

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

CONFIDENTIAL (On the instructions on reverse side)

5. Lease Designation and Serial No. BIA 14-20-603-373
6. If Indian, Allottee or Tribe Name Navajo Tribe
7. Unit Agreement Name N/A
8. Farm or Lease Name Mesa Top
9. Well No. #1
10. Field and Pool, or Wildcat. Undesignated Wildcat
11. Sec., T., R., M., or Bk. and Survey or Area Sec. 6, T42S - R25E

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL [X] DEEPEN [] PLUG BACK []
b. Type of Well Oil Well [X] Gas Well [] Other []
2. Name of Operator 303/759-3303 Raymond T. Duncan
3. Address of Operator 303/452-8888 Permitco Inc. - Agent
4. Location of Well At surface 1445' FNL and 1640' FEL
At proposed prod. zone SW NE Sec. 6
14. Distance in miles and direction from nearest town or post office* 14 miles southeast of Montezuma Creek, Utah
15. Distance from proposed* location to nearest property or lease line, ft. 1445'
16. No. of acres in lease 25.22
17. No. of acres assigned to this well 40
18. Distance from proposed* location to nearest well, drilling, completed, or applied for, on this lease, ft. + 3400'
19. Proposed depth 6260' DSCR
20. Rotary or cable tools Rotary
21. Elevations (Show whether DF, RT, GR, etc.) 5303' GR
22. Approx. date work will start* Upon approval of this application.

RECEIVED DIVISION OF OIL, GAS & MINING AUG 27 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: Size of Hole, Size of Casing, Weight per Foot, Setting Depth, Quantity of Cement. Rows include 17-1/2", 12-1/4", and 7-7/8" hole sizes.

Raymond T. Duncan proposes to drill a well to 6260' to test the Desert Creek formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM, BIA and State of Utah requirements.

See Onshore Order No. 1 attached.

This location was staked at non-standard spacing in accordance with the spacing rules for the State of Utah. This location was based on seismic and extreme topography. Raymond T. Duncan is the lease holder of all of Section 6, T42S - R25E. We request your exception to spacing for this well.

Stamp: REC'D BY BJO

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.

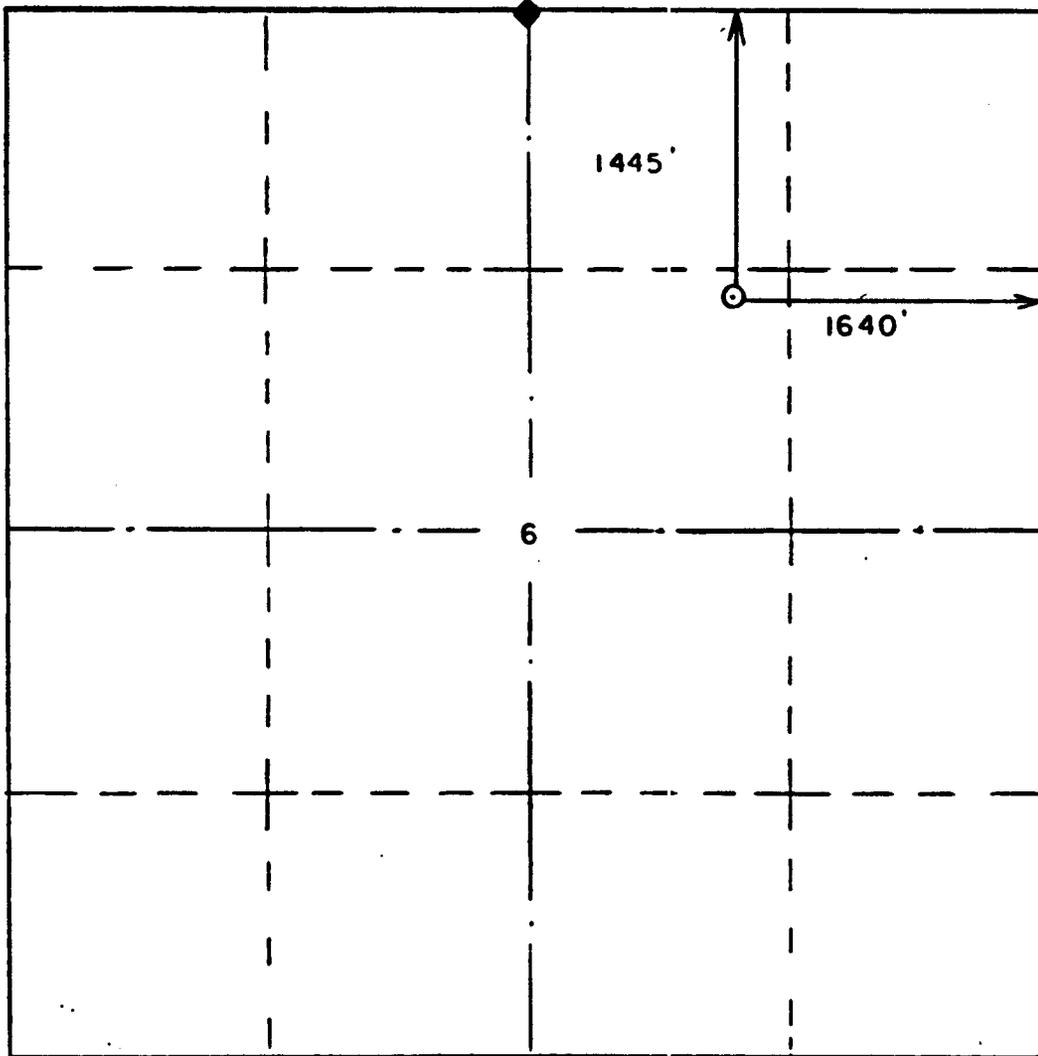
24. Signed: [Signature] Title: Consultant for Raymond T. Duncan Date: 8/23/90

(This space for Federal or State office use) Permit No. 43-037-31549 Approval Date APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: 9-12-90 BY: [Signature]

*See Instructions On Reverse Side

WEI SPACING: RW5 3-3

WELL LOCATION AND ACREAGE DEDICATION PLAT

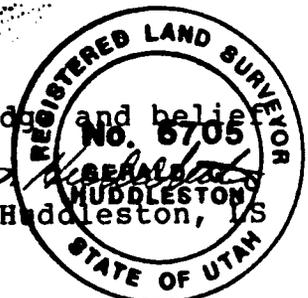


WELL LOCATION DESCRIPTION:
R. T. DUNCAN, Mesa Top # 1
1445'FNL & 1640'FEL
Section 6, T.42 S., R.25 E., SLM
San Juan, UT.
5303' ground elevation

The above plat is true and correct to my knowledge and belief

9 August 1990

Gerald G. Huddleston
Gerald G. Huddleston, LS



CONFIDENTIAL - TIGHT HOLE

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

MESA TOP #1
1445' FNL and 1640' FEL
SW NE Sec. 6, T42S - R25E
San Juan County, Utah

Prepared For:

RAYMOND T. DUNCAN

By:

PERMITCO INC.
13585 Jackson Drive
Denver, Colorado 80241
303/452-8888

Copies Sent To:

- 4 - BLM - Farmington, N.M.
- 1 - Div. of Oil, Gas & Mining - SLC, Utah
- 3 - Raymond T. Duncan - Denver, CO



DUNCAN OIL, INC.

