

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **12-21-84**
 LAND: FEE & PATENTED STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: **12-26-84 - OIL**

SPUDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____
 GRAVITY A.P.I. _____
 GOR: _____

PRODUCING ZONES: _____
 TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: *Application Rescinded 11-2-86*
 FIELD: **WILDCAT**

UNIT: _____

COUNTY: ~~Duchesne~~ *Undesignated*
 WELL NO. **WALKER/SAND PASS #6-21** API #**43-013-31057**

LOCATION **1978' FNL** FT. FROM (N) (S) LINE. **1926' FWL** FT. FROM (E) (W) LINE. **SE NW** 1/4 - 1/4 SEC. **21**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
4S	1W	21	WALKER ENERGY GROUP				

43-013-31057 -

2.

Walker
6-21
Gibbs
Sand Box

Not issued 11/27

Engineering
Wellsite Supervision
Lease Operating

COCHRANE RESOURCES, INC.

P.O. Box 1656
Roosevelt, Utah 84066
Phone (801) 722-5081

December 20, 1984

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

To Whom It May Concern:

The intent of this letter is to inform you that Cochrane Resources Inc., is acting as Agent on behalf of Walker Energy Group and Walker Exploration and Production Co. insofar as its Utah Properties in the Uintah Basin are concerned.

If you have any questions please contact Mr. Ken Allen, President, or Ellen Rasmussen, Office Manager for Cochrane Resources at 801-722-5081.

Sincerely Yours,



Ellen Rasmussen
Office Manager

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

BEST COPY AVAILABLE

6

12. Fee for Application and Permit Fee
 FEE
 13. Name of Applicant or Title Name
 14. Unit Assignment Name
 15. Farm or Lease Name
 Walker/Sand Pass
 16. Well No.
 6-21
 17. Field and Pool, or Wildcat
 WILDCAT
 undesignated
 18. Sec., T., R., M., or Bld. and Survey or Area
 Sec 21, T4S, R1W, USB&M
 19. County or Parish 20. State
 Duchesne Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
 DRILL DEEPEN PLUG BACK

2. Type of Well
 Oil Well Gas Well Other Single Zone Multiple Zone

3. Name of Operator
 Walker Exploration & Production Corp.
 Address of Operator
 260 North Belt Houston, Texas 77060

4. Location of Well (Report location clearly and in accordance with any State requirements.)
 At surface 1926' FWL, 1978' FNL Sec 21
 At proposed land zone SE 1/4 NW 1/4

14. Distance in miles and direction from nearest town or post office*
 5 1/2 miles SE of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest unit line, if any)
 5142' GR.

16. No. of acres in lease 160

17. No. of acres assigned to this well 80

18. Proposed depth 7200' *Wanted*

20. Rotary or cable tools Rotary

22. Approx. date work will start*
 January 5, 1985

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10 3/4"	8 5/8"	24#	300'	cement to surface
7 7/8"	5 1/2"	17#	7200'	cement as required

Proposed TD is 7200'. 7 7/8" hole will be drilled to TD and 5 1/2" production liner set to TD.

Surface casing will be set at 300' + ground level.

RECEIVED
 DEC 21 1984

APPROVED BY: *Shirley R. Baya*
 DATE: 12/26/84
 DIVISION OF OIL, GAS & MINING

24. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give DATA OF PROPOSED DEEPENING ZONE AND PLUG BACK PRODUCTION ZONE. If proposal is to drill or deepen directionally, give pertinent data on subsurface geology and measured and true vertical depths. Give blowout prevention program, if any.

