

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **7-27-84**

LAND: FEE & PATENTED STATE LEASE NO. **ML 27115** PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: **8-13-84 - OIL**

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: **7409' GL**

DATE ABANDONED: **3/14/85 LA application rescinded**

FIELD: **WILDCAT 3/86 Undesignated**

UNIT:

COUNTY: **SUMMIT**

WELL NO. **STATE BOUNTIFUL #1-6** API #**43-043-30262**

LOCATION **1374' FSL** FT. FROM (N) (S) LINE, **1878' FWL** FT. FROM (E) (W) LINE, **NESW** 1/4 - 1/4 SEC. **6**

IRREGULAR SECTION

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				4N	8E	6	RAYMOND T. DUNCAN

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

5. Leave Designation and Serial No. ML-27115

~~U-60901~~

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

7. Unit Agreement Name
N/A

8. Farm or Lease Name
State Bountiful

9. Well No.
1-6

10. Field and Pool, or Wildcat
 Wildcat

11. Sec., T., R., M., or Bk. and Survey or Area
Sec. 6-T4N-R8E

12. County or Parrish 13. State
Summit UT

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 S. Harrison, P-1, Denver, CO 80210 303/759-3303

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 1878' FWL: 1374' FSL (NE SW)
At proposed prod. zone same

14. Distance in miles and direction from nearest town or post office*
5 miles west of Wahsatch, UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1374'

16. No. of acres in lease 275.93

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. N/A

19. Proposed depth 7000'

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7409' GL

22. Approx. date work will start*
9/5/84

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#	1200'	Circ. to surface
12 1/4"	9 5/8"	36#	5200'	300 sx
8 1/2"	5 1/2"	15.5 & 17#	7000'	300 sx

1. Drill 17 1/2" hole to 1200'. Set 13 3/8" csg @ 1200' and cement to surface.
2. Drill 12 1/4" hole to 5200'. Set 9 5/8" csg @ 5200' and cement with 300 sx.
3. Drill 8 1/2" hole to 7000'. Set 5 1/2" csg @ 7000' and cement with 300 sx.
4. DST's in Twin Creek and Nugget if warranted.
5. Log well.
6. Perf and complete well based on logs, or P&A if not productive.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 8/13/84
BY: John R. Dapa