PENTHOUSE ONE

1777 SOUTH HARRISON STREET

DENVER, COLORADO 80210

TELEPHONE (303) 759-3303

August 20, 1990

Bureau of Land Management
1235 La Tala Hwy
Farmington, New Mexico 87401

RE: Mesa Top #1
1445' FNL & 1640' FEL
SW NE Section 6-T42S-R25E
San Juan Co., UT

Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Raymond T. Duncan when necessary for filing County, State, and Federal permits including Onshore Order No. 1, Right-of-Way applications, etc. for the above-captioned well.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production, or compliance with regulations.

Raymond T. Duncan agrees to accept full responsibility for operations conducted in order to drill, complete, and produce the above-captioned well.

Sincerely,

RAYMOND T. DUNCAN



W. S. Fallin
Production Manager

WSF/bk

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Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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

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 BORE MULTIPLE BORE

2. NAME OF OPERATOR 303/759-3303 1777 S. Harrison St., PH 1
 Raymond T. Duncan Denver, CO 80210

3. ADDRESS OF OPERATOR 303/452-8888 13585 Jackson Drive
 Permitco Inc. - Agent Denver, CO 80241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1445' FNL and 1640' FEL
 At proposed prod. zone SW NE Sec. 6

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 14 miles southeast of Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1445'

16. NO. OF ACRES IN LEASE
 + 2522

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. + 3400'

19. PROPOSED DEPTH
 6260'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5303' GR

22. APPROX. DATE WORK WILL START*
 Upon approval of this application.

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#	200'	250 sx or suffic to circ to surf.
12-1/4"	8-5/8"	24#	1950'	1100 sx or suffic to circ to surf.
7-7/8"	5-1/2"	15.5#	6260'	400 sx or suffic to cover zones of interest.

Raymond T. Duncan proposes to drill a well to 6260' to test the Desert Creek formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and BIA requirements.

See Onshore Order No. 1 attached.

See Self Certification attached.

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: Raymond T. Duncan TITLE Consultant for Raymond T. Duncan DATE 8/23/90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side

SELF CERTIFICATION

Be advised that Raymond T. Duncan is considered to be the operator of Well Mesa Top #1 located as follows:

1445' FNL and 1640' FEL
SW NE Sec. 6, T42S. - R25E, San Juan County, Utah

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 Bond. No. WY-0271. The principal is Raymond T. Duncan 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.



Permitco Incorporated
A Petroleum Permitting Company

ONSHORE ORDER NO. 1
Raymond T. Duncan
Mesa Top No. 1
1445' FNL and 1640' FEL
SW NE Sec. 6, T42S - R25E
San Juan County, Utah

CONFIDENTIAL-TIGHT HOLE

DRILLING PROGRAM

Page 1

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

1. The surface formation and estimated formation tops to be encountered are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Dakota	Surface	+5303'
DeChelly	2999'	+2316'
Hermosa/Honaker Trail	4939'	+ 376'
Ismay	5829'	- 514'
Gothic Shale	5969'	- 654'
Desert Creek	5989'	- 674'
Chimney Rock Shale	6179'	- 864'
Akah	6209'	- 894'
T.D.	6260'	- 945'

2. The estimated depths at which oil, gas, water or other mineral bearing zones are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Anticipated Depth</u>
Oil	Desert Creek	5989'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure control equipment will consist of a 10", 3000# BOP. (See BOP Diagram attached.)



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ONSHORE ORDER NO. 1
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 San Juan County, Utah

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DRILLING PROGRAM

Page 2

BOP systems will be consistent with AFI RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

4. a. Casing

The proposed casing program is as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Wt.</u>	<u>Grade</u>	<u>Type</u>	<u>New or Used</u>
Conductor	0-200'	17-1/2"	13-3/8"	48#	H-40	ST&C	New
Surface	0-1950'	12-1/4"	8-5/8"	24#	J-55	ST&C	New
Produc.	0-6260'	7-7/8"	5-1/2"	15.5#	J-55	LT&C	New

b. Cement

The cementing program will be as follows:

<u>Conductor</u> 0-120'	<u>Type and Amount</u> 250 sx or sufficient to circulate to surface
<u>Surface</u> 0-1950'	<u>Type and Amount</u> 1100 sx or sufficient to circulate to surface.
<u>Production</u>	<u>Type and Amount</u> 400 sx or - sufficient to cover zones of interest.

Anticipated cement tops will be reported as to depth, not the expected number of sacks.



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DRILLING PROGRAM

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c. Auxiliary Equipment will be as follows:

1. Kelly cock.
2. Float above the bit.
3. A sub with a full opening valve will be on the floor when the kelly is not in use.

5. Drilling fluid will be as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-4500'	Natural	9.0-9.2	35	10-20	--
4500-T.D.	Chem. Gel	9.2-9.5	45	15 thru pays	

Operations will be conducted in accordance with ONSHORE OIL & GAS ORDER NO. 2; DRILLING OPERATIONS, except where advance approval for a variance has been obtained.

6. Coring, logging and testing programs are as follows:

- a. No cores are anticipated.
- b. The logging program will consist of the following: A Dual Induction and BHC Sonic will be run from T.D to base of surface casing. A CNL/FDC will be run from 4800' to T.D. A Dipmeter may be run from 5200' to T.D.
- c. One drill stem test will be run in the Desert Creek formation if shows are present.

Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1(b). Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples



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DRILLING PROGRAM

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(cuttings, fluids, and/or gases) will be submitted when requested by the Farmington District Manager.

7. Abnormal conditions, bottom hole pressures and potential hazards.
 - a. The maximum bottom hole pressure to be expected is 2100 psi.

8. Anticipated Starting Dates and Notifications of Operations
 - a. Raymond T. Duncan plans to spud the Mesa Top #1 on October 1, 1990, and intends to complete the well within approximately one month after the well has reached T.D.
 - b. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with Minerals Management Service.
 - c. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.
 - d. Should the well be successfully completed for production, the District Manager will be notified when the well is placed in producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.
 - e. A Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