Signed: *[Signature]* Title: Agent for Walker Exploration Date: 12-20-84

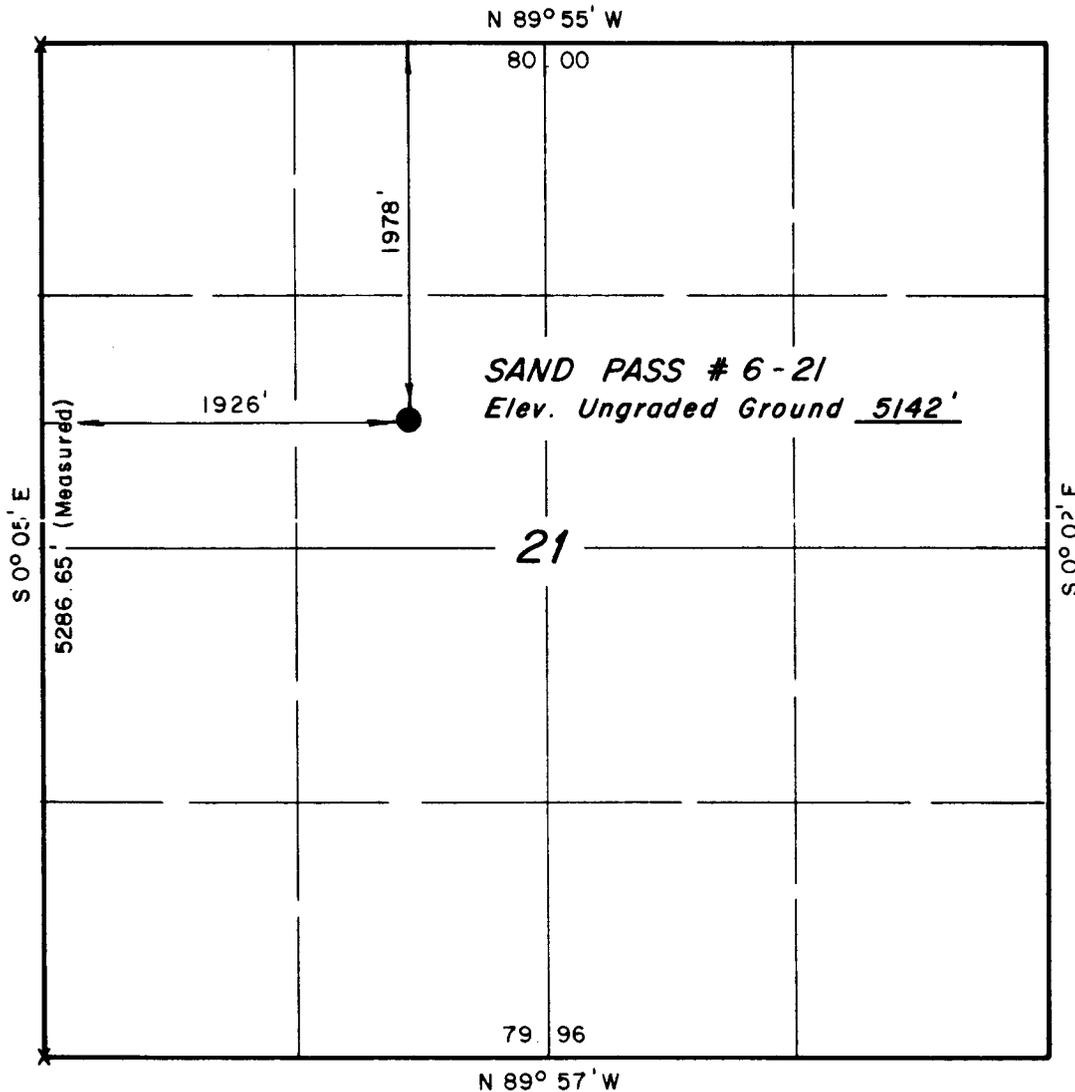
(This space for Federal or State office use)
 Permit No. _____ Approved Date _____
 Approved by _____ Title _____ Date _____
 Conditions of approval if any: _____

POOR COPY

T 4 S, R 1 W, U. S. B. & M.

PROJECT
WALKER EXPLORATION & PRODUCTION CORPORATION

Well location, *SAND PASS # 6-21*, located as shown in the SE 1/4 NW 1/4 Section 21, T4S, R1W, U.S.B. & M. Duchesne County, Utah.



CERTIFICATE

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

Nelson D. Marshall

REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 12 / 19 / 84
PARTY G. S. R. K. BFW	REFERENCES GLO Plat
WEATHER Cold	FILE WALKER

X = Section Corners Located

8 POINT COMPLIANCE PROGRAM

WELL NAME: WALKER EXPLORATION AND PRODUCTION INC.
SAND PASS 6-21

LOCATION: SE of NW SEC. 21, T4S, R1W, USM
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOP OF GEOLOGIC MARKERS:

Douglas Creek member of Green River Formation	5500'
Basial Green River	6800'
Wasatch	7000'

2. ESTIMATED TOPS OF ANTICIPATED WATER, OIL, GAS, OR MINERALS:

Water:	0 to 5000'
Oil and Gas:	5000' to 7200'

3. B.O.P. EQUIPMENT AND TESTING: (Minimum specifications)

The rig will be equipped with 10", 3000 PSI, double ram B.O.P.'s with a 10", 3000 PSI annular type B.O.P. Pipe rams and blind rams will be tested to 2000 PSI, and the annular B.O.P. will be tested to 1500 PSI before drilling out from the surface casing. Pipe rams will be operationally checked each day, and blind rams every trip out of the hole.