RECEIVED
JUL 27 1984
**DIVISION OF OIL
GAS & MINING**

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

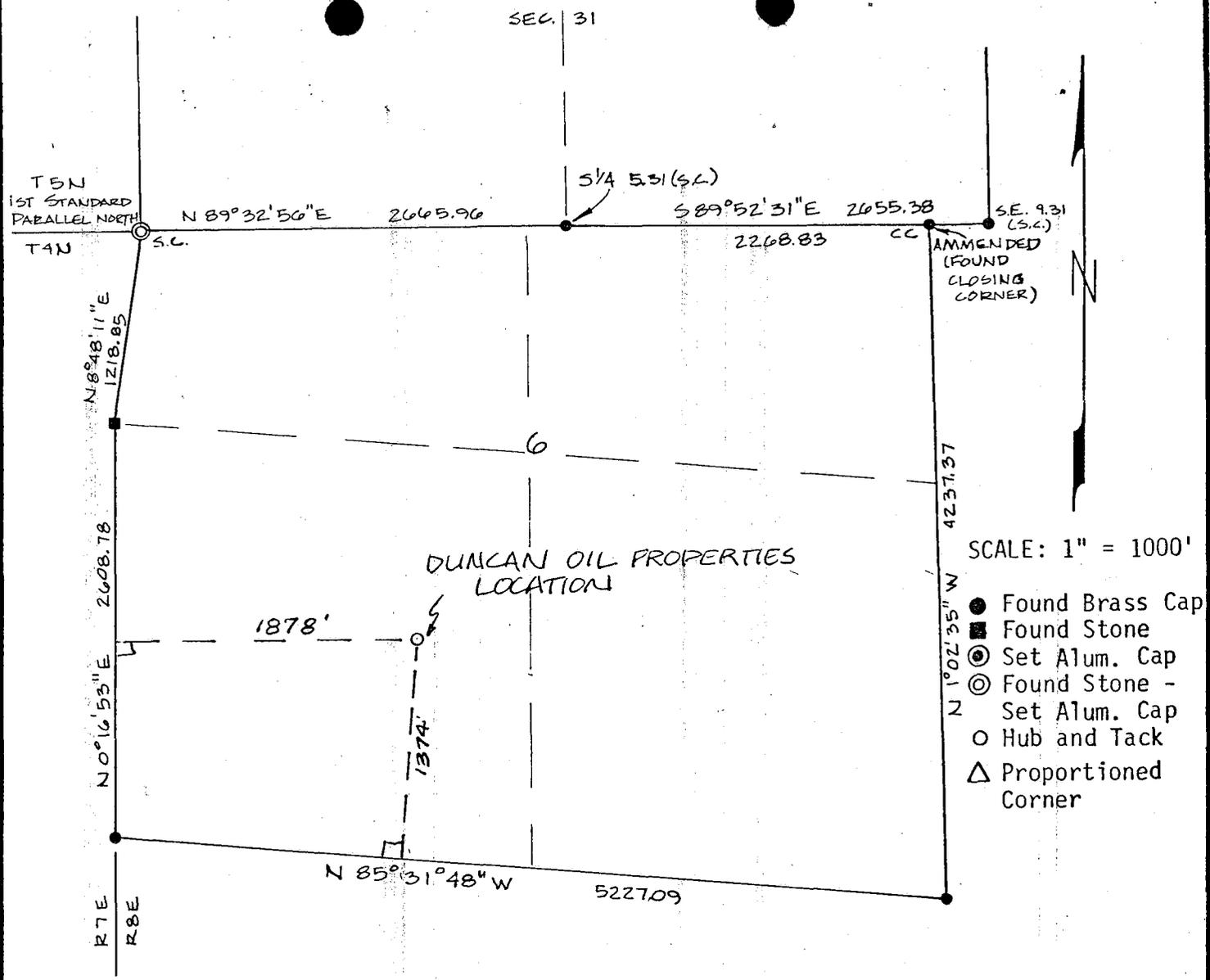
24. Signed W.S. Fallin Title Production Manager Date 7/25/84

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:



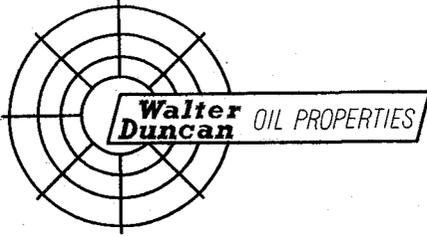
I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Steve Fallin of Denver, Colorado for Raymond T. Duncan Oil Properties I made a survey on the 9th, 10th & 11th day of July, 1984 for Location and Elevation of the Duncan Oil Properties Well as shown on the above map, the wellsite is in the SW 1/4 of Section 6, Township 4N, Range 8E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7409 Feet Top of Pin Datum Mean Seal Level Based on 3-Dimensional Control Network tied to U.S.C.&G.S. and U.S.G.S. Benchmarks

Reference point _____
 Reference point _____
 Reference point _____
 Reference point _____

BOOK: 331
 DATE: 7/12/84
 JOB NO.: 84-103

JOHN A. PROFFIT
 Registered
 2860
 Surveyor
 STATE OF UTAH
 12/84

JOHN A. PROFFIT UTAH 2860
 UTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING



RECEIVED

AUG 9 1984

DIVISION OF OIL
GAS & MINING

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

August 7, 1984

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

RE: State Bountiful 1-6
Sec. 6-4N-8E
Summit County, UT

Gentlemen:

Attached are three copies of a 10 Point Plan for the above-captioned well which should be attached to our Application for Permit to Drill dated July 25, 1984.

Please contact our office if you have questions or need additional information.

Very truly yours,
RAYMOND T. DUNCAN

John A. Bettridge
Operations Superintendent

c1
Encl.

10 POINT DRILLING PROGRAM TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL: UTAH

Well Name: 1-6 State Bountiful
Location: NE SW 6-4N-8E
Summit County, UT

1. SURFACE INFORMATION:

Fowkes is on surface at this location.

