001.

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

Name (Printed/Typed) W. J. Holcomb Title President

Signature *WJ Holcomb* Date 10/4/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title Division of Resources Date OCT - 7 2005

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 Moab Field 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)
CC: UDO&M 10/7/05

Conditions Attached

OCT 14 2005

Holcomb Oil and Gas, Inc.
Well No. Bradford Canyon 1-22
Section 22, T37S, R24E
Lease UTU14236
San Juan County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of this application 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.

Be advised that Holcomb Oil and Gas, Inc. is considered to be the operator of the above well effective June 22, 2001, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1227 (Principal –Holcomb Oil and Gas, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.

OCT 14 2005

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2006**

FROM: (Old Operator): N0455-Holcomb Oil & Gas, Inc. PO Box 2058 Farmington, NM 87499 Phone: 1 (505) 326-0550	TO: (New Operator): N2520-D J Simmons, Inc. 1009 Ridgeway Pl Farmington, NM 87401-2092 Phone: 1 (505) 326-3753
---------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

CA No. Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BRADFORD CYN FED 1-22	22	370S	240E	4303730850	548	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/28/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/25/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/28/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1231074-0143
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/21/2006 BIA
7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/28/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/28/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000048
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: U-14236
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: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: DJ Simmons, Inc.		8. WELL NAME and NUMBER: Bradford Canyon 1-22
3. ADDRESS OF OPERATOR: 1009 Ridgeway Place CITY Farmington STATE NM ZIP 874012092	PHONE NUMBER: (505) 326-3753	9. API NUMBER: 4303730850
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590 FNL., 1000 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 23 37S 24E		10. FIELD AND POOL, OR WILDCAT: Desert Creek 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"/> 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 checked="" 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.

This is to notify you of the change of operator from the Holcomb Oil and Gas Company, Inc. to DJ Simmons, Inc. regarding the above mentioned well, effective June 1, 2006. The above mentioned well will be covered by bond # UTB 000048.

RECEIVED
OCT 02 2006
DIV. OF OIL, GAS & MINING
faxed 9/25/06

NAME (PLEASE PRINT) <u>John A. Byrom</u>	TITLE <u>President</u>
SIGNATURE <u><i>John A. Byrom</i></u>	DATE <u>9/25/2006</u>

(This space for State use only)

APPROVED 9128106
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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:
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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UTU14236
2. NAME OF OPERATOR: Holcomb Oil and Gas, Inc. <i>NO455</i>		8. WELL NAME and NUMBER: Bradford Canyon 1-22
3. ADDRESS OF OPERATOR: PO Box 2058 CITY Farmington STATE NM ZIP 87499		9. API NUMBER: 4303730850
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590' FNL 1000' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E		10. FIELD AND POOL, OR WILDCAT: ISMY 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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.
Change of Operator effective June 1, 2006, from Holcomb Oil and Gas, Inc. to DJ Simmons, Inc.

NAME (PLEASE PRINT) <u>WJ Holcomb</u>	TITLE <u>President</u>
SIGNATURE <u><i>WJ Holcomb</i></u>	DATE <u>9/25/2006</u>

(This space for State use only)

APPROVED 9128106
Earlene Russell
 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
SEP 28 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Gas Other

2. Name of Operator
D.J. Simmons Inc.

3. Address and Telephone No.
1009 Ridgeway Place, Suite 200, Farmington NM 87401 (505) 326-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface: 590' FNL x 1000' FEL, Section 22, T37S, R24E

5. Lease Designation and Serial No.
U-14236

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Bradford Canyon Federal 1-22

9. API Well No.
43-037-30850

10. Field and Pool, or Exploratory Area
Desert Creek

11. County or Parish, State
San Juan, UT

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

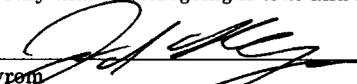
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

This is to notify you of the change of operator from Holcomb Oil and Gas, Inc. to DJ Simmons, Inc. effective June 1, 2006. The above mentioned well will be covered by bond number UTB000048.

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

Signed  Title President Date: 08/07/06
John A. Byron

(This space for Federal or State office use)

Approved by ACCEPTED Title Division of Resources Moab Field Office Date 8/17/06
Conditions of approval, if any:

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

*See Instruction on Reverse Side

cc: UBODGM *clerk*

Conditions Attached

RECORDED
AUG 21 2006

D.J. Simmons Inc.
Well No. 1-22
Section 22, T37S, R24E
Lease UTU14236
San Juan County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of this application 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.

Be advised that D.J. Simmons, Inc. is considered to be the operator of the above well effective June 1, 2006, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UTB000048 (Principal – D.J. Simmons, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-14236

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:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Bradford Canyon Federal 1-22

2. NAME OF OPERATOR:
DJ Simmons, Inc.

9. API NUMBER:
430373085- 30850

3. ADDRESS OF OPERATOR:
1009 Ridgeway Place CITY **Farmington** STATE **NM** ZIP **87401**
PHONE NUMBER: **(505) 326-3753**

10. FIELD AND POOL, OR WILDCAT:
Desert Creek

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **590' FNL x 1000' FEL**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 22 37S 24E**

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: <u>10/30/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>See below</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.

D.J. Simmons, Inc., intends to remove and replace existing down hole pump assembly. There will be no pits required during this operation. Approx. start date, Oct 30, 2006.

COPY SENT TO OPERATOR
Date: 10/25/06
Initials: RM

NAME (PLEASE PRINT) John A. Byrom TITLE President
SIGNATURE [Signature] DATE 10/16/2006

(This space for State use only)

Accepted by
**Utah Division of
Oil, Gas and Mining**

Federal Approval Of This
Action Is Necessary

RECEIVED
OCT 19 2006

(5/2000)

By: [Signature] 10/24/06

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Gas Other

2. Name of Operator
 D.J. Simmons Inc.

3. Address and Telephone No.
 1009 Ridgeway Place, Suite 200, Farmington NM 87401 (505) 326-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 Surface: 590' FNL x 1000' FEL, Section 22, T37S, R24E

5. Lease Designation and Serial No.
 U-14236

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 Bradford Canyon Federal 1-22

9. API Well No.
 43-037-30850

10. Field and Pool, or Exploratory Area
 Bradford Canyon

11. County or Parish, State
 San Juan, UT

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

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

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

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

DJ Simmons, Inc. intends to recomplate the subject well to the lower Ismay, Upper Ismay and Hermosa formations according to the attached procedure and well bore diagram. Estimated start date February 1, 2008

RECEIVED

DEC 24 2007

DIV. OF OIL, GAS & MINING

Date: 12/14/07

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

Signed Rodney L. Seale Title Operations Manager

(This space for Federal or State office use)

Approved by _____ Federal Approval Of This _____ Date _____
Conditions of approval, if any: _____ Action Is Necessary

Accepted by the
Utah Division of
Oil, Gas and Mining

12/3/2008

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

*See Instruction on Reverse Side

COPY SENT TO OPERATOR
Date: 1-7-2008
Initials: KS

Bradford Canyon No. 1-22
Recompletion Procedure
November 28, 2007

- Cement squeeze under a cement retainer the Upper Ismay perforations from 5594' to 5654' with 150sx cement.
- Drill out cement and pressure test casing and perforations to 500psi.
- Run cement bond log from 5750' plug back total depth to top of cement or the intermediate casing shoe at 2500' which ever is the deepest depth.
- Perforate Lower Ismay & adjacent shale from 5783' to 5824'.
- Sand water foam frac Lower Ismay & adjacent shale from 5783' to 5824' with 15,000 gallons, 785,000 scf nitrogen and 75,000 pounds 20/40 mesh sand.
- Flowback and test perforations for productivity.
- Temporarily abandon the Lower Ismay and adjacent shale with a cast iron bridge plug set at 5570'.
- Perforate Upper Ismay over selectively over 5312' to 5496'.
- Test the selected zones and acidize or frac as indicated with 20,000 gallons nitrogen foamed water using 1.2 million scf of nitrogen and 130,000 pounds of 20/40 mesh sand.
- Flowback and test perforations for productivity.
- Temporarily abandon the Upper Ismay with a cast iron bridge plug set at 5300'.
- Perforate the Hermosa section selectively over 5120' to 5248'.
- Test the selected zones and acidize or frac as indicated with 18,000 gallons nitrogen foamed water using 1 million scf of nitrogen and 110,000 pounds of 20/40 mesh sand.
- Flowback and test perforations for productivity.
- Drill out the temporary cast iron bridge plugs at 5300' and 5570'.
- Clean up zones.
- Run production tubing and return well to active status.

Bradford #1-22

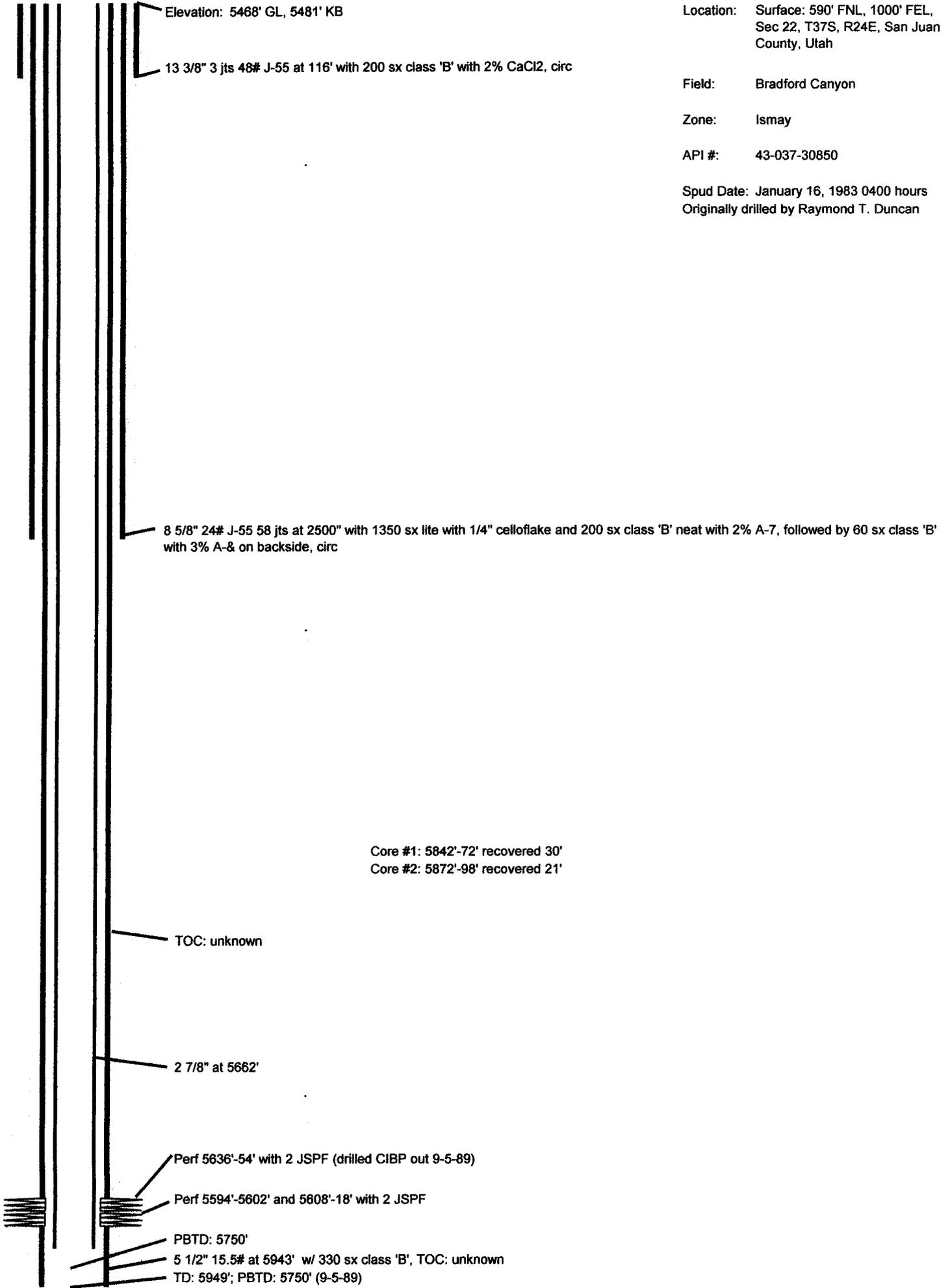
Location: Surface: 590' FNL, 1000' FEL,
 Sec 22, T37S, R24E, San Juan
 County, Utah