Accessories to B.O.P.'s include kelly cock, floor safety valve, and choke manifold of equivalent pressure rating.

4. DRILLING EQUIPMENT AND CASING PROGRAM:

- (A) Surface hole: 300' of 10 3/4" hole will be drilled with an air rig, and cased with 8 5/8", 24#, J-55 casing. The casing will be cemented to surface.
- (B) Main hole: 7200 of 7 7/8" hole will be drilled with a rotary drilling rig, and cased to surface with 5 1/2", 17#, J-55 casing if productive. Cement program will be determined at that time.

5. MUD PROGRAM AND MONITORING EQUIPMENT:

0' to 4500':	Drill with fresh water.
4500' to TD:	Drill with KCL water (Approximately 30,000 PPM chlorides).

No monitoring equipment will be used. Loss circulation and kicks will be determined from visual inspection of pit or mud logger, although neither is anticipated.

8 POINT COMPLIANCE PROGRAM

6. ANTICIPATED TESTING, LOGGING, CASING PROGRAMS:

(A) No DST's will be run.

(B) Logging program: DIL with Gamma Ray and Micro SFL from PBTD to 300'. FDC, CNL from PBTD to approximately 4500'. Mud log from 3000' to PBTD.

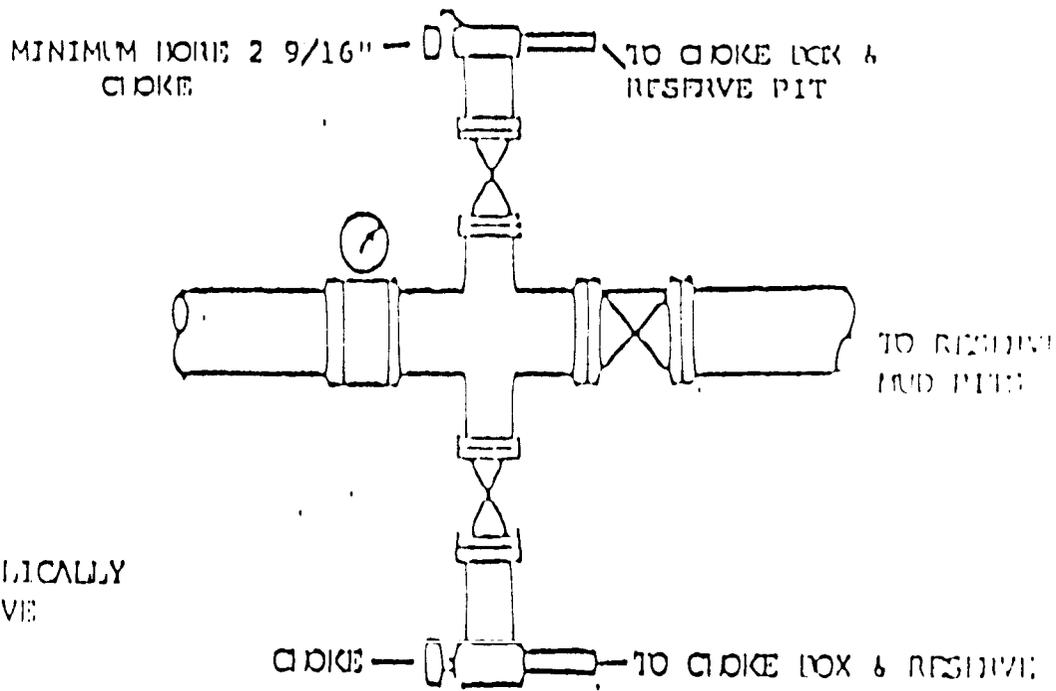
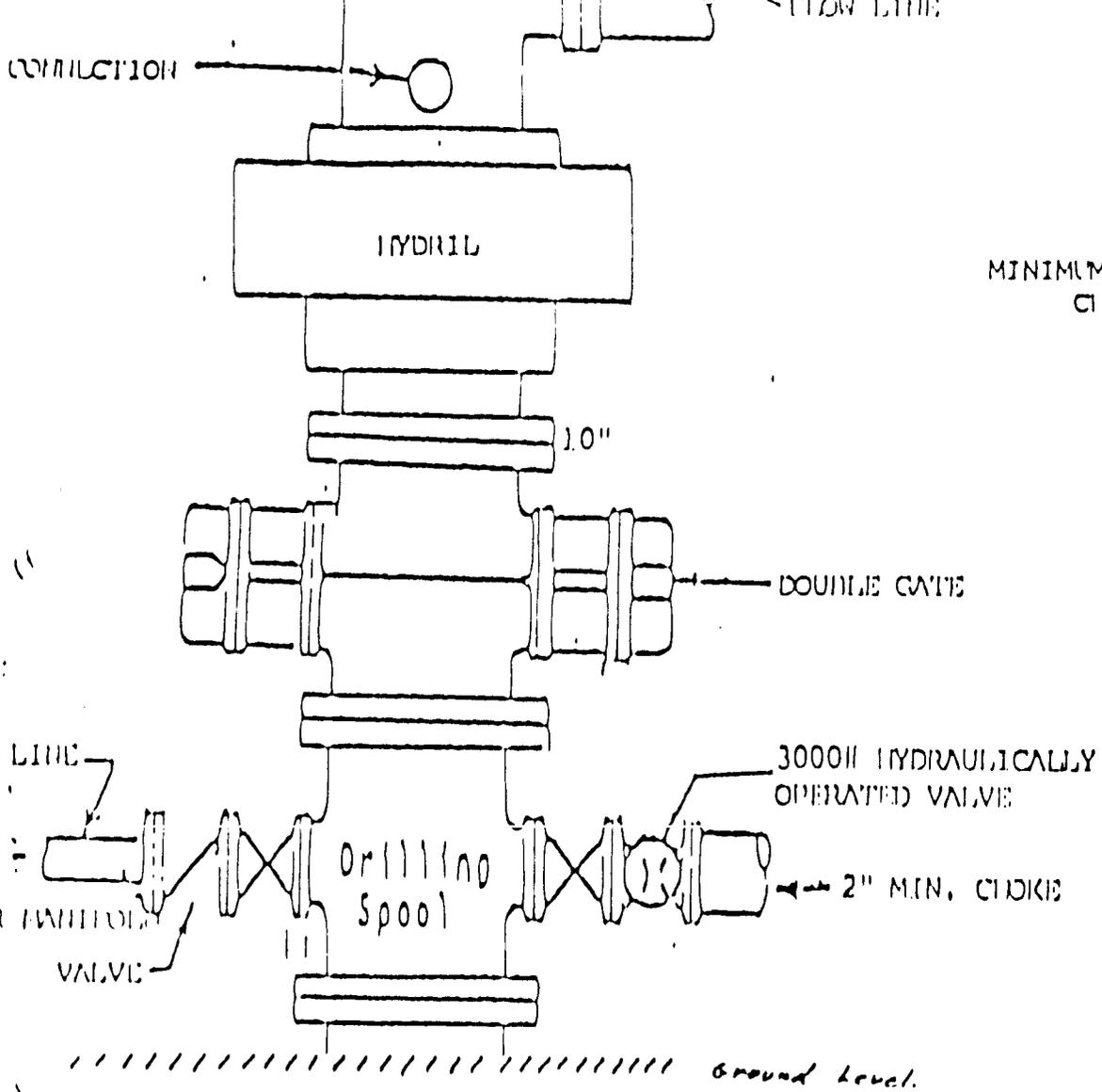
(C) No coring is anticipated.