2. GEOLOGIC MARKERS:

Wasatch	1100'
Jurassic	3400'
Twin Creek	5120'
Nugget	6800'
T.D.	7000'

3. ANTICIPATED ZONES:

Water Bearing Information: Fresh water is expected to be encountered at or above 500 feet.

Hydrocarbon Bearing Information: Oil and/or gas could be encountered in the Twin Creek and Nugget formations from 5100' - T.D.

4. PROPOSED CASING AND CEMENT PROGRAMS:

Size	Grade	Weight	Condition	Depth	Cement
13 3/8	H-40 ST&C	48#	New	0-1200'	1500 sx C1 G + Add.
9 5/8	K-55 ST&C	36#	New	0-5200'	300 sx C1 G + Add.
5 1/2	K-55 LT&C	15.5 & 17#	New	0-7000'	300 sx C1 G + Add.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Blowout preventer stack will consist of a 13 5/8" Series 3000# BOP. See BOP Diagram attached. Equipment will be tested prior to drilling out from under surface and operational checks will be made daily thereafter. Rams will be tested to rated working pressure or 70% of the minimum internal yield of the casing.

6. PROPOSED MUD PROGRAM:

Surface to 1500'	Native
1500' to 6000'	Low solids, non-dispersed
6000' to T.D.	Dispersed lignosulfonate

7. AUXILLARY EQUIPMENT:

A kelly-cock will be kept in the string.

A float will not be used.

A mud logging unit with gas detection will be used for monitoring the system from 2500' to T.D.

A safety valve (stabbing valve) will be on the rig floor at all times.

8. TESTING, LOGGING AND CORING PROGRAMS:

Cores: None will be run.

DST's: Two anticipated - 5200' & 6800'.

Logs: As follows:

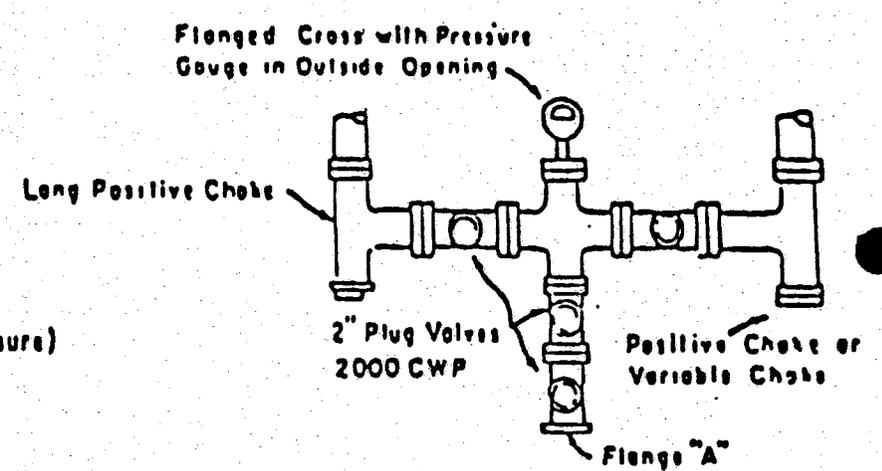
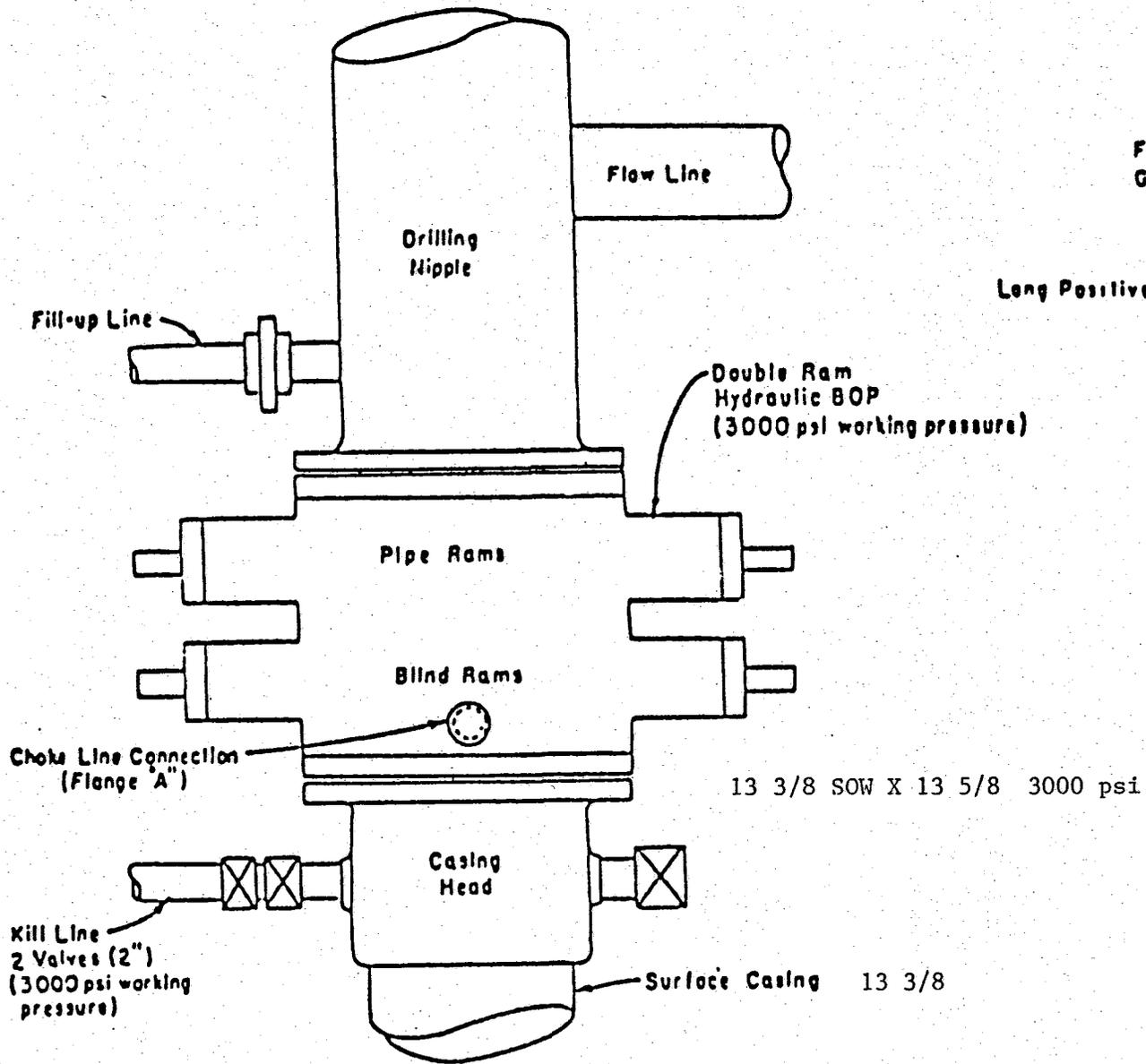
DIL	5200' - T.D.
BHC/AL	Surface - T.D.
BHC/Density	5200' - T.D.
Laterolog	Surface - T.D.
CNL	5200' - T.D.
GR	Surface - T.D.
Dipmeter	Surface - T.D.

9. POTENTIAL HAZARDS:

High pressure gas or gas containing detectable H₂S is not anticipated.

10. ANTICIPATED STARTING DATE:

9/5/84 with approval.



PLAN VIEW-CHOKE MANIFOLD

Blowout Preventer Diagram

NOTE: There will be an accumulator system on the BOP.

OPERATOR Raymond T. Duncan DATE 8-7-84

WELL NAME State Identified #1-6

SEC NE SW 6 T 4N R 8E COUNTY Summit
Irregular Section

43-043-30262
API NUMBER

State
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

D.O. from Duncan Exploration to Raymond T. Duncan
Need water permit
No other wells within 1000'

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

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

c-3-b c-3-c

SPECIAL LANGUAGE:

1- Water
2- Receipt of D.O. from Duncan Exploration to
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

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

August 13, 1984

Raymond T. Duncan
1777 S. Harrison, P-1
Denver, Colorado 80210

Gentlemen:

RE: Well No. State Bountiful #1-6 - NESW Sec. 6, T. 4N, R. 8E
1374' FSL, 1878' FWL - Summit County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Receipt of a Designation of Operator from Duncan Exploration to Raymond T. Duncan.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Raymond T. Duncan
Well No. State Bountiful 1-6
August 13, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30262.