Field: Bradford Canyon

Zone: Ismay

API #: 43-037-30850

Spud Date: January 16, 1983 0400 hours
 Originally drilled by Raymond T. Duncan



Acidize 5636'-54' with 3250 gal 15% HCl
 Acidize 5594'-5618' with 2800 gal 15% HCl
 4/16/1988 Converted to rod pump
 Pump Changes: 9/5/89, 6/1/91, 1/7/99, 4/14/03, 11/29/06

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 checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-14236
2. NAME OF OPERATOR: DJ Simmons, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1009 Ridgeway Place CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590' FNL x 1000' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E		8. WELL NAME and NUMBER: Bradford Canyon Federal 1-22
PHONE NUMBER: (505) 326-3753		9. API NUMBER: 4303730850
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Bradford Canyon
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2/1/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<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: <u>See below</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" 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., intends to recomplete the subject well to the lower Ismay, Upper Ismay and Hermosa, formations according to the attached procedure and well bore diagram. Estimated start date February 1, 2008.

RECEIVED

DEC 24 2007

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 1-7-2008
Initials: KS

NAME (PLEASE PRINT) Rodney L. Seale TITLE Operations Manager
 SIGNATURE Rodney L. Seale DATE 12/18/2007

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 1/3/2008
By: [Signature]
(See Instructions on Reverse Side)

Bradford Canyon No. 1-22
Recompletion Procedure
November 28, 2007

- Cement squeeze under a cement retainer the Upper Ismay perforations from 5594' to 5654' with 150sx cement.
- Drill out cement and pressure test casing and perforations to 500psi.
- Run cement bond log from 5750' plug back total depth to top of cement or the intermediate casing shoe at 2500' which ever is the deepest depth.
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- Flowback and test perforations for productivity.
- Drill out the temporary cast iron bridge plugs at 5300' and 5570'.
- Clean up zones.
- Run production tubing and return well to active status.



Bradford #1-22

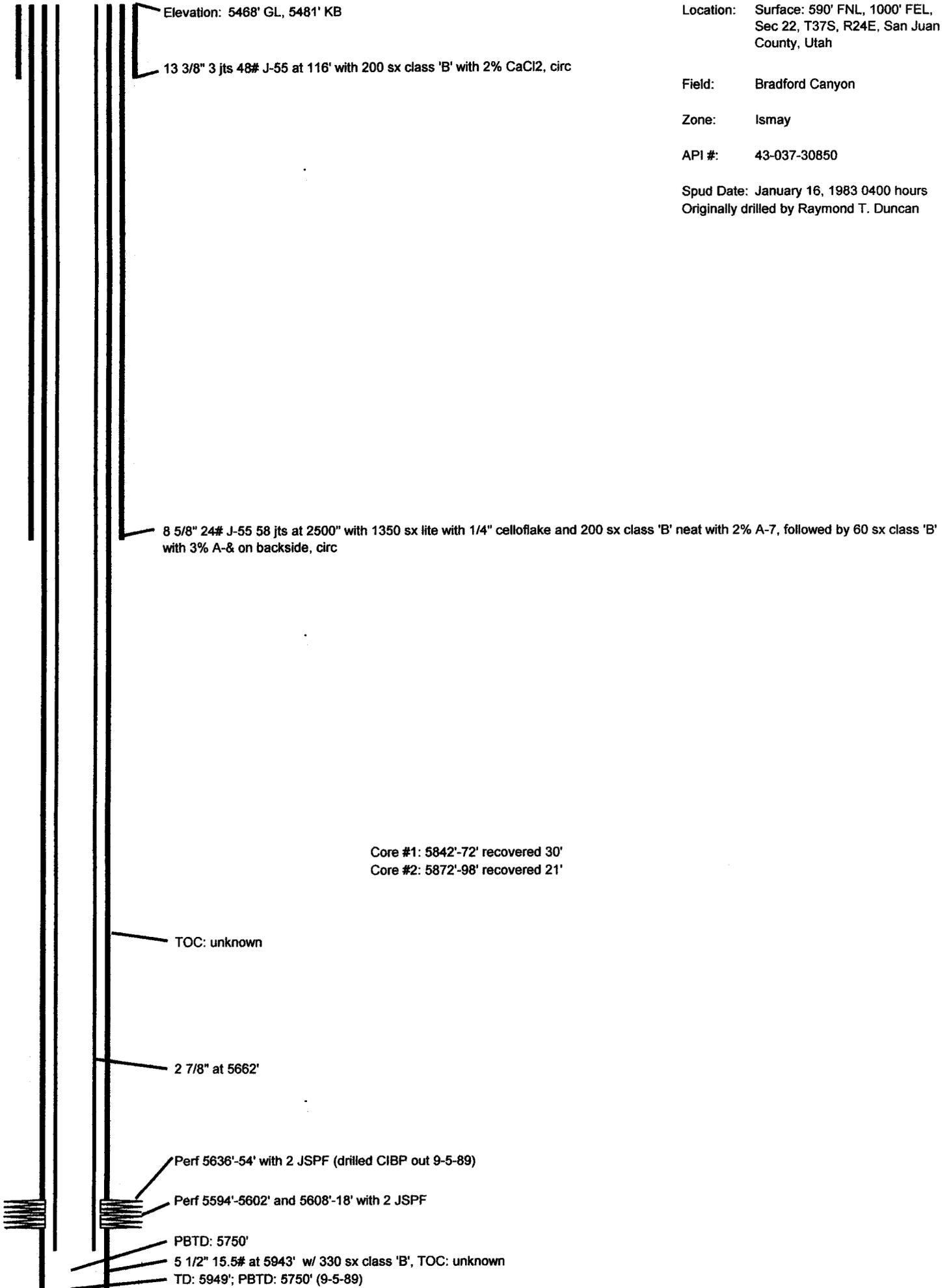
Location: Surface: 590' FNL, 1000' FEL,
 Sec 22, T37S, R24E, San Juan
 County, Utah

Field: Bradford Canyon

Zone: Ismay

API #: 43-037-30850

Spud Date: January 16, 1983 0400 hours
 Originally drilled by Raymond T. Duncan



Acidize 5636'-54' with 3250 gal 15% HCl
 Acidize 5594'-5618' with 2800 gal 15% HCl
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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		5. LEASE DESIGNATION AND SERIAL NUMBER: U-14236
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Bradford Canyon
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Bradford Canyon Federal 1-22
2. NAME OF OPERATOR: DJ Simmons, Inc.		9. API NUMBER: 4303730850
3. ADDRESS OF OPERATOR: 1009 Ridgeway Place CITY Farmington STATE NM ZIP 87401		PHONE NUMBER: (505) 326-3753
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590' FNL x 1000' FEL		10. FIELD AND POOL, OR WILDCAT: Desert Creek
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E		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 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: 11/14/2006	<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: <u>See below</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.

D.J. Simmons, Inc., replaced existing down hole pump assembly and put well back on line, November 14, 2006. No pits where required during this operation.

NAME (PLEASE PRINT) <u>Rodney L. Seale</u>	TITLE <u>Operations Manager</u>
SIGNATURE <u><i>Rodney L. Seale</i></u>	DATE <u>1/4/2006</u>

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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 _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-14236
2. NAME OF OPERATOR: D J Simmons, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1009 Ridgeway Pl, Suite 200 CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590' FNL x 1000' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E		8. WELL NAME and NUMBER: Bradford Canyon Federal 1-22
PHONE NUMBER: (505) 326-3753		9. API NUMBER: 4303730850
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Bradford Canyon
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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

D.J. Simmons Bradford Canyon Federal 1-22 is still in the re-completion process per Sundry Notice dated 12/14/07 and approved 1/16/08. At this time we have no target date as to when this well's re-completion will be finished.