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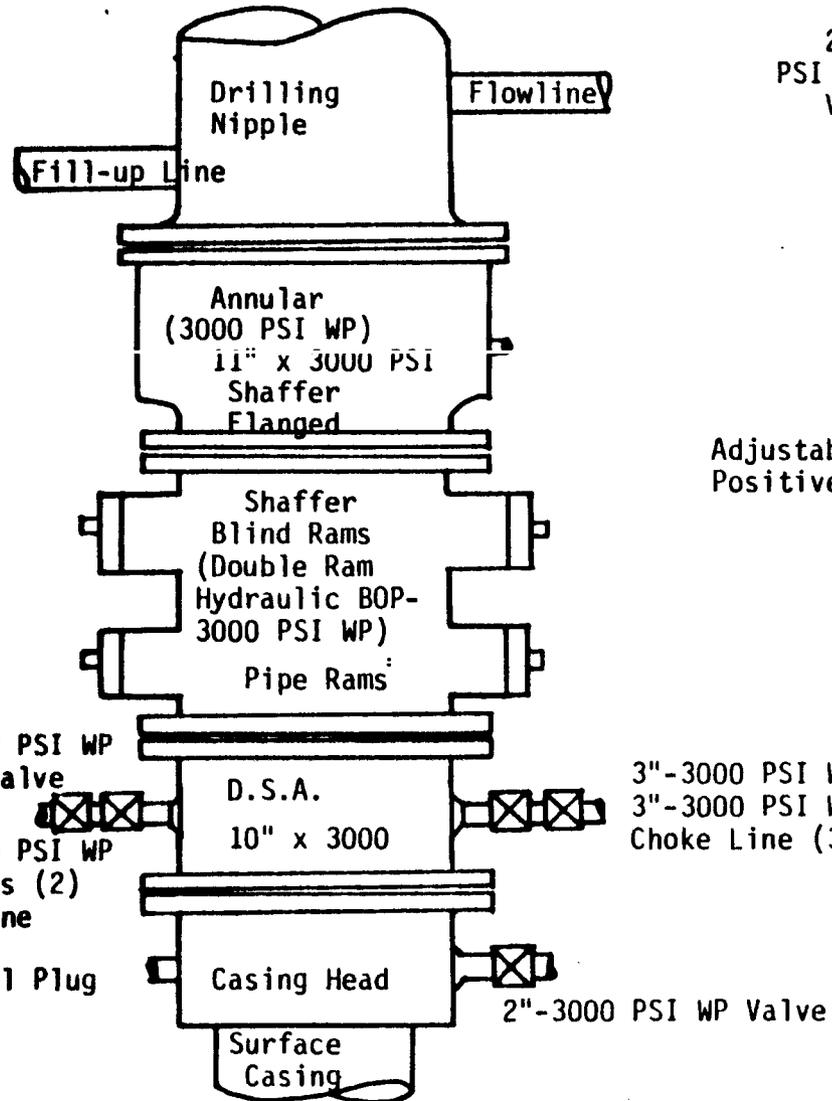
DRILLING PROGRAM

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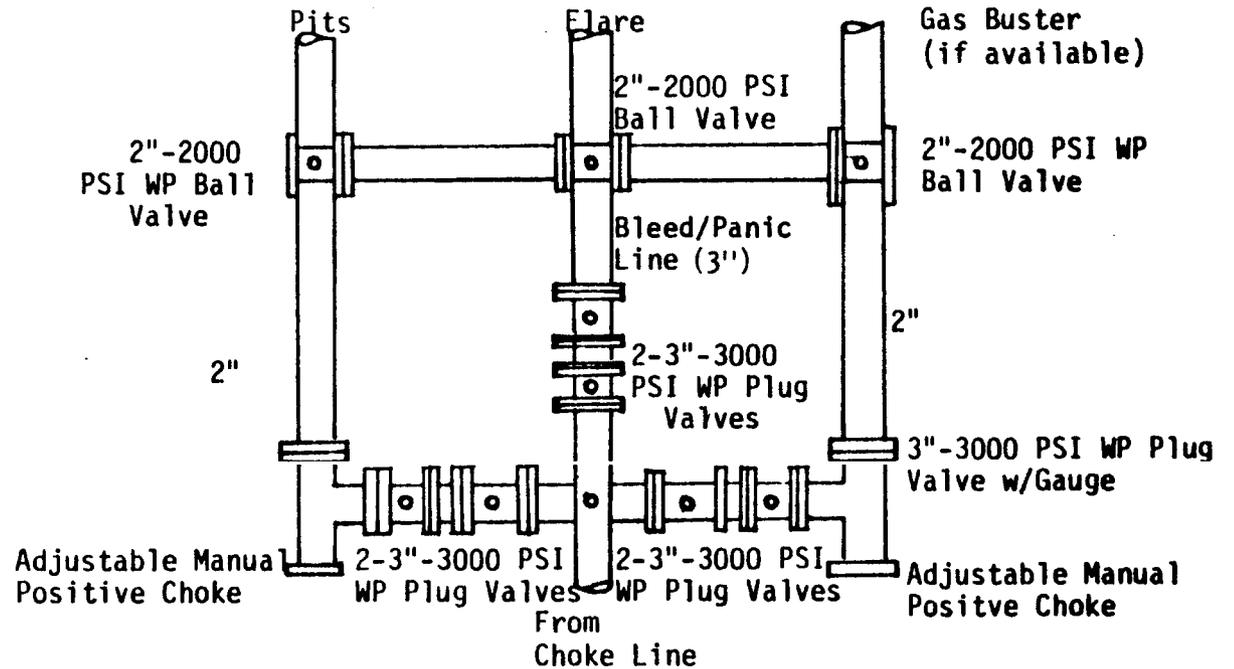
- f. Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office Approval pursuant to guidelines in NTL-4A.
- g. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6(d) and Onshore Oil and Gas Order No. 2.
- h. The following minimum information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

Well name and number, location by 1/4 1/4 section, township and range, Lease number and operator.

BOP SCHEMATIC
3000 PSI WORKING PRESSURE



PLAN VIEW CHOKE MANIFOLD



The hydraulic closing unit will be located more than 30' from the wellhead. Choke & bleed/panic lines will go to the pit and flare. All connections in choke line and manifold will be flanged or welded. All flanges should be ring joint gasket type. All turns in lines shall be constructed using targeting 90° tees or block ells. All lines shall be anchored.

6 station 275 gallon Shaffer Closing Unit.

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SURFACE USE PLAN

Page 1

Thirteen Point Surface Use Plan

1. Existing Roads

- a. The proposed well site is located 14 miles southeast of Montezuma Creek, Utah.
- b. Directions to the location from Montezuma Creek are as follows:

From the intersection of Highway 262 and Main St. in Montezuma Creek, go west on the Red Mesa Highway for 7/10 mile. Turn left onto Red Mesa #406 (County Road) and go South for 1.2 miles. Turn left onto a rough gravel road and go southeasterly for 9.6 miles. Turn right and proceed up a sidehill for 1.6 miles to the Navajo #116 producing well. Then proceed an additional 8/10 mile to the location.
- c. For roads within a 2-mile radius - See Map #1 and #2.
- d. Improvement to the existing access will not be necessary.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads

- a. There will be approximately 8/10 mile of existing access (after leaving the producing well) to be upgraded.
- b. The maximum total disturbed width will be 30 feet.
- c. The maximum grade will be 12% for short distances.
- d. Turnouts will be installed where necessary.
- e. No culverts or low water crossings are anticipated in the last 8/10 mile of access road. Water diversion ditches will be installed where necessary.