Sincerely,

Original Signed by Ronald J. Firth

R. J. Firth
Associate Director, Oil & Gas

RJF/as

Enclosures

cc: State Lands
Branch of Fluid Minerals

RECEIVED

AUG 21 1984

DUNCAN EXPLORATION COMPANY

PENTHOUSE ONE

1777 SOUTH HARRISON STREET

DENVER, COLORADO 80210

TELEPHONE (303) 759-3303

DIVISION OF OIL
GAS & MINING

August 14, 1984

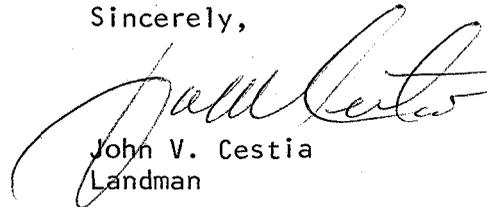
Bureau of Land Management
136 E. South Temple
Salt Lake City, Utah 84111

Re: Designation of Operator
T4N-R8E
Sections 6, 18
Summit County, Utah
Duncan Lease: 44-2-609-01

Gentlemen:

Enclosed for your files are three (3) copies of the captioned Designation of Operator forms.

Sincerely,



John V. Cestia
Landman

JVC/tld

Enclosure

cc: George Lamps

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE: 136 E. South Temple, Salt Lake City, Utah 84111
 SERIAL NO.: ML-27115

and hereby designates

NAME: Raymond T. Duncan
 ADDRESS: 1777 S. Harrison Street, Penthouse One
 Denver, Colorado 80210

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

Township 4 North - Range 8 East
 Section 6: Lot 6, E $\frac{1}{2}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
 Section 18: Lot 3

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

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

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

DUNCAN EXPLORATION COMPANY



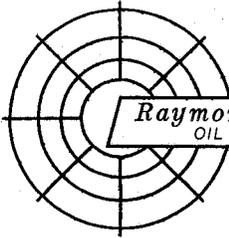
(Signature of lessee)

Raymond T. Duncan, Venture Manager
 1777 S. Harrison Street, Penthouse One
 Denver, Colorado 80210

(Address)

August 8, 1984

(Date)



Raymond T. Duncan
OIL PROPERTIES

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

February 5, 1984

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

RECEIVED

FEB 08 1985

DIVISION OF OIL
GAS & MINING

RE: State Bountiful 1-6
Sec. 6-4N-8E
Summit Co., UT

Gentlemen:

Enclosed are three copies of a Sundry Notice for the above-captioned well. Please contact our office if you have questions or need additional information.

Very truly yours,
RAYMOND T. DUNCAN

W. S. Fallin

W.S. Fallin
Production Manager

c1
Encl.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL 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 any State requirements. See also space 17 below.)
At surface
1878' FWL; 1374' FSL (NE SW)

14. PERMIT NO.
43-043-30262

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7409' GL

RECEIVED

FEB 08 1985

DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML 27115

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
State Bountiful

9. WELL NO.
1-6

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLD. AND SURVEY OR AREA
6-4N-8E

12. COUNTY OR PARISH
Summit

13. STATE
UT

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

Duncan will not drill subject well at this time. An application for permit to drill will be re-submitted when plans are re-confirmed.

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

SIGNED W.S. Fallin TITLE Production Manager DATE 2/4/85

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

March 14, 1985

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

Gentlemen:

Re: Well No. State Bountiful 1-6 - Sec. 6, T. 4N, R. 8E
Summit County, Utah - API #43-043-30262

In reply to your request of February 4, 1985, approval to drill the above-indicated well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Petroleum Engineer

clj

cc: Dianne R. Nielson
Ronald J. Firth
File

0123S/33