NAME (PLEASE PRINT) <u>Steve Sacks</u>	TITLE <u>Permitting Specialist</u>
SIGNATURE	DATE <u>9/24/2008</u>

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SEP 29 2008
DIV. OF OIL, GAS & MINING

Bradford Canyon Federal 1-22
Recompletion Data
September 24, 2008

- Elevation 5488'GR, 5481'KB;
- 13 3/8" STC 48# at 116' wih 200 sx class 'B' w/ 2% CaC12, circ
- TOC, Stringers to 2480' & Solid cement to 4512' by CBL run on 5/9/2008;
- 8 5/8" 24# J-55 CSA 2500' with 1350 sx lite with 1/4# celloflake and 200 sx class 'B' neat with 2% A-7, followed by 60 sx class 'B' with 3% A-7 on backside, circ;
- 5/3/2008: TD, 5949', PBDT 5914' by drilling on 5/3/2008;
- 5 1/2" 15.5# at 5943' w/ 330 sx class 'B', TOC: 4512' by CBL on 5/9/2008; PBDT, 5914' by drilling on 5/3/2008;
- 5/6/2008: Perf 2 JSPF over 5594-5602, 5608-18 & 5636-54; Squeeze 5594-5654 w/ 150sx to 4995 psi on 5/9/2008;
- 5/13/08: Section mill 5773'-5822', frac with x-link water, 150.000# 40/70 sand at 35BPM;
- 6/26/08: Set CIBP at 5450' with 2 sx cement on top;
- Perf 4 JSPF over 5392'-5406' (60 shots);
- 6/27/2008: Acidize 5392'-5406' with 6,000 gal 15% HCl;
- 7/1/2008: Set CIBP at 5450' with 1 1/2sx cement on top;
- 7/2/2008: Perf 4 JSPF over 5358'-5372' (60 shots);
- 7/3/2008: Acidize 5358'-72' with 6,000 gal 15% HCl;
- 7/9/2008: Set CIBP at 5307' with 2sx cement on top;
- 7/9/2008: Perf 4 JSPF over 5230'-48' (76 shots);
- 7/10/2008: Acidize 5230'-48' (76 shots);
- 7/16/2008: Set CIBP at 5210' with 2sx cement on tip;
- 7/16/2008: Perf 4 JSFP over 5120'-39' (76 shots);
- 7/16/2008: Break down 5120'-39' with 2,000 gal 3% KCl water;
- 7/24/2008: Frac 5120'-39' with 270 bblx-link water, 43,000# 16/30 MH SN, 411,850 SCF nitrogen at 35 BPM;
- 8/5/2008: Reperf 4 JSPF over 5120'-39' (76 shots);
- 8/6/2008: Refrac 5120'-39' with 1270 bbl slick water, 55,000# 30/50 MH SN at 35 BPM;
- 8/28/2008: Set CIBP at 5050' with 2sx cement on top;
- 8/28/2008: Perf 4 JSPF over 4552'-62' (44 shots);
- 8/28/2008: Break down 4552'-62' with 2,000 gal 3% KCl water;
- 9/4/2008: Frac 4552'-62' 1176 bbl slick water, 60,180\$# 30/50 MH SN at 35 BPM;
- 9/16/2008: Land 2 7/8" tubing at 4602' with BP, 1 jt, PS, SN, 2 jts, TAC, 145 jts.

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DIV. OF OIL, GAS & MINING



Bradford Canyon No. 1-22

Location: Surface: 590' FNL, 1000' FEL,
Sec 22, T37N, R24E, San Juan
County, Utah

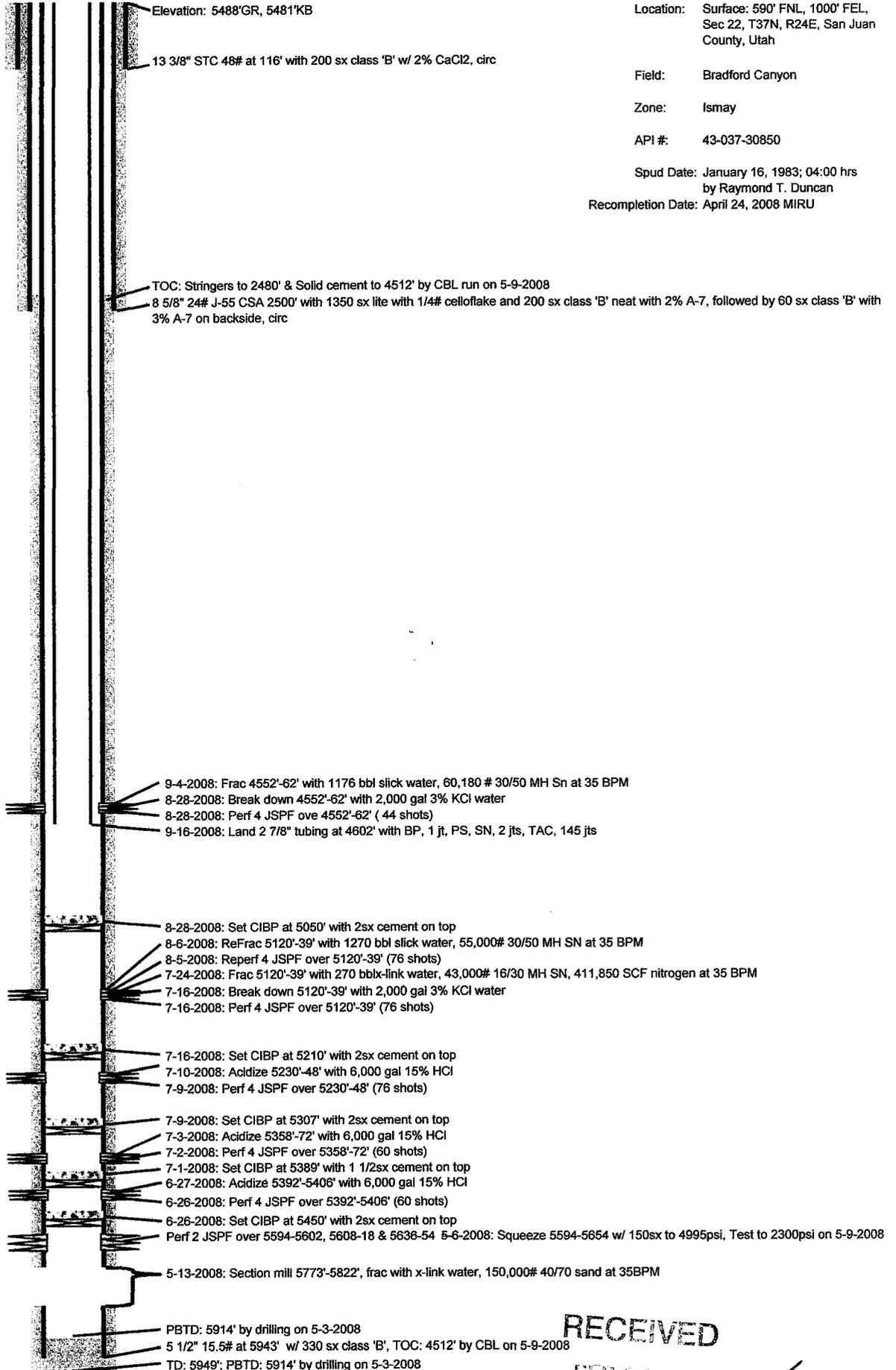
Field: Bradford Canyon

Zone: Ismay

API #: 43-037-30850

Spud Date: January 16, 1983; 04:00 hrs
by Raymond T. Duncan

Recompletion Date: April 24, 2008 MIRU



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DIV. OF OIL, GAS & MINING

Rod Seale
9/24/2008

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER *Recomplete*

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-14236

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

7. UNIT or CA AGREEMENT NAME
N/A

8. WELL NAME and NUMBER:
Bradford Canyon 1-22

9. API NUMBER:
4303730850

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENE 22 37S 24E

12. COUNTY
San Juan

13. STATE
UTAH

2. NAME OF OPERATOR:
DJ Simmons, Inc.

3. ADDRESS OF OPERATOR:
1009 Ridgeway Place CITY Farmington STATE NM ZIP 87401

PHONE NUMBER:
(505) 326-3753

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 590' FNL and 1000' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same as above
AT TOTAL DEPTH: Same as above

14. DATE SPUNDED: 1/16/1983

15. DATE T.D. REACHED: 2/3/1983

16. DATE COMPLETED: 9-16-2008
ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5468' GL

21. DEPTH BRIDGE MD 5,050
PLUG SET: TVD 5,050

18. TOTAL DEPTH: MD 5,946
TVD 5,946

19. PLUG BACK T.D.: MD 5,628
TVD 5,628

20. IF MULTIPLE COMPLETIONS, HOW MANY? *
N/a

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
N/A CBL

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17-1/2"	13-3/8	48	0	116		200	200	Surface	0
12-1/4"	8-5/8	24	110	2,500		60B	0	Surface	0
7-7/8"	5-1/2	15.5	2,500	5,950		6300	0	2480	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	4,802		n/a			N/a		

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) L. Honaker Trail	4,552	4,562		
(B) See Attachment A				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10	0.38	44	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
See attachment A	

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

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31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE: 10/10/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 9	GAS - MCF: 23	WATER - BBL: 10	PROD. METHOD: flow
CHOKE SIZE: Open	TBG. PRESS. 12 PSI	CSG. PRESS. 54 PSI	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 9	GAS - MCF: 23	WATER - BBL: 10	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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 (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Honaker Trail	4,552	4,562	oil, gas & water	Honaker Trail	4,504
				U. Ismay	5,558
				L. Ismay	5,728
				Gothic	5,782
				Desert Creek	5,811

34. FORMATION (Log) MARKERS:

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Rodney L. Seale TITLE Production Manager
 SIGNATURE *Rodney L. Seale* DATE 11/17/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

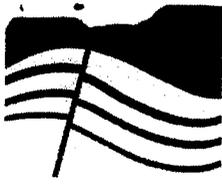
* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Attachment A
Bradford Canyon Federal 1-22
Recompletion Data
November 17, 2008