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SURFACE USE PLAN

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- f. 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 by the surface owner.
 - g. Minimum upgrading of the road will be done at this time until it has been determined if the well is a producer.
3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location. (See Map #1).
- a. Water Wells - 0
 - b. Injection or disposal wells - 0
 - c. Producing Wells - one
 - d. Drilling Wells - none
4. Location of Tank Batteries and Production Facilities.
- a. All permanent structures (onsite for six months or longer) will be painted a neutral, nonreflective, color (Sand Beige) to blend into the surrounding area, except for those required to comply with the Occupational Safety and Health Act (OSHA) or written company safety manual or documents.
 - b. Due to the limited area at the wellsite, it is anticipated that the production facilities will be constructed on lease at the Navajo 116 tank battery which is located in the NE SW Sec. 31, T41S - R25E. This is also being done to minimize traffic to the wellpad. If a tank battery is constructed, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank; all load lines and valves will be placed inside the dike surrounding the tank battery.
 - c. Any necessary pits will be properly fenced to prevent any wildlife entry.

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SURFACE USE PLAN

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5. Location and Type of Water Supply

- a. All water needed for drilling purposes will be obtained from the San Juan River at a point located near the foot bridge south of Aneth in the NW NW Sec. 21, T41S - R25E, San Juan County, Utah.
- b. Water will be trucked to location over the approved access roads.
- c. No water well is to be drilled on this lease.
- d. Use of water for this operation will approved by obtaining a temporary use permit from the Navajo Tribe, Water Resources Division.

6. Source of Construction Material

- a. Road surfacing material will be obtained from on-site and in place materials.
- b. Any gravel will be purchased from a commercial source. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.

7. Methods for Handling Waste Disposal

- a. The reserve pit will be constructed with at least 1/2 of the capacity in cut material and will be lined with bentonite.
- b. All trash will be placed in a trash basket and hauled to an approved disposal site.
- c. Produced waste water will be confined to the reserve pit for a period not to exceed ninety (90) days after initial production. During the 90-day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to NTL-2B.

SURFACE USE PLAN

Page 4

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 #1 for rig layout. See Diagram #2 for cross section of drill pad. See Diagram #3 for cuts and fills.
- b. The location of mud tanks; reserve, trash cage; pipe racks; living facilities and soil stockpiles will be shown on Diagrams #1 and #3. The location will be laid out and constructed as discussed during the predrill conference.
- c. Due to the eroded nature of the wellpad, no topsoil is available to be saved.
- d. Subsoil berms will be placed as shown on Diagram #3.
- e. Access to the well pad will be as shown on Maps #1 and #2.

10. Reclamation

- a. After drilling operations are completed, the location and surrounding area will be cleared of all remaining debris, materials, and junk not required for production.
- b. As soon as the reserve pit has dried it will be backfilled utilizing material from the old roadbed located to the south of the wellpad. The location will then be recontoured as much as possible. Fill material will not be retrieved from the draws.
- c. The area will be seeded between October 1 and February 28 with:
 - 2 lbs/acre Shadscale
 - 2 lbs/acre Alkali Sacaton
 - 2 lbs/acre Fourwing saltbush

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SURFACE USE PLAN

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- d. The reserve pit and that portion of the location and access road not needed for production and production facilities will be reclaimed.
-
- 11. a. Surface Ownership
Navajo Tribe
 - b. Mineral Ownership
Navajo Tribe
-
- 12. Other Information
 - a. There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned and/or separate facilities, will be identified in accordance with 43 CFR 3162.6.
 - b. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.6.
 - c. The dirt contractor will be provided with an approved copy of the surface use plan.
 - d. An archeological study was conducted by the Navajo Nation Archeological Department. No significant cultural resources were found and clearance is recommended. A copy of this report will be submitted directly to the appropriate agencies by the Navajo Nation Archeological Department.
 - e. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

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SURFACE USE PLAN

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13. Lessee's or Operator's Representative and Certification

Permit Matters

PERMITCO INC.
Lisa L. Smith
13585 Jackson Drive
Denver, CO 80241
303/452-8888

Drilling & Completion Matters

RAYMOND T. DUNCAN
1777 S. Harrison St.
Penthouse One
Denver, CO 80210
303/759-3303 (W) -
303/733-3604 (H) - John Bettridge

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 term and conditions under which it is approved.

This statement is subject to the provision of 18 U.S.C. 1001 for the filing of a false statement.

August 23, 1990
Date:



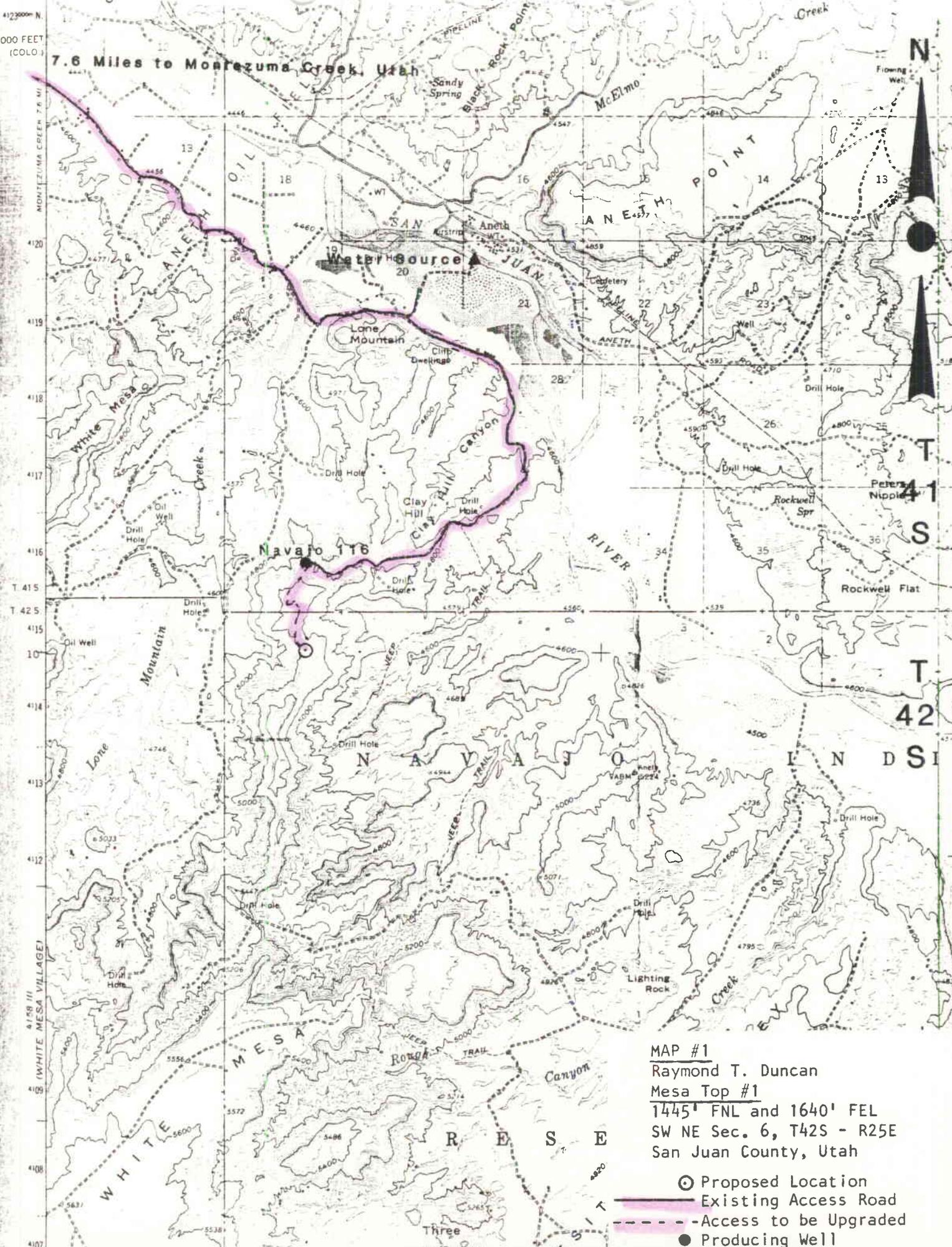
Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
RAYMOND T. DUNCAN