7. ANTICIPATED ABNORMAL PRESSURE TEMPERATURE OR HAZARDS:

None anticipated.

8. ANY OTHER PLANS OR CONDITIONS:

The anticipated starting date is January 5, 1985 if all conditions can be met. Drilling operations are expected to last 10 days from spud to rig release.



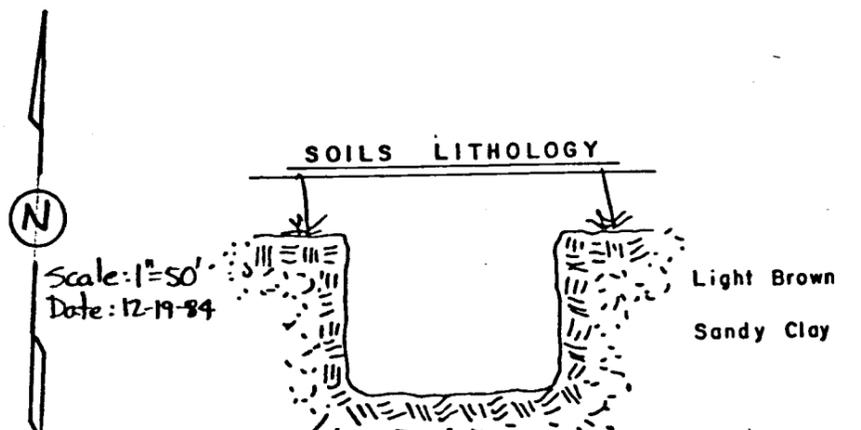