- Elevation 5488'GR, 5481'KB;
- 13 3/8" STC 48# at 116' wih 200 sx class 'B' w/ 2% CaC12, circ
- TOC, Stringers to 2480' & Solid cement to 4512' by CBL run on 5/9/2008;
- 8 5/8" 24# J-55 CSA 2500' with 1350 sx lite with 1/4# celloflake and 200 sx class 'B' neat with 2% A-7, followed by 60 sx class 'B' with 3% A-7 on backside, circ;
- 5/3/2008: TD, 5949', PBTd 5914' by drilling on 5/3/2008;
- 5 1/2" 15.5# at 5943' w/ 330 sx class 'B', TOC: 4512' by CBL on 5/9/2008; PBTd, 5914' by drilling on 5/3/2008;
- 5/6/2008: Perf 2 JSPF over 5594-5602, 5608-18 & 5636-54; Squeeze 5594-5654 w/ 150sx to 4995 psi on 5/9/2008, Upper Ismay;
- 5/13/08: Section mill 5773'-5822', frac with x-link water, 150.000# 40/70 sand at 35BPM;
- 6/26/08: Set CIBP at 5450' with 2 sx cement on top;
- Perf 4 JSPF over 5392'-5406' (60 shots), L. Honaker Trail;
- 6/27/2008: Acidize 5392'-5406' with 6,000 gal 15% HCl;
- 7/1/2008: Set CIBP at 5450' with 1 1/2sx cement on top;
- 7/2/2008: Perf 4 JSPF over 5358'-5372' (60 shots), L. Honaker Trail;
- 7/3/2008: Acidize 5358'-72' with 6,000 gal 15% HCl;
- 7/9/2008: Set CIBP at 5307' with 2sx cement on top;
- 7/9/2008: Perf 4 JSPF over 5230'-48' (76 shots), L Honaker Trail;
- 7/10/2008: Acidize 5230'-48' (76 shots);
- 7/16/2008: Set CIBP at 5210' with 2sx cement on tip, L. Honaker Trail;
- 7/16/2008: Perf 4 JSFP over 5120'-39' (76 shots);
- 7/16/2008: Break down 5120'-39' with 2,000 gal 3% KCl water;
- 7/24/2008: Frac 5120'-39' with 270 bblx-link water, 43,000# 16/30 MH SN, 411,850 SCF nitrogen at 35 BPM;
- 8/5/2008: Reperf 4 JSPF over 5120'-39' (76 shots);
- 8/6/2008: Refrac 5120'-39' with 1270 bbl slick water, 55,000# 30/50 MH SN at 35 BPM;
- 8/28/2008: Set CIBP at 5050' with 2sx cement on top;
- 8/28/2008: Perf 4 JSPF over 4552'-62' (44 shots), U. Honaker Trail;
- 8/28/2008: Break down 4552'-62' with 2,000 gal 3% KCl water;
- 9/4/2008: Frac 4552'-62' 1176 bbl slick water, 60,180\$# 30/50 MH SN at 35 BPM;
- 9/16/2008: Land 2 7/8" tubing at 4602' with BP, 1 jt, PS, SN, 2 jts, TAC, 145 jts.



DJ SIMMONS, INC.

Bradford Canyon No. 1-22

Elevation: 5488'GR, 5481'KB

Location: Surface: 590' FNL, 1000' FEL,
Sec 22, T37N, R24E, San Juan
County, Utah

Field: Bradford Canyon

Zone: Ismay

API #: 43-037-30850

Spud Date: January 16, 1983; 04:00 hrs
by Raymond T. Duncan
Recompletion Date: April 24, 2008 MIRU

13 3/8" STC 48# at 116' with 200 sx class 'B' w/ 2% CaCl₂, circ

TOC: Stringers to 2480' & Solid cement to 4512' by CBL run on 5-9-2008

8 5/8" 24# J-55 CSA 2500' with 1350 sx lite with 1/4# celloflake and 200 sx class 'B' neat with 2% A-7, followed by 60 sx class 'B' with 3% A-7 on backside, circ

9-4-2008: Frac 4552'-62' with 1176 bbl slick water, 60,180 # 30/50 MH Sn at 35 BPM

8-28-2008: Break down 4552'-62' with 2,000 gal 3% KCl water

8-28-2008: Perf 4 JSPF ove 4552'-62' (44 shots)

9-16-2008: Land 2 7/8" tubing at 4602' with BP, 1 jt, PS, SN, 2 jts, TAC, 145 jts

8-28-2008: Set CIBP at 5050' with 2sx cement on top

8-6-2008: ReFrac 5120'-39' with 1270 bbl slick water, 55,000# 30/50 MH SN at 35 BPM

8-5-2008: Reperf 4 JSPF over 5120'-39' (76 shots)

7-24-2008: Frac 5120'-39' with 270 bblx-link water, 43,000# 16/30 MH SN, 411,850 SCF nitrogen at 35 BPM

7-16-2008: Break down 5120'-39' with 2,000 gal 3% KCl water

7-16-2008: Perf 4 JSPF over 5120'-39' (76 shots)

7-16-2008: Set CIBP at 5210' with 2sx cement on top

7-10-2008: Acidize 5230'-48' with 6,000 gal 15% HCl

7-9-2008: Perf 4 JSPF over 5230'-48' (76 shots)

7-9-2008: Set CIBP at 5307' with 2sx cement on top

7-3-2008: Acidize 5358'-72' with 6,000 gal 15% HCl

7-2-2008: Perf 4 JSPF over 5358'-72' (60 shots)

7-1-2008: Set CIBP at 5389' with 1 1/2sx cement on top

6-27-2008: Acidize 5392'-5406' with 6,000 gal 15% HCl

6-26-2008: Perf 4 JSPF over 5392'-5406' (60 shots)

6-26-2008: Set CIBP at 5450' with 2sx cement on top

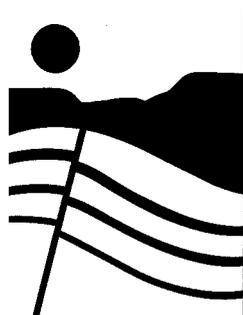
Perf 2 JSPF over 5594-5602, 5608-18 & 5636-54 5-6-2008: Squeeze 5594-5654 w/ 150sx to 4995psi, Test to 2300psi on 5-9-2008

5-13-2008: Section mill 5773'-5822', frac with x-link water, 150,000# 40/70 sand at 35BPM

PBTD: 5914' by drilling on 5-3-2008

5 1/2" 15.5# at 5943' w/ 330 sx class 'B', TOC: 4512' by CBL on 5-9-2008

TD: 5949'; PBTD: 5914' by drilling on 5-3-2008



November 18, 2008

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

Utah Division of Oil, Gas, and Mining
Attention: Ms. Carol Daniels
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84118-5801

RE: Well Completion or Recompletion Report and Log for DJ Simmons, Inc,
Bradford Canyon 1-22, San Juan County, Utah.

Dear Ms. Daniels:

Attached for your review are two copies of the Well Completion or Recompletion Report and Log for the reentry of the Bradford Canyon 1-22 located in Section 22, T37S, R24E, San Juan County, Utah. Also attached is the RADII Sector Log Cement Evaluation Tool Final Print (1) for your review.

I will send you the Daily Completion/Workover Reports hopefully tomorrow (Fed Ex also) for I have to wait until the engineer is available for him to make them available to me for printing out.

Thank you for your time and patience in this matter and if you have any further questions concerning this report please contact Rod Seale at (505) 326-3753 Ext 119.

Sincerely

Steve Sacks
Permitting Specialist
DJ Simmons, Inc.

(505) 326-3753 Ext 127
(505) 486-6516 Cell

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NOV 19 2008

DIV. OF OIL, GAS & MINING

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NOV 18 2008

DIV. OF OIL, GAS & MINING

November 20, 2008

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

Utah Division of Oil, Gas, and Mining
Attention: Ms. Carol Daniels
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84118-5801

RE: Daily Completion/Workover Reports for DJ Simmons, Inc, Bradford Canyon
1-22, San Juan County, Utah.

Dear Ms. Daniels:

43 037 30850

Attached for your review are the Sundry Notice and 114 Daily
Completion/Workover Reports for the reentry of the Bradford Canyon 1-22
located in Section 22, T37S, R24E, San Juan County, Utah.

Thank you for your time and patience in this matter and if you have any further
questions concerning these daily reports please contact Rod Seale at (505) 326-
3753 Ext 119.

Sincerely



Steve Sacks
Permitting Specialist
DJ Simmons, Inc.

(505) 326-3753 Ext 127
(505) 486-6516 Cell

RECEIVED
NOV 25 2008
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		5. LEASE DESIGNATION AND SERIAL NUMBER: U-14236
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: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: DJ Simmons, Inc		8. WELL NAME and NUMBER: Bradford Canyon 1-22
3. ADDRESS OF OPERATOR: 1009 Ridgeway Place CITY Farmington STATE NM ZIP 87401		9. API NUMBER: 4303730850
4. LOCATION OF WELL FOOTAGES AT SURFACE: 590' FNL and 1000' FEL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 37S 24E		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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Daily Completion Reports</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached are all 114 Daily Completion/Workover Reports for the Bradford Canyon 1-22.

NAME (PLEASE PRINT) <u>Craig Starkey</u>	TITLE <u>Land Operations</u>
SIGNATURE	DATE <u>11/20/2008</u>

(This space for State use only)

RECEIVED
NOV 25 2008
DIV. OF OIL, GAS & MINING

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	11
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	May-9-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Run wireline			AM Casing Pres		AFE No	
24 Hr Forecast:	Run bond log, trip in hole with section mill, correlate depth with wireline			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR May-8-08 (Last 24 hrs)
				Perfs: 5694-5664 (squeezed)
5:00	7:00	2:00:00	P	Travel to Location
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting
7:30	16:30	9:00:00	P	PU Jt 173= 5638' drill time 1 hr. Jt 174=5670 1 hr drill. Fell out of cement at 5658', PU Jts to 183 5945' drill junk at PBTD of 5914'. Unload and pin rental pump together. Pump Dirty water back to work tank. Fill rig pit with 3 % KCL. Circulate 130 bbls. L/D 3 jts. Test casing to 2300psi. 15 min. lost 300 psi. 2x. Test satisfactory.
16:30	19:30	3:00:00	P	TOH SLM
19:30	20:00	0:30:00	P	Secure Well SDFN
20:00	22:00	2:00:00	P	Travel to Cortez
22:00				
TOTAL HRS		17:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	0.0							
Lost to well	0.0							
Left to Recover	0.0	0.0	0.0					
RIG DATA: DJ Simmons, Inc Rig #111								
Crew Position		Hours	Crew Member's Name					
Operator		17:00:00	Cisco					
Derrick		17:00:00	Cole					
Floor		17:00:00	Roland					
Floor		17:00:00	Verne					

Daily Cost	\$	Material Movement Summary	EH&S	
Prev Cost	\$		Accidents	No
Cum Cost	\$		Pollution	No
AFE Amount	\$		Safety Meeting	Yes
AFE Balance	\$		Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	14
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	May-14-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Monthly safety meeting at DXP			AM Casing Pres		AFE No	
24 Hr Forecast:	Trip in hole with hole opener			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR May-13-08 (Last 24 hrs)
Perfs: 5694-5654-(squeezed)				
5:00	7:00	2:00:00	P	Travel to Location
7:00	7:30	0:30:00	P	Start and warm up rig and rental pump. Hold safety meeting
7:30	16:00	8:30:00	P	Jt 179= 5816' start milling at 5805'- 5816'. 1 gal polymer sweep circulate clean. PU Jt 180 = 5847' and mill to target depth 5822'. 1 polymer gal sweep. Circulate clean, sweep and clean up hole. L/D 2 jts with power swivel. Work mill blades to release TOH. Mill blades looked pretty good, could cut another 20'-30'.
16:00	16:30	0:30:00	P	Secure Well SDFN.
16:30	19:30	3:00:00	P	Travel to Farmington for monthly safety meeting
19:30				
TOTAL HRS		14:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	0.0							
Lost to well	0.0							
Left to Recover	0.0	0.0	0.0					
RIG DATA:					DJ Simmons, Inc Rig #111			
Crew Position		Hours	Crew Member's Name					
Operator		14:30:00	Cisco					
Derrick		14:30:00	Cole					
Floor		14:30:00	Roland					
Floor		14:30:00	Verne					