R24E

25E

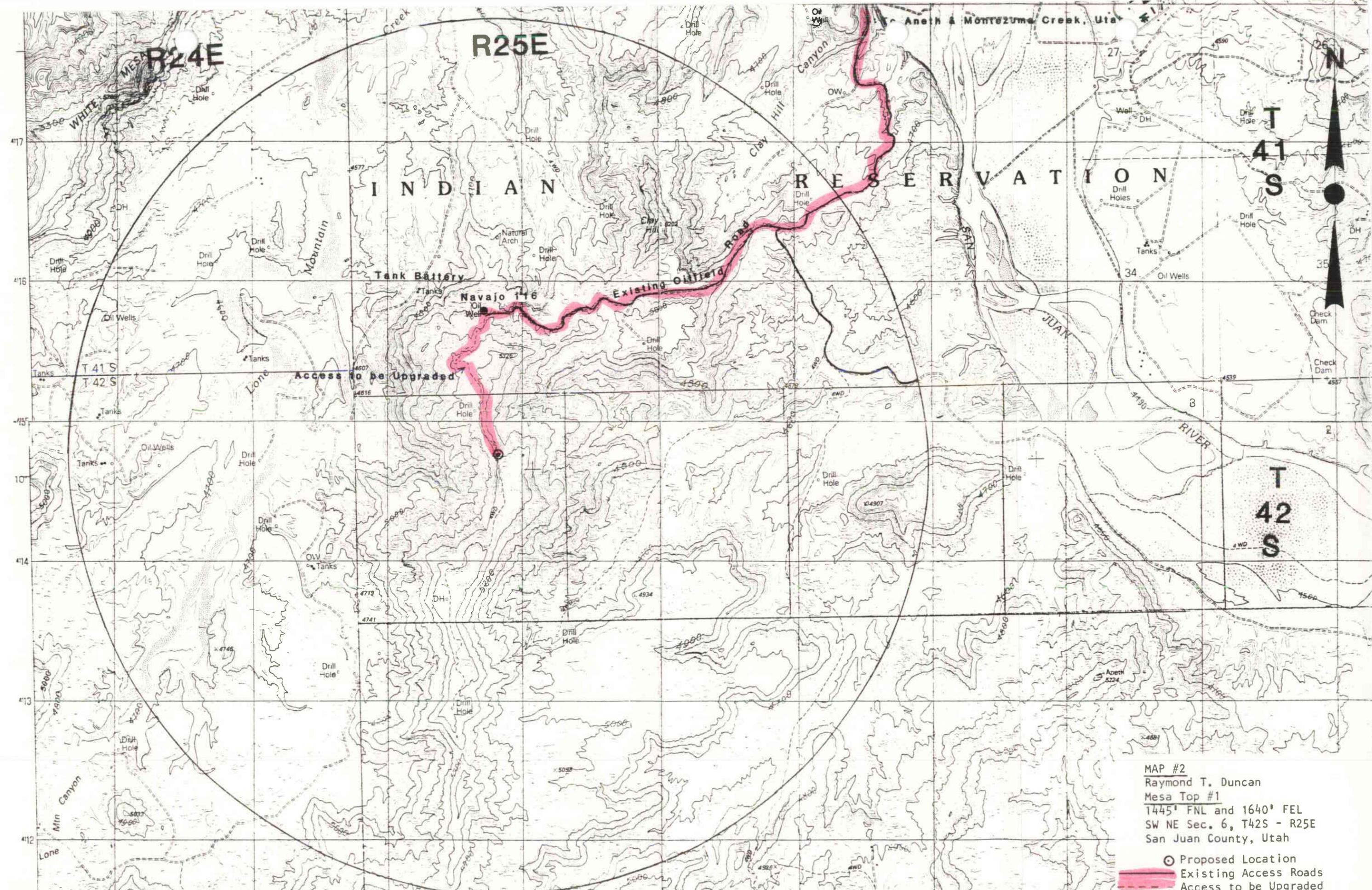
4123000 N
130 000 FEET
(COLO)

7.6 Miles to Montezuma Creek, Utah



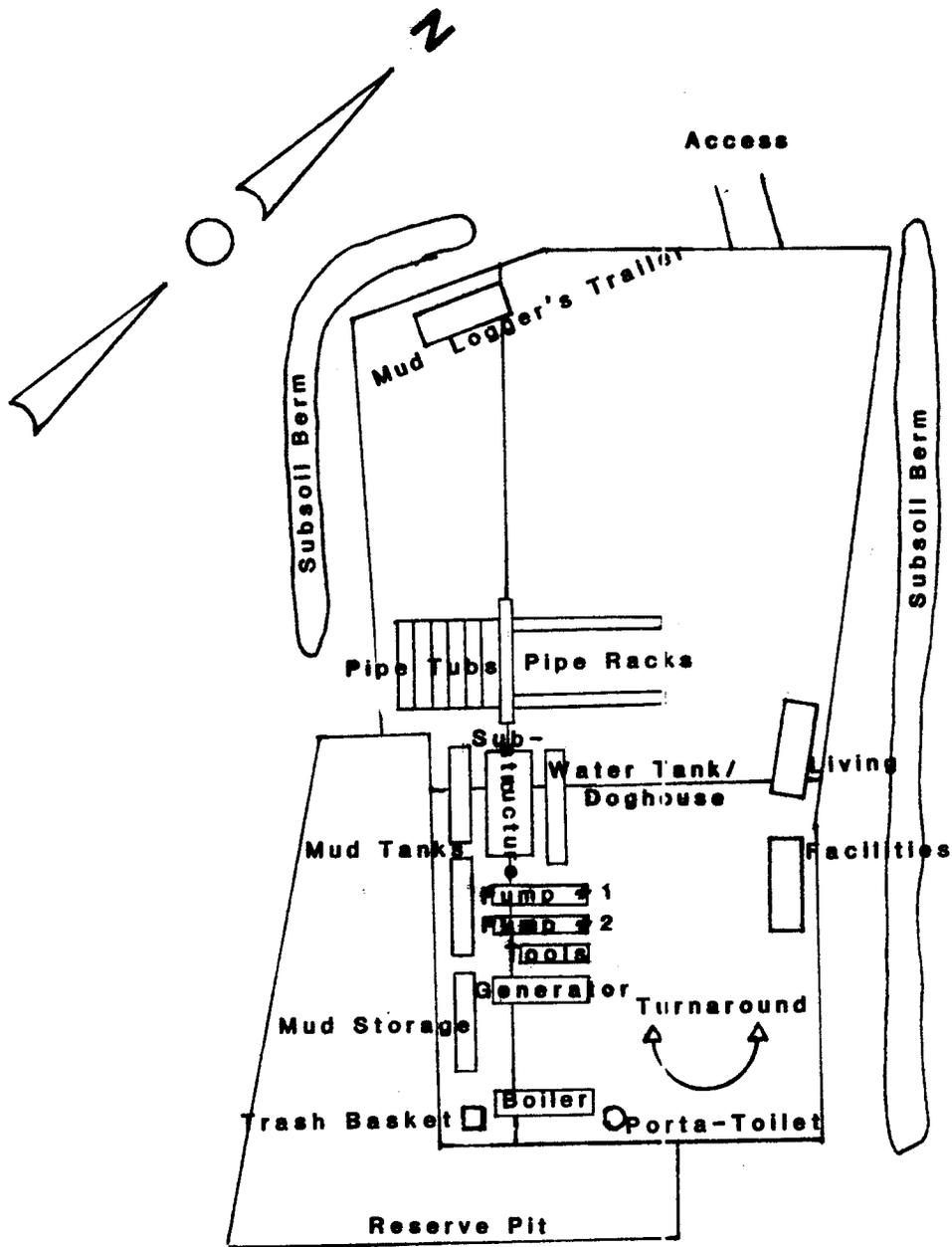
MAP #1
 Raymond T. Duncan
 Mesa Top #1
 1445' FNL and 1640' FEL
 SW NE Sec. 6, T42S - R25E
 San Juan County, Utah

- Proposed Location
- Existing Access Road
- - - Access to be Upgraded
- Producing Well
- ▲ Water Source



MAP #2
 Raymond T. Duncan
 Mesa Top #1
 1445' FNL and 1640' FEL
 SW NE Sec. 6, T42S - R25E
 San Juan County, Utah

- Proposed Location
- Existing Access Roads
- Access to be Upgraded
- Producing Well



Scale 1"=50'

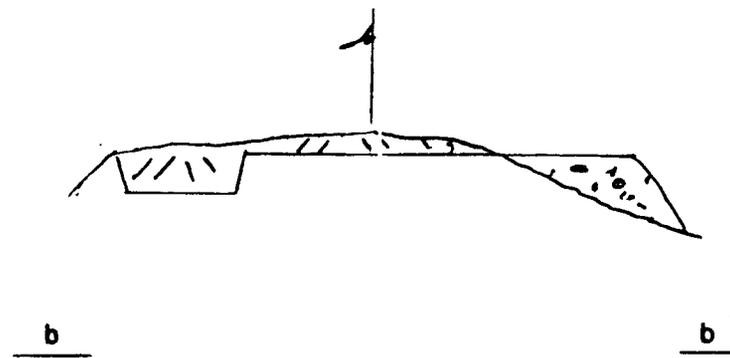
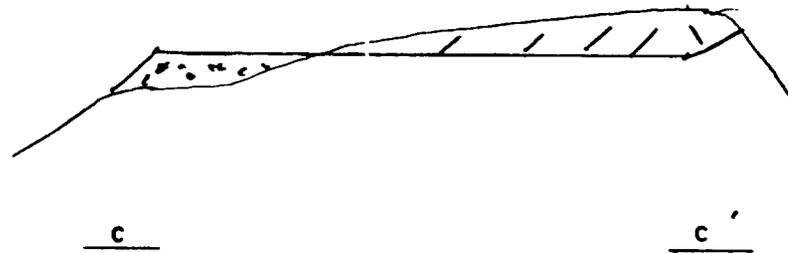
Diagram #1
 Raymond T. Duncan
 Mesa Top #1
 SE NE Sec. 6 T42S R25E
 San Juan County, Utah

Cross Section

Mesa Top # 1

Cut ////
Fill ••••

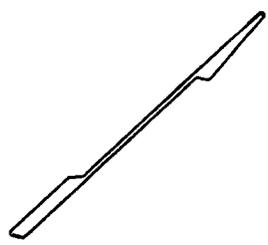
1"=50' Horz. & Vert.



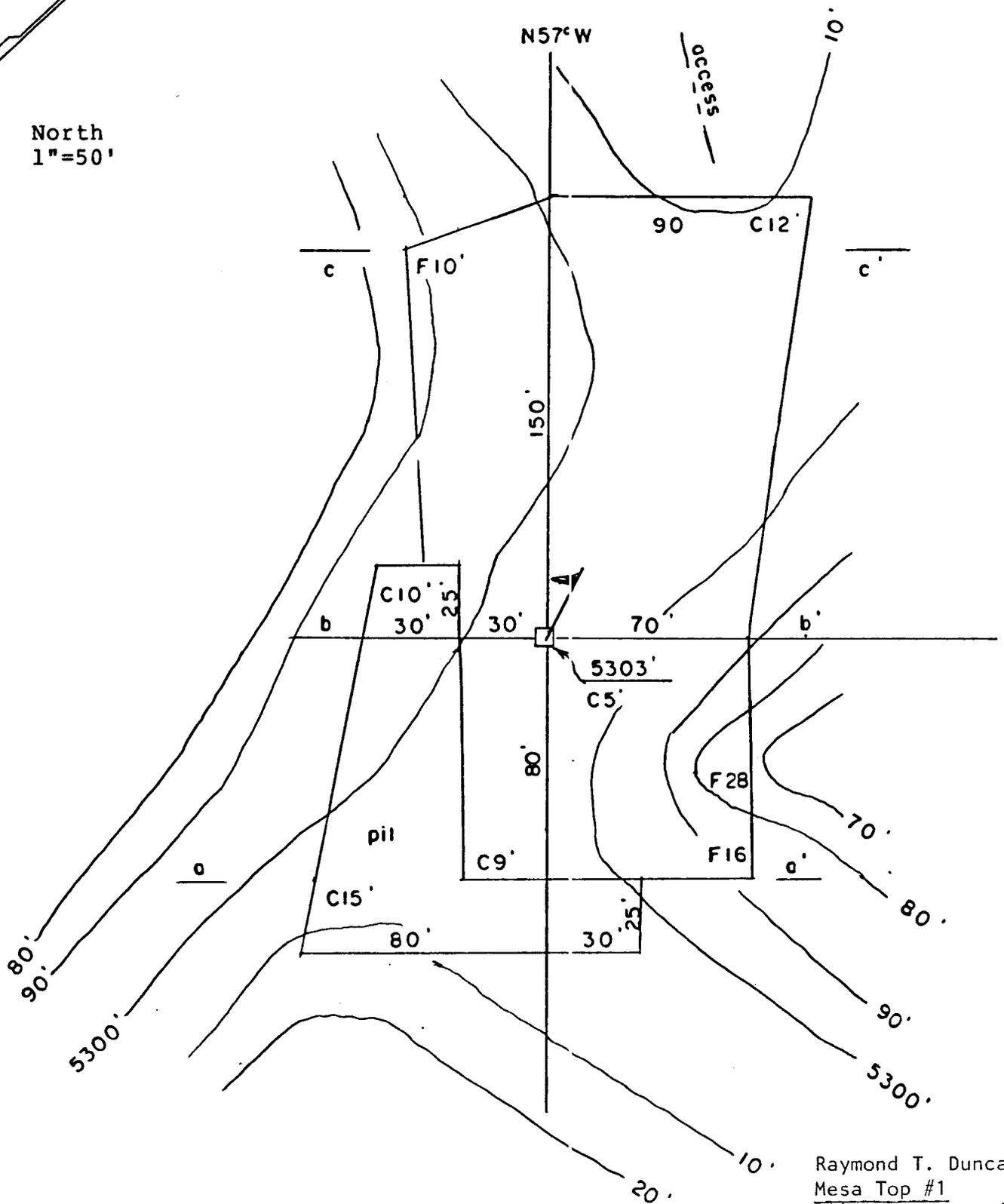
Raymond T. Duncan
Mesa Top #1
1445' FNL and 1640' FEL
SW NE Sec. 6, T42S - R25E
San Juan County, Utah