Daily Cost	\$	Material Movement Summary	EH&S	
Prev Cost	\$		Accidents	No
Cum Cost	\$		Pollution	No
AFE Amount	\$		Safety Meeting	Yes
AFE Balance	\$		Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	15
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	May-15-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Trip out of hole			AM Casing Pres		AFE No	
24 Hr Forecast:	Trip out of hole w/ under reamer, trip in hole with bit to clean out and circ water			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR May-14-08 (Last 24 hrs)
Perfs: 5594-5654 (squeezed), section mill 5773'-5822'				
7:00	9:30	2:30:00	P	Attend monthly safety meeting in Farmington.
9:30	12:30	3:00:00	P	Travel to Location
12:30	18:00	5:30:00	P	PU 8 1/2" under reamer, TIH start reaming at 5773'-5822', L/D 2 jts pull 1 std.
18:00	18:30	0:30:00	P	Secure Well SDFN.
18:30	20:30	2:00:00	P	Travel to Cortez
20:30				
TOTAL HRS		13:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	0.0							
Lost to well	0.0							
Left to Recover	0.0	0.0	0.0					
RIG DATA: DJ Simmons, Inc Rig #111								
Crew Position		Hours	Crew Member's Name					
Operator		13:30:00	Cisco					
Derrick		13:30:00	Cole					
Floor		13:30:00	Roland					
Floor		13:30:00	Verne					

Daily Cost	\$		Material Movement Summary	EH&S
Prev Cost	\$			Accidents No
Cum Cost	\$			Pollution No
AFE Amount	\$			Safety Meeting Yes
AFE Balance	\$			Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	16
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	May-16-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Inspect derrick			AM Casing Pres		AFE No	
24 Hr Forecast:	Repair derrick and trip in hole with bit and drill pipe			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR May-15-08 (Last 24 hrs)
Perfs: 5694-5664-(squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to Location
7:00	7:30	0:30:00	P	Start and warm up rig.
7:30	13:00	5:30:00	P	TOH L/D under reamer. RD and load up rental pump. Derrick hand notice cracks in derrick. Report to office and will inspect in the a.m.
13:00	17:00	4:00:00	UP	Power wash derrick to clean up for inspection
17:00	17:30	0:30:00	P	Secure Well SDFN.
17:30	19:30	2:00:00	P	Travel to Cortez
19:30				
TOTAL HRS		14:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	0.0							
Lost to well	0.0							
Left to Recover	0.0	0.0	0.0					
RIG DATA:					DJ Simmons, Inc Rig #111			
Crew Position		Hours	Crew Member's Name					
Operator		14:30:00	Cisco					
Derrick		14:30:00	Cole					
Floor		14:30:00	Roland					
Floor		14:30:00	Verne					

Daily Cost		Material Movement Summary		EH&S	
Prev Cost	\$			Accidents	No
Cum Cost	\$			Pollution	No
AFE Amount	\$			Safety Meeting	Yes
AFE Balance	\$			Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	20
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	May-28-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Stand by for frac crew			AM Casing Pres		AFE No	
24 Hr Forecast:	Stand by for frac crew to replace sand. Frac scheduled for May 28, 2008.			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR May-27-08 (Last 24 hrs)
Perfs: 5584-5654 (squeezed), section mill 5773'-5822'				
5:00	8:00	3:00:00	P	Travel to Location
8:00	8:30	0:30:00	P	Start and warm up rig. Hold safety meeting.
8:30	12:30	4:00:00	UP	Frac called off. Did not have the ordered sand 40/70 Brady. Sand will be replaced and frac tomorrow.
12:30	13:00	0:30:00	P	Secure Well SDFN.
13:00	15:00	2:00:00	P	Travel to Cortez
15:00				
TOTAL HRS				10:00:00

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	0.0							
Lost to well	0.0							
Left to Recover	0.0	0.0	0.0					
RIG DATA: DJ Simmons, Inc Rig #111								
Crew Position	Hours	Crew Member's Name						
Operator	10:00:00	Cisco						
Derrick	10:00:00	Roland						
Floor	10:00:00	Verne						
Floor	10:00:00	Jeremiah						
Relief								

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	21
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	May-29-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Stand by for frac crew.			AM Casing Pres		AFE No	
24 Hr Forecast:	Stand by for frac crew prep and reload tanks. Frac scheduled for June 2, 2008.			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR May-28-08 (Last 24 hrs)
Perfs: 5594-5654 (squeezed), section mill 5773-5822				
5:00	7:00	2:00:00	P	Travel to Location
7:00	11:30	4:30:00	P	Start and warm up Frac equipment. Hold safety meeting.
11:30	14:30	3:00:00	T	Sand is now 40/70 Brady. 2000 psi. on back side. Test line to 9199 psi. good test. Formation break at 6464 psi. down to 5700 psi. Stop job because gel not up to spec. Rate bpm and N2 rate was drop to give crew more time to get gal ready, by that time we did not have enough fluid to complete the job. 513 bbl cumulative. ISIP 5000 psi. RU to flow back on 1/8" choke. Open at 14:30 with 3950 psi.
14:30	15:30	1:00:00	T	Open and flow back on 1/8" choke. Recovered 20 bbls, 3100 psi. foam.
15:30	16:30	1:00:00	T	1/8" choke. 35 bbls, 2400 psi.
16:30	17:30	1:00:00	T	1/8" choke. 46 bbls, 1250 psi.
17:30	19:30	2:00:00	T	1/4" choke. 21 bbls, 300 psi.
19:30	20:00	0:30:00	T	1/4" choke. 12 bbls, 200 psi.
20:00	20:30	0:30:00	T	1/4 choke. 1 bbl. 75 100 psi. Open on 2"
20:30	21:00	0:30:00	T	2 " 0 bbls. 0 psi.
21:00	21:30	0:30:00	T	Secure well SDFN.
21:30	23:30	2:00:00	T	Travel to Cortez
23:30				
Refill 3 frac with 3% KCL, 10% methanol and heat. Frac 6-2-08 10:00 a.m.				
TOTAL HRS 18:30:00				

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	135.0							
Lost to well	513.0							
Left to Recover	378.0	0.0	0.0					

RIG DATA: DJ Simmons, Inc Rig #111			
Crew Position	Hours	Crew Member's Name	
Operator	18:30:00	Cisco	
Derrick	18:30:00	Roland	
Floor	18:30:00	Verne	
Floor	18:30:00	Jeremiah	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	22
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-3-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Flowing on 8/64" choke at 1300psi w/ slight sand. No gas.			AM Casing Pres		AFE No	
24 Hr Forecast:	Continue flowback and trip frac string			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-2-08 (Last 24 hrs)
Perfs: 5594-5664 (squeezed), section mill 5773-5822				
5:00	8:00	3:00:00	T	Travel to Location
8:00	11:30	3:30:00	T	Start and warm up Frac equipment. Fuel up. Hold safety meeting.
11:30	17:00	5:30:00	P	Test lines to 9.217 psi. Max pressure 8000 psi. Gel fair to good. Attempt to pump N2 could not because of pop off. Max psi. 7053 psi. Pumped #150,000 40/70 Brady sand out off #165,000. avg psi. avg 34.9 bpm. ISIP 3746. 5 min 3697 psi. 10 min 3632 psi. 15 min 3596 psi. RDMO
17:00	18:00	1:00:00	P	Open and flow back on #8 choke 6/64". At 3250 psi. 8 bbls. Gel, no sand.
18:00	19:00	1:00:00	P	#8 choke (6/64"). 1700 psi. 8 bbls gel, no sand.
19:00	20:00	1:00:00	P	#8 choke (6/64"). 1650 psi. 8 bbls gel, very light sand.
20:00	21:00	1:00:00	P	#8 choke (6/64"). 1750 psi. 9 bbls gel, no sand
21:00	22:00	1:00:00	P	#8 choke (6/64").
22:00	23:00	1:00:00	P	#8 choke (6/64"). Change to 8/64" choke.
23:00	6:00	7:00:00	P	Flowing on 8/64" choke at 47 bbl last hour with slight sand at 1300psi. Recover 176bbl load.
6:00				
TOTAL HRS		24:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	378.0					KB to Ground Level	13.00	13.00
Recovered from well	176.0							
Lost to well	1,264.0							
Left to Recover	1,466.0	0.0	0.0					
RIG DATA: DJ Simmons, Inc Rig #111								
Crew Position		Hours	Crew Member's Name					
Operator		13:00:00	Cisco					
Derrick		13:00:00	Roland					
Floor		13:00:00	Verne					
Floor		13:00:00	Jeremiah					
Relief								

Daily Cost	\$	Material Movement Summary	EH&S	
Prev Cost	\$		Accidents	No
Cum Cost	\$		Pollution	No
AFE Amount	\$		Safety Meeting	Yes
AFE Balance	\$		Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	23
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-4-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed off 750psi overnight pressure with show of gas			AM Casing Pres		AFE No.	
24 Hr Forecast:	Trip frac string			AM Tubing Pres	750	AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-3-08 (Last 24 hrs)			
Perfs: 5694-5664-(squeezed), section mill 5773'-5822'							
6:00	8:00	2:00:00	P	1/8"	2350-1300 psi.	25 bbl.	Gel,sand, foam
8:00	9:00	1:00:00	P	1/8"	1300 psi.	46 bbbls.	Gel,sand,foam
9:00	17:00	8:00:00	P	1/8"	1300- 500 psi	3 bph	gel more water, sand.
17:00	21:00	4:00:00	P	12/64"	500-100 psi.	1/2 bph	water,
21:00	22:00	1:00:00	P	Shut in 1 hr.	100 psi.	open with 300,psi.	Gel
22:00	23:00	1:00:00	P	12/64"	Shut in		
23:00	23:30	0:30:00	P	Travel to Dove creek			
23:30							
TOTAL HRS		17:30:00					

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)				
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth	
Previous Load	1,466.0					KB to	Ground Level	13.00	13.00
Recovered from well	219.0								
Lost to well	0.0								
Left to Recover	1,247.0	0.0	0.0						
RIG DATA:					DJ Simmons, Inc Rig #111				
Crew Position	Hours	Crew Member's Name							
Operator	17:30:00	Cisco							
Derrick	17:30:00	Roland							
Floor	17:30:00	Verne							
Floor	17:30:00	Jeremiah							
Relief									

Daily Cost		Material Movement Summary		EH&S	
Daily Cost	\$			Accidents	No
Prev Cost	\$			Pollution	No
Cum Cost	\$			Safety Meeting	Yes
AFE Amount	\$			Rig Inspection	No
AFE Balance	\$				

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	24
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-5-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Rain has made roads impassable for heavy equipment, unable to get truck to loc			AM Casing Pres		AFE No	
24 Hr Forecast:	Wait on weather			AM Tubing Pres	400	AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-4-08 (Last 24 hrs)
Perfs: 5584-5654 (squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting
7:30	11:00	3:30:00	P	Bled down 750psi 3 1/2" unload 6 bbls. Some gas. Pump 10 bbls to control well release packer. NU TIW valve unload 10 bbls.
11:00	17:00	6:00:00	P	Start laying down 180 jts of 3 1/2" on float. L/D packer. Well kicking with 5 jts in the hole. Change over for 2 7/8" pipe.
17:00	17:30	0:30:00	P	Secure well SDFN
17:30	19:30	2:00:00	P	Travel to yard
19:30				Schedule to move floats in AM.
TOTAL HRS				14:30:00

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	1,247.0					KB to Ground Level	13.00	13.00
Recovered from well	6.0							
Lost to well	0.0							
Left to Recover	1,241.0	0.0	0.0					
RIG DATA:					DJ Simmons, Inc Rig #111			
Crew Position	Hours	Crew Member's Name						
Operator	14:30:00	Cisco						
Derrick	14:30:00	Roland						
Floor	14:30:00	Verne						
Floor	14:30:00	Jeremiah						
Relief	14:30:00	Rylan						

Daily Cost	\$	Material Movement Summary		EH&S	
Prev Cost	\$			Accidents	No
Cum Cost	\$			Pollution	No
AFE Amount	\$			Safety Meeting	Yes
AFE Balance	\$			Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	26
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-7-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Finish trip in hole with workstring			AM Casing Pres	850	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-6-08 (Last 24 hrs)
Perfs: 6694-6664-(squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig
7:30	8:00	0:30:00	P	Bled well down 600psi from casing. No fluid, gassing
8:00	9:30	1:30:00	P	Move out 3 1/2" pipe, move in 2 7/8" float.
9:30	17:00	7:30:00	P	L/D 2 d.c. plugged up. TIH with 3 d.c. stds SLM, rabbit, 2 7/8" EUE. PU 114 jts. Stop to replace tong dies. Pump 100 bbls to work tank out of flow back tank. Water truck too far out. RU to unload well with air at 3621'. 1600 psi. to unload. Recovered 41 bbls.
17:00	17:30	0:30:00	P	Secure well SDFWE
17:30	20:30	3:00:00	P	Travel to Farmington
20:30				
TOTAL HRS		15:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	1,241.0					KB to Ground Level	13.00	13.00
Recovered from well	41.0							
Lost to well	0.0							
Left to Recover	1,200.0	0.0	0.0					
RIG DATA:					DJ Simmons, Inc Rig #111			
Crew Position		Hours	Crew Member's Name					
Operator		15:30:00	Cisco					
Derrick		15:30:00	Roland					
Floor		15:30:00	Veme					
Floor		15:30:00	Jeremiah					
Relief								

Daily Cost	\$		Material Movement Summary	EH&S	
Prev Cost	\$			Accidents	No
Cum Cost	\$			Pollution	No
AFE Amount	\$			Safety Meeting	Yes
AFE Balance	\$			Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	28
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-11-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	In Farmington for monthly safety meeting			AM Casing Pres	550	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-10-08 (Last 24 hrs)
Perfs: 5694-5654 (squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting.
7:30	8:00	0:30:00	P	Bled well down 500psi SICP low because pipe rams did not seal, maybe sand in BOP. Unload at 5030' with air 650 psi. 3bbls
8:00	16:30	8:30:00	P	TIH 12 stds unload at 5355' 6 bbls. RU new tongs. TIH 14 stds 5750' 11bbls. replace 3" nipple at flow back tank. Start air mist, up rust inhibitor 3 gal to 20 bbls pipe scaling up. Stop air, replace washed out 2" nipple at the well head. Make connection 5782' unload 15 bbls. Dry up TOH 14 stds. kick air and mist in to clean BOP, work pipe rams to get seal on pipe. another wash out at flowback tank. well made heavy sand. gassing good. Total today 57 bbls.
16:30	17:00	0:30:00	P	Secure well SDFN
17:00	21:00	4:00:00	P	Travel to Farmington
21:00				
TOTAL HRS		16:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	1,098.0					KB to Ground Level	13.00	13.00
Recovered from well	57.0							
Lost to well	0.0							
Left to Recover	1,041.0	0.0	0.0					

RIG DATA:				DJ Simmons, Inc Rig #111			
Crew Position	Hours	Crew Member's Name		No	Description	Length	Set Depth
Operator	16:00:00	Cisco					
Derrick	16:00:00	Roland					
Floor	16:00:00	Verne					
Floor	16:00:00	Joe					
Relief							

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	29
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-12-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed down 350psi overnight pressure, recover 10bbl water, tag 5' overnight fill @ 5807'			AM Casing Pres	350	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-11-08 (Last 24 hrs)
Perfs: 5694-5654 (squeezed), section mill 5773'-5822'				
7:00	8:00	1:00:00	P	Attend monthly safety meeting in Farmington
8:00	12:00	4:00:00	P	Pick up tees and nipples. Travel to location.
12:00	12:30	0:30:00	P	Start and warm up rig. Hold safety meeting.
12:30	13:00	0:30:00	P	Bled well down from 550psi overnight casing pressure. Unload at 5030'.
13:00	18:30	5:30:00	P	Unload with air at 5030', 7 bbls, replace washed out 2" nipple. TIH 14 stds + 1 jts = 5812', tag fill at 5789', clean out with air, mist. Shut down air replace wash out. TOH 10 stds. Replace and inspect nipples, 2" ball valves, tee's, on both ends. Returns sand and formation.
18:30	19:00	0:30:00	P	Secure well SDFN
19:00	21:00	2:00:00	P	Travel to Cortez
21:00				
TOTAL HRS		14:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	1,041.0					KB to Ground Level	13.00	13.00
Recovered from well	17.0							
Lost to well	0.0							
Left to Recover	1,024.0	0.0	0.0					

RIG DATA:		DJ Simmons, Inc Rig #111	
Crew Position	Hours	Crew Member's Name	
Operator	14:00:00	Cisco	
Derrick	14:00:00	Roland	
Floor	14:00:00	Verne	
Floor	14:00:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	30
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-13-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed down 300psi overnight pressure, rams leaked off some pressure.			AM Casing Pres	300	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-12-08 (Last 24 hrs)
Perfs: 5694-5654-(squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting.
7:30	8:00	0:30:00	P	Bled well down. 350 psi. pipe ram holding. Unload with air at 5530' 10 bbls. Tag 5' overnight fill at 5807'.
8:00	12:00	4:00:00	P	TIH and tag at 5807', 5' new fill. Clean out air and mist. Making sand some coal. Mist pump down. TOH 6 stds.
12:00	14:30	2:30:00	P	Air package mist pump down. Repaired and start up.
14:30	18:00	3:30:00	P	TIH, pick up power swivel. Drill out to 186 = 5812', coal, cement and sand. Dry up well stand back power swivel TOH 6 stds.
18:00	18:30	0:30:00	P	Secure well SDFN.
18:30	20:30	2:00:00	P	Travel to Cortez
20:30				
TOTAL HRS		15:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	1,024.0					KB to Ground Level	13.00	13.00
Recovered from well	15.0							
Lost to well	0.0							
Left to Recover	1,009.0	0.0	0.0					

RIG DATA:		DJ Simmons, Inc Rig #111	
Crew Position	Hours	Crew Member's Name	
Operator	15:30:00	Cisco	
Derrick	15:30:00	Roland	
Floor	15:30:00	Verne	
Floor	15:30:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	33
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-18-08
Objective:	Several Paradox formations	Supervisor:	Sean Duff	Phone:	505-215-9766	RKB -> GR	13.00'
Current Operation:	Bleed off overnight pressure. Tag for fill.			AM Casing Pres	300	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-17-08 (Last 24 hrs)
Perfs: 5594-5654 (squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location.
7:00	8:00	1:00:00	P	Start and warm up rig. Hold safety meeting. SICP = 300psi. Bleed down pressure, no fluid to surface.
8:00	11:30	3:30:00	P	TIH tag @ 5830'. RU power swivel. Unload well with air and mist @ 10 bbls/hr 800psi. 7 bbls fluid from well with good oil show on top. Work tight spot @ 5830'. Samples showed 1/4 cup sand per 5gal bucket.
11:30	16:30	5:00:00	P	MU jt 188 tag fill @ 5865'. Break circulation, clean out with mist to 5883'. Making 2 cups sand per sample slowing to 1/2 cup. MU jt 189 C/O to 5915'. Sample had 3 cups with half formation and half sand down to 1/4 cup. Pump 3 bbl sweep. Brought back 1/4 bucket and slowed to 1/8 cup. Repaired two wash outs.
16:30	17:30	1:00:00	P	Stop air and mist. LD 3 jts with power swivel, tight from 5877' to 5835'. Hang back swivel. TOH 5 stds. Secure well. SDFN
17:30	19:30	2:00:00	P	Travel to Cortez.
19:30				
TOTAL HRS		14:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	946.0					KB to Ground Level	13.00	13.00
Recovered from well	16.0							
Lost to well	0.0							
Left to Recover	930.0	0.0	0.0					