Plan View Sketch

Mesa Top # 1



North
1"=50'



Raymond T. Duncan
 Mesa Top #1
 1445' FNL and 1640' FEL
 SW NE Sec. 6, T42S-R25E
 San Juan County, Utah

SAN JUAN COUNTY ROAD DEPARTMENT

Application for Right-of-Way Encroachment Permit

DATE: 8/22/90TO: **Road Supervisor**
San Juan County Road DepartmentApplication is hereby made by: (1) Raymond T. Duncan c/o PERMITCO INC. - AgentAddress (2) 13585 Jackson Drive Denver, CO 80241Telephone Number: 303/452-8888 for permission to do the following:(3) Utilize an existing road to obtain access to a proposed oil well site
(Mesa Top #1) located in the SW NE Sec. 6, T42S - R24E, San Juan County, Utah(4) Location: Raymond T. Duncan proposes to utilize Red Mesa #406 (south of
Montezuma Creek, Utah to obtain access to the above mentioned well.City _____ County San Juan State CO

or U. S. Highway No. _____ Milepost No. _____

in accordance with the attached plan. (5)

(6) Construction will begin on or about Not applicable 19____

and will be completed on or before _____ 19____

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

a. Type of pavement: N/Ab. The opening to be made will be N/A feet long
by _____ feet wide and _____ feet deep.c. A bond in the amount of \$ N/A has been posted with
_____ Telephone No. _____

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

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

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

See Map #1 and #2 attached.

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

- a. Provide map showing where vibroseising will take place.
- b. Agree to repair any damages or replace any property damaged.
- c. Take full responsibility or proper flagging and traffic control.

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

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

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

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

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


BY: Lisa L. Smith -

TITLE Consultant for Raymond T. Duncan

To be filled in by Road Supervisor.

(1) Permit should be granted _____

Permit should not be granted _____

(2) Additional requirements which should be imposed.

ROAD SUPERVISOR

INSTRUCTIONS

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

(2) Mailing address of applicant.

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

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

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

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

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

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

CONFIDENTIAL

OPERATOR Raymond J. Duncan DATE 8-29-90

WELL NAME Mesa Top #1

SEC S14NE 16 T 42S R 05E COUNTY Langston

43-037-31549
API NUMBER

Indian (w)
TYPE OF LEASE

CHECK OFF:

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> PLAT. | <input checked="" type="checkbox"/> BOND | <input checked="" type="checkbox"/> NEAREST WELL |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD SLBM | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

Water Permit
Exemption Location

APPROVAL LETTER:

SPACING: R615-2-3 N/A UNIT R515-3-2
 N/A CAUSE NO. & DATE R615-3-3

STIPULATIONS:

1. Needs water permit
2. CC: BIA

CONFIDENTIAL
PERIOD
EXPIRED
ON 4-3-98



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

September 12, 1990

Raymond T. Duncan
1777 S. Harrison Street
Denver, Colorado 80210

Gentlemen:

Re: Mesa Top #1 - SW NE Sec. 6, T. 42S, R. 25E - San Juan County, Utah
1445' FNL, 1640' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Raymond T. Duncan
Mesa Top #1
September 12, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. 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 43-037-31549.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
Bureau of Indian Affairs
J. L. Thompson
WE14/1-4



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

OCT 05 1990

October 2, 1990

U. S. Department of the Interior
Bureau of Land Management
Farmington Resource Area
1235 LaPlata Highway
Farmington, New Mexico 87401

Attn: Ron Fellows

RE: Mesa Top #1
Section 6-T42S-R25E
San Juan County, Utah

43-037-31549

TAS

Gentlemen:

In reference to your letter of September 18, 1990 concerning deficiencies in the subject APD the following information is being provided.

Duncan plans to use the following cementing program at the subject well.

Conductor: 0-200'. Cement to surface 13-3/8" 48# H40 casing in 17-1/2" hole. Single stage cement w/250 sx class B w/3% CaCl₂. Yield 1.17 ft³/sx = 293 ft³. Casing hardware: float shoe @ 200'.

Surface: 0-1950'. Cement to surface 8-5/8" 24# J55 casing in 12-1/4" hole. Single stage cement w/1100 sx total w/1000 sx Class B 65-35 poz w/6% gel, 2% CaCl₂ tail w/100 sx Class B w/2% CaCl₂
lead yield 1.84 ft³/sx = 1840 ft³
tail yield 1.17 ft³/sx = 117 ft³
Total 1957 ft³

Casing hardware: Shoe @ 1950', float collar @ ±1910' centralizers every 4th jt from shoe jt to srfc.

Production: 0-6260'. Cement to 4700' 5-1/2" 15.5# J55 casing in 7-7/8" hole. Single stage cement w/400 sx Class B w/5#/sx (10%) salt, .75% friction reducer. Yield 1.18 ft³/sx = 472 ft³
Casing hardware: Shoe @ 6260', float collar @ 6220', 10 centralizers every other jt above float collar.

Should you have any questions, please contact me at (303) 759-3303.