RIG DATA:		DJ Simmons, Inc Rig #111	
Crew Position	Hours	Crew Member's Name	
Operator	14:30:00	Cisco	
Derrick	14:30:00	Roland	
Floor	14:30:00	Verne	
Floor	14:30:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	34
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-19-08
Objective:	Several Paradox formations	Supervisor:	Sean Duff	Phone:	505-215-9766	RKB -> GR	13.00'
Current Operation:	Bleed off overnight pressure. Tag for fill.			AM Casing Pres	300	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-18-08 (Last 24 hrs)
Perfs: 5594-5664-(squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location.
7:00	8:00	1:00:00	P	Start and warm up rig. Hold safety meeting. SICP = 300psi. Bleed down pressure, no fluid to surface.
8:00	9:30	1:30:00	UP	TIH 5 stds. Air pkg went down. TOH 5stds.
9:30	11:00	1:30:00	UP	Work on air pkg.
11:00	12:00	1:00:00	P	Unload well with mist and big compressor down @ 5504'. 1bbl returned with oil show.
12:00	13:30	1:30:00	UP	Standby for mechanic called @ 9am. Left Farmington @ 12:00pm. Shut down for air pkg repairs.
13:30	15:30	2:00:00	P	Secure well. Travel to Cortez.
15:30				
Note: Air hand called me a little after 5pm and told me all problems were fixed and would be ready in the AM. Shut in time will be 15.5 hrs.				
TOTAL HRS		10:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	930.0					KB to Ground Level	13.00	13.00
Recovered from well	1.0							
Lost to well	0.0							
Left to Recover	929.0	0.0	0.0					
RIG DATA: DJ Simmons, Inc Rig #111								
Crew Position		Hours	Crew Member's Name					
Operator		10:30:00	Cisco					
Derrick		10:30:00	Roland					
Floor		10:30:00	Verne					
Floor		10:30:00	Joe					
Relief								

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	35
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-20-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed off overnight pressure. Tag 15' overnight fill at 5905'.			AM Casing Pres	275	AFE No	
24 Hr Forecast:	Clean out well and recover load			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-19-08 (Last 24 hrs)
Perfs: 5694-5664 (squeezed), section mill 5773'-5822'				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting. SICP = 300psi. Bleed well down.
7:30	17:30	10:00:00	P	TIH 6 stds. Tag at 5875'. entered section easy. Clean out with air, 10-12 bbls mist. Returns sand light and some formation. Jt 189=5907' clean out, run 3 bbls sweep. Jt 190=5938', cleaned to PBTD 5920' light sand, some coal. 3 bbls sweep return light. Dry up well TOH 6 stds. Natural flow 1 hr. TIH tag 2' new fill blow around clean up, 3 bbls sweep. some sand. TOH 6 stds. recovered 18 bbls.
17:30	18:00	0:30:00	P	Secure well.
18:00	20:00	2:00:00	P	Travel to Cortez
20:00				
TOTAL HRS		15:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	929.0					KB to Ground Level	13.00	13.00
Recovered from well	18.0							
Lost to well	0.0							
Left to Recover	911.0	0.0	0.0					

RIG DATA:		DJ Simmons, Inc Rig #111	
Crew Position	Hours	Crew Member's Name	
Operator	15:00:00	Cisco	
Derrick	15:00:00	Roland	
Floor	15:00:00	Verne	
Floor	15:00:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	37
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-24-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed down overnight 300psi, tag 13' fill at 5907'.			AM Casing Pres	300	AFE No	
24 Hr Forecast:	Trip out of hole. Stimulate zone with charge. Trip in hole. Clean out. SIFBU.			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-23-08 (Last 24 hrs)
Perfs: 5694-5664 (squeezed), section mill 5773'-5822'				
5:00	8:00	3:00:00	P	Travel to location.
8:00	8:30	0:30:00	P	Start and warm up rig. Hold safety meeting. SICP = 775 psi. Bleed well down.
8:30	14:00	5:30:00	P	TIH tag bridge at 5832', up power swivel clean out 2' bridge with air, mist. Pick up pipe tag fill at 5885', clean out with air, mist 7-10 bph. Pick up jt 196 clean to PBTD 5920'. Recovered 4 bbl.
14:00	17:30	3:30:00	P	MIRU wireline, RU tbg to pump air and mist. Run after frac log 5890'-5300'. RDMO.
17:30	18:00	0:30:00	P	TOH 6 stds.
18:00	18:30	0:30:00	P	Secure well. SDFN.
18:30	20:30	2:00:00	P	Travel to Cortez
20:30				
TOTAL HRS		15:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)				
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth	
Previous Load	896.0					KB to	Ground Level	13.00	13.00
Recovered from well	4.0								
Lost to well	0.0								
Left to Recover	892.0	0.0	0.0						
RIG DATA: DJ Simmons, Inc Rig #111									
Crew Position	Hours	Crew Member's Name							
Operator	15:30:00	Cisco							
Derrick	15:30:00	Roland							
Floor	15:30:00	Verne							
Floor	15:30:00	Joe							
Relief									

Daily Cost	\$	Material Movement Summary	EH&S	
Prev Cost	\$		Accidents	No
Cum Cost	\$		Pollution	No
AFE Amount	\$		Safety Meeting	Yes
AFE Balance	\$		Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.:	39
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-26-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Tag fill at 5815'. Trip out of hole.			AM Casing Pres	200	AFE No	
24 Hr Forecast:	Set CIBP w/ cmt, Perf 5392-5406			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-25-08 (Last 24 hrs)
Perfs: 5594-5654 (squeezed), section mill 5773-5822', CIBP @ 5450' w/ cmt				
5:00	7:00	2:00:00	P	Travel to location.
7:00	9:00	2:00:00	P	Start and warm up rig. Hold safety meeting. SICIP - 200 psi. Bleed well down. MIRU new mist pump.
9:00	12:00	3:00:00	P	TIH tag tag fill at 5815', 2' new fill. TOH. 95 stds.
12:00	14:00	2:00:00	P	MIRU wireline, set 10,000 psi. CIBP at 5450'KB, POOH, run in dump bail 2sx cement on top. POOH.
14:00	17:00	3:00:00	P	TIH 1 jts s.n 89 stds. = 5414'KB. Circulate 140 bbls 3% KCL. Returns clean.
17:00	18:30	1:30:00	P	MIRU acid equipment. Test lines 1200 psi. Pump 10 bbls ahead, 2.38 bbls 15% HCl with additives to cover 5420'-5320' flush 29 bbl. RD.
18:30	20:00	1:30:00	P	TOH
20:00	21:00	1:00:00	P	RU wireline, perforate at 5392'KB-5406'KB with 60 shots. POOH. RDMO.
21:00	21:30	0:30:00	P	Secure well SDFN.
21:30	23:30	2:00:00	P	Travel to Cortez
23:30				
TOTAL HRS		18:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load						KB to Ground Level	13.00	13.00
Recovered from well								
Lost to well								
Left to Recover	0.0	0.0	0.0					
RIG DATA: DJ Simmons, Inc Rig #111								
Crew Position	Hours	Crew Member's Name						
Operator	18:30:00	Cisco						
Derrick	18:30:00	Jeremiah						
Floor	18:30:00	Verne						
Floor	18:30:00	Joe						
Relief								

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	40
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-27-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed off 45psi overnight pressure. IFL: 3500'			AM Casing Pres	45	AFE No	
24 Hr Forecast:	Swab test perfs: 5392-5406			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-26-08 (Last 24 hrs)
Perfs: 5694-5654 (squeezed), section mill 5773'-5822', CIBP @ 5450' w/ cmt, Perf: 5392-5406				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting. Well on vacuum
7:30	10:00	2:30:00	P	TIH with 4' perf sub, 5 1/2" arrow neutral set pkr, s.n. 87.5 stds. Set at 5292'. Load backside 621 psi.
10:00	14:30	4:30:00	P	Hold safety meeting. Start acid job break down at 3740 psi. rate 3.6 bpm. 1000 gal 15% HCL at 1.0 bpm. 2000 gals at 4.0 bpm. 3000 gal drop balls 2 per second 128 total. Rate 7-8 bpm. Locked up at 5225 psi. shut down, formation broke down to 3100 psi. restart 3875 psi. rate 4 bpm. Shut down at 12:36 p.m. ISIP 3747psi. 5 min 331 psi., 10 min 3084 psi. 15 min 3060 psi. Total job volume 158 bbls, flush 33 bbls. RDMO.
14:30	18:30	4:00:00	P	RU to flow back. Open well at 14:45 3100 psi. Flow back 43 bbls. Replace sandline flagging. Made 7 run recovered 26 bbls. Total 69 bbls.
18:30	19:00	0:30:00	P	Secure Well SDFN.
19:00	21:00	2:00:00	P	Travel to Cortez
21:00				
TOTAL HRS		16:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)				
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth	
Previous Load						KB to	Ground Level	13.00	13.00
Recovered from well	69.0								
Lost to well	191.0								
Left to Recover	122.0	0.0	0.0						

RIG DATA:		DJ Simmons, Inc Rig #111	
Crew Position	Hours	Crew Member's Name	
Operator	16:00:00	Cisco	
Derrick	16:00:00	Jeremiah	
Floor	16:00:00	Verne	
Floor	16:00:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No.:	43-037-30850	County:	San Juan County, UT	Report No.:	41
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jun-28-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed off 22psi overnight pressure. IFL: 4500'.			AM Casing Pres	22	AFE No	
24 Hr Forecast:	Abandon: 5392-5406, perf 5358-72, prep to acidize.			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-27-08 (Last 24 hrs)
Perfs: 5594-5654 (squeezed), section mill 5773'-5822', CIBP @ 5450' w/ cmt, Perf: 5392-5406				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting. Bleed down Tbg.
7:30	12:30	5:00:00	P	RU to swab. Tag fluid level at 3490'. Was swab to 4000' yesterday. 4 runs, swabbed back 9.5 bbls. 1 hr build up test, light blow, run in tag no fluid.
12:30	13:30	1:00:00	P	Clean out rig pit.
13:30	14:00	0:30:00	P	Secure Well SDFWE
14:00	18:00	4:00:00	P	Travel to Farmington
18:00				
TOTAL HRS				13:00:00

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	122.0					KB to Ground Level	13.00	13.00
Recovered from well	9.0							
Lost to well	0.0							
Left to Recover	113.0	0.0	0.0					

RIG DATA:				DJ Simmons, Inc Rig #111			
Crew Position	Hours	Crew Member's Name		No	Description	Length	Set Depth
Operator	13:00:00	Cisco					
Derrick	13:00:00	Roland					
Floor	13:00:00	Verne					
Floor	13:00:00	Joe					
Relief							