Sincerely,

J. A. Bettidge
Operator's Superintendent

JAB/bw

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(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 proposal.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. BIA-14-20-603-373	
2. NAME OF OPERATOR Raymond T. Duncan		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe	
3. ADDRESS OF OPERATOR 1777 S. Harrison St. P-1 Denver, Co. 80210		7. UNIT AGREEMENT NAME NA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1445' FNL & 1640' FEL Sec 6 SWNE		8. FARM OR LEASE NAME Mesa Top	
14. PERMIT NO. 43-037-31549 <i>DRC</i>		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR. etc.) 5303' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 6 T42S R25E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

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

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

(Other) Notification of Spud

(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.)***

CONFIDENTIAL

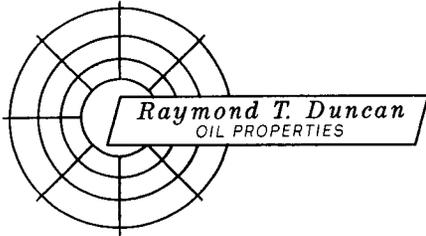
Raymond T. Duncan spud the subject well on December 8, 1990.

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

SIGNED *C. B. Hillard* TITLE Operations Superintendent DATE December 13, 1990

(This space for Federal or State office use)

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



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

12001531

December 27, 1990

State of Utah
Oil & Gas Conservations Commission
3 Triad Center, Suite 360
Salt Lake City, UT 84180

Gentlemen:

Following our telephone conversation of today, I have enclosed the copies of the sundry notices to notify you of the spud dates on the Cave Canyon #12-3 and the Mesa Top #1.

Should have any questions, please do not hesitate to call me at (303) 759-3303.

Sincerely,

A handwritten signature in cursive script, appearing to read "C B Willard".

Charlie Willard
Operations Superintendent

/nr
enclosures

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. BIA-14-20-603-373
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe
2. NAME OF OPERATOR Raymond T. Duncan		7. UNIT AGREEMENT NAME NA
3. ADDRESS OF OPERATOR 1777 S. Harrison St. P-1 Denver, Co. 80210		8. FARM OR LEASE NAME Mesa Top
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1445' FNL & 1640' FEL Sec 6 SWNE		9. WELL NO. #1
14. PERMIT NO. 43-037-31549		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5303' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 6 T42S R25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

Raymond T. Duncan spud the subject well on December 8, 1990.
This will be drilled by Veco Drilling Rig #5.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct
SIGNED *R. Byrd* TITLE Operations Superintendent DATE December 13, 1990

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OPERATOR RAYMOND T. DUNCAN

OPERATOR ACCT. NO. N 0360

ENTITY ACTION FORM - FORM 6

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11176	43-037-31549	MESA TOP #1	SWNE	6	42S	25E	SAN JUAN	12-8-90	12-8-90
WELL 1 COMMENTS: INDIAN-LEASE PROPOSED ZONE-DSCR FIELD-UNDESIGNATED (NEW ENTITY ADDED 2-6-91) <i>fer</i> UNIT-N/A											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. ROMERO (DOGM)

Signature

ADMIN. ANALYST

2-6-91

Title

Date

Phone No. () _____



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

JAN 07 1991
RECEIVED
SALT LAKE COUNTY

January 3, 1991

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

RE: Mesa Top #1-6
SW/NE Sec. 6-T42S-R25E
San Juan County, Utah

Gentlemen:

Enclosed for your approval is the Sundry Notice of Abandonment on the subject well.

Should you need any additional information, please contact me at (303) 759-3303.

Sincerely,

Beth Wolfarth
Engineering Technician

bw

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

CONFIDENTIAL

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. BIA-14-20-603-373</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Dry</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe</p>
<p>2. NAME OF OPERATOR Raymond T. Duncan</p>		<p>7. UNIT AGREEMENT NAME N/A</p>
<p>3. ADDRESS OF OPERATOR 1777 S. Harrison St., P-1, Denver CO 80210</p>		<p>8. FARM OR LEASE NAME Mesa Top</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1445' FNL & 1640' FEL SWNE Sec. 6</p>		<p>9. WELL NO. #1</p>
<p>14. PERMIT NO. 43-037-31549</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether DF, RT, GL, etc.) 5303' GR</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6-T42S-R25E</p>
		<p>12. COUNTY OR PARISH San Juan</p>
		<p>13. STATE UT</p>

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

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

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

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

Subject well was plugged at 9:00 a.m. on January 3, 1991 after receiving approval from Steve Mason of Farmington BLM at 11:30 a.m. on January 2, 1991.

Plugs:

65 sx 5000'-4800'
30 sx 1950'-1850'
20 sx 50'-0'

Log Tops:

Ismay 5823'
Hovenweep 5928'
Lower Ismay 5939'
Gothic 5973'

The location will be restored per BLM requirements. A Sundry Notice will be sent once this work is completed.

ACCEPTED BY THE STATE
OF UTAH
COMMISSIONER OF OIL AND GAS

DATE 1-10-91
BY *J.P. Matthews*

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

SIGNED *C.B. Willard* TITLE Operations Superintendent DATE 1/3/91
C. B. Willard

(This space for Federal or State office use)

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

RECEIVED
FEB 28 1991

CONFIDENTIAL

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN DUPLICATE*

DIVISION OF OIL & GAS COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.
BIA-14-20-603-373
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribe
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Mesa Top
9. WELL NO.
#1
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 6-T42S-R25E

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 P&A

2. NAME OF OPERATOR
RAYMOND T. DUNCAN

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1445' FNL & 1640' FEL SWNE Sec. 6
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-037-31549 DATE ISSUED 10/12/90
12. COUNTY OR PARISH San Juan 13. STATE UT

15. DATE SPUDDED 12/8/90 16. DATE T.D. REACHED 1/2/91 17. DATE COMPL. (Ready to prod.) 1/3/91 P&A 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 5303' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6185' 21. PLUG, BACK T.D., MD & TVD P&A 22. IF MULTIPLE COMPL., HOW MANY _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-6185 CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
P&A 25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
GRN-DIL-Sonic-CNL-Caliper CYBERLOOK MUD LOG 1-7-91 27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	44.5#	107'	17-1/2"	230 sx Class G & additives	None
8-5/8"	24#	1972'	12-1/4"	1300 sx Class G & additives	None

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)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

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

5. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED C. B. Willard TITLE Operations Superintendent DATE 1/3/91

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ismay	5823'	
Hovenweep	5928'	
Lower Ismay	5939'	
Gothic	5973'	

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.
BIA-14-20-603-373

6. If Indian, Allottee or Tribe Name
Navajo Tribe

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Mesa Top #1

9. API Well No.
43-037-31549

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
San Juan, UT

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.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1445' FNL & 1640' FEL SWNE Sec 6-T42S R25E

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)*

Subject well is ready for final inspection. Pits have been restored, and location seeded.

RECEIVED

SEP 09 1991

DIVISION OF
OIL GAS & MINING

cc: State of Utah Oil & Gas Division
3 Triad Center, Ste 350
Salt Lake City, UT 84180-1203

14. I hereby certify that the foregoing is true and correct
 Signed Maria O'Keefe Title Engineering Technician Date 9-5-91

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 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.