Daily Cost	\$	Material Movement Summary	EH&S	
Prev Cost	\$		Accidents	No
Cum Cost	\$		Pollution	No
AFE Amount	\$		Safety Meeting	Yes
AFE Balance	\$		Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	42
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jul-1-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Spot acid.			AM Casing Pres		AFE No	
24 Hr Forecast:	Trip out of hole, perf 5358-72, trip in with packer, acidize perms.			AM Tubing Pres		AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jun-30-08 (Last 24 hrs)
Perfs: 5694-5654 (squeezed), section mill 5773'-5822', CIBP @ 5450' w/ cmt, Perf: 5392-5406, CIBP: 5389' w/ cmt.				
5:00	8:00	3:00:00	P	Travel to location.
8:00	8:30	0:30:00	P	Start and warm up rig. Hold safety meeting. Bleed down Tbg.
8:30	12:00	3:30:00	P	RU lubricator, tag fluid at 900'. POOH RD lubricator, RU tongs. Release packer, TOH.
12:00	13:30	1:30:00	P	MIRU wireline. Set CIBP at 5389', POOH, Run in and dump bail 1.5sx cement = 6'on top off CIBP.
13:30	17:30	4:00:00	P	TIH 4 stds d.c. POOH and L/D 8 d.c. jts on float. TIH bit, 89 stds = 5386' did not tag cement, TOH 1 std. RU and break circulation to make sure bit is not plugged. Will circulate clean a.m.
17:30	18:00	0:30:00	P	Secure well SDFN.
18:00	20:00	2:00:00	P	Travel to Cortez
20:00				
TOTAL HRS		15:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	0.0							
Lost to well	0.0							
Left to Recover	0.0	0.0	0.0					

RIG DATA:		DJ Simmons, Inc Rig #111	
Crew Position	Hours	Crew Member's Name	
Operator	15:00:00	Cisco	
Derrick	15:00:00	Roland	
Floor	15:00:00	Verne	
Floor	15:00:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	52
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jul-16-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Over night pressure: 0psi. IFL: 3700'.			AM Casing Pres	0	AFE No	
24 Hr Forecast:	Swab test, trip out of hole, prep to pick up frac string.			AM Tubing Pres	0	AFE \$	795,420

Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jul-15-08 (Last 24 hrs)
				Perfs: 5594-5654-(squeezed), section mill 5773'-5822', CIBP @ 5450' w/ cmt, Perf: 5392-5406, CIBP: 5389' w/ cmt.
				Perfs: 5358-72, CIBP @ 5307' w/ cmt, Perf: 5230'-48', CIBP @ 5210' w/ cmt, Perf: 5120-39
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting.
7:30	9:00	1:30:00	P	MIRU Wireline. Set 10K CIBP at 5210', 2sx cement on top 5200'. POOH.
9:00	13:00	4:00:00	P	TIH opened ended. 85 std 5143'. Reverse circulate clean 26 bbls to break circulation. RU to spot 100 gals 15% HCL with additives across 5150'-5050' KB. 29.5 bbls flush. ND.
13:00	15:00	2:00:00	P	TOH
15:00	15:30	0:30:00	P	RU to preforate 5120'-5139' with 76 shots. RDMO. Blue Jet.
15:30	17:00	1:30:00	P	TIH with DJS packer, set at 5096', 1600 psi on backside. NU to break down with water. Broke at 3400 psi, rate 7.8 bpm. Leveled off at 3300 psi. 6.5 bpm. ISIP 1119 psi. opened well pressure 0. RDMO Frac Tech
17:00	19:00	2:00:00	P	RU to swab. Fluid level 800' in. 8 runs 24 bbls, Tbg dry no sign of gas.
19:00	19:30	0:30:00	P	Secure well. SDFN.
19:30	21:30	2:00:00	P	Travel to Cortez
21:30				
TOTAL HRS		16:30:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	0.0					KB to Ground Level	13.00	13.00
Recovered from well	24.0							
Lost to well	50.0							
Left to Recover	26.0	0.0	0.0					

RIG DATA: DJ Simmons, Inc Rig #111			
Crew Position	Hours	Crew Member's Name	
Operator	16:30:00	Cisco	
Derrick	16:30:00	Roland	
Floor	16:30:00	Verne	
Floor	16:30:00	Joe	
Relief			

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

DAILY COMPLETION / WORKOVER REPORT

Well Name:	Bradford Canyon No. 1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	56
Location:	Sec 22, T37N, R24E	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Jul-24-08
Objective:	Several Paradox formations	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Current Operation:	Bleed off 540psi overnight pressure			AM Casing Pres	0	AFE No	
24 Hr Forecast:	Bleed down, trip frac string, clean out sand			AM Tubing Pres	540	AFE \$	795,420

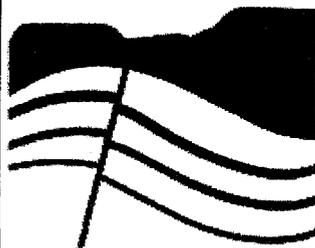
Start	Finish	Hrs	P, UP, T	OPERATION SUMMARY FOR Jul-23-08 (Last 24 hrs)
Perfs: 5594-5654 (squeezed), section mill 5773'-5822', CIBP @ 5450' w/ cmt, Perf: 5392-5406, CIBP: 5389' w/ cmt.				
Perfs: 5358-72, CIBP @ 5307' w/ cmt, Perf: 5230'-48', CIBP @ 5210' w/ cmt, Perf: 5120-39				
5:00	7:00	2:00:00	P	Travel to location.
7:00	7:30	0:30:00	P	Start and warm up rig. Hold safety meeting.
7:30	10:00	2:30:00	P	Safety meeting. Test lines 700 psi.
10:00	12:00	2:00:00	P	Start frac. Shut down screened off due to loss of X-link about 1/2 way through job. Did not go above 10ppg sand. Avg pressure 5611 psi., avg rate 30.5 bpm. ISIP 6650, shut in 5 min 5845 psi, 10 min 5582, 15 min 5053 psi. 43,000# 16/30 pumped in perfs. 270bbl total load water. Total scf in formation 411,850scf.
12:00	14:00	2:00:00	P	RDMO frac equipment.
14:00	15:00	1:00:00	P	NU to flow back on 1/8" choke. Open at 1400 hr with 3250 psi.
15:00	16:00	1:00:00	P	Start flow back 1250 psi. Light fluid,
16:00	17:00	1:00:00	P	1100 psi. gel, sand.
17:00	18:00	1:00:00	P	540 psi, gel, N2, 3 bbls.
18:00	19:00	1:00:00	P	320 psi, H2O, foam
19:00	20:00	1:00:00	P	175 psi. H2o 3 bbls.
20:00	21:00	1:00:00	P	Change to 1/4" choke, shut in 200, open 220 unload slug of dry sand.
21:00	22:00	1:00:00	P	bleed off 45 min.
22:00	23:00	1:00:00	P	Shut in 1 hr. Well Dead. Shut in for night.
23:00				
TOTAL HRS		18:00:00		

LOAD FLUID SUMMARY					Downhole Detail (Top Down Description)			
Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	23.0					KB to Ground Level	13.00	13.00
Recovered from well	10.0							
Lost to well	270.0							
Left to Recover	283.0	0.0	0.0					

RIG DATA:				DJ Simmons, Inc Rig #111			
Crew Position	Hours	Crew Member's Name		No	Description	Length	Set Depth
Operator	18:00:00	Cisco					
Derrick	18:00:00	Roland					
Floor	18:00:00	Verne					
Floor	18:00:00	Daniel					
Relief							

Daily Cost	\$	Material Movement Summary			EH&S	
Prev Cost	\$				Accidents	No
Cum Cost	\$				Pollution	No
AFE Amount	\$				Safety Meeting	Yes
AFE Balance	\$				Rig Inspection	No

DAILY COMPLETION / WORKOVER REPORT



DJ SIMMONS, INC

1-22	API No:	43-037-30850	County:	San Juan County, UT	Report No.	64
	Field:	Bradford Canyon	Area:	Blanding, UT	Date:	Aug-7-08
	Supervisor:	Alfred Castro	Phone:	505-215-9202	RKB -> GR	13.00'
Routine on 8/6/4ths at 200psi. Recover 5bbl water last hour				AM Casing Pres	0	AFE No
c string out. Clean up and test well.				AM Tubing Pres	0	AFE \$ 795,420

OPERATION SUMMARY FOR Aug-6-08 (Last 24 hrs)

Perfs: 5594-5654 (squeezed), section mill 5773'-5822', CIBP @ 5450' w/ cmt, Perf: 5392-5406, CIBP: 5389' w/ cmt.
 Perfs: 5358-72, CIBP @ 5307' w/ cmt, Perf: 5230'-48', CIBP @ 5210' w/ cmt, Perf: 5120-39

Travel to location.

Start up rig. Hold safety meeting.

Time	Start	End	Status	Description
7:30	8:00	0:30:00	P	Open well 200 psi., on 1/8" choke.
8:00	9:00	1:00:00	P	80 psi., 5 bbls, no sand.
9:00	10:00	1:00:00	P	80 psi., 1 bbl, no sand
10:00	13:00	3:00:00	P	Bleed well down on 2". ND frac valve. Work packer to release. Change out bails. TOH with 3 1/2". Stand back 66 stds. Change bails to L/D jts. Stand by for truck to move float in too L/D 30, 3 1/2" jts on float.
13:00	14:30	1:30:00	P	Standby for float to be moved in. Reams water truck struck in the mud on hill.
14:30	15:00	0:30:00	P	Move in float.
15:00	16:00	1:00:00	P	L/D 3 1/2" on float 30 jts.
16:00	17:00	1:00:00	P	Change over for 2 7/8", elevators, bails, pipe rams, slip dies, tong heads.
17:00	18:00	1:00:00	P	TIH with notch collar, 1 std, SN, SLM, 37 stds.
18:00	18:30	0:30:00	P	Secure well. SDFN
18:30	20:30	2:00:00	P	Travel to Cortez
20:30				6bbls recovered. Added 102 bbls from backside.
TOTAL HRS		15:30:00		

LOAD FLUID SUMMARY

Downhole Detail (Top Down Description)

Last 24 hrs	Water	Oil	Other	Other Remarks	No	Description	Length	Set Depth
Previous Load	1,301.0					KB to Ground Level	13.00	13.00
Recovered from well	6.0							
Lost to well	0.0							
Left to Recover	1,295.0	0.0	0.0					

RIG DATA:

DJ Simmons, Inc Rig #111

Crew Position	Hours	Crew Member's Name
Operator	15:30:00	Billy
Derrick	15:30:00	Roland
Floor	15:30:00	Vern
Floor	15:30:00	Jeremiah
Relief		

Daily Cost	\$	Material Movement Summary	EH&S
Prev Cost	\$		Accidents No
Cum Cost	\$		Pollution No
AFE Amount	\$		Safety Meeting Yes
AFE Balance	\$		Rig Inspection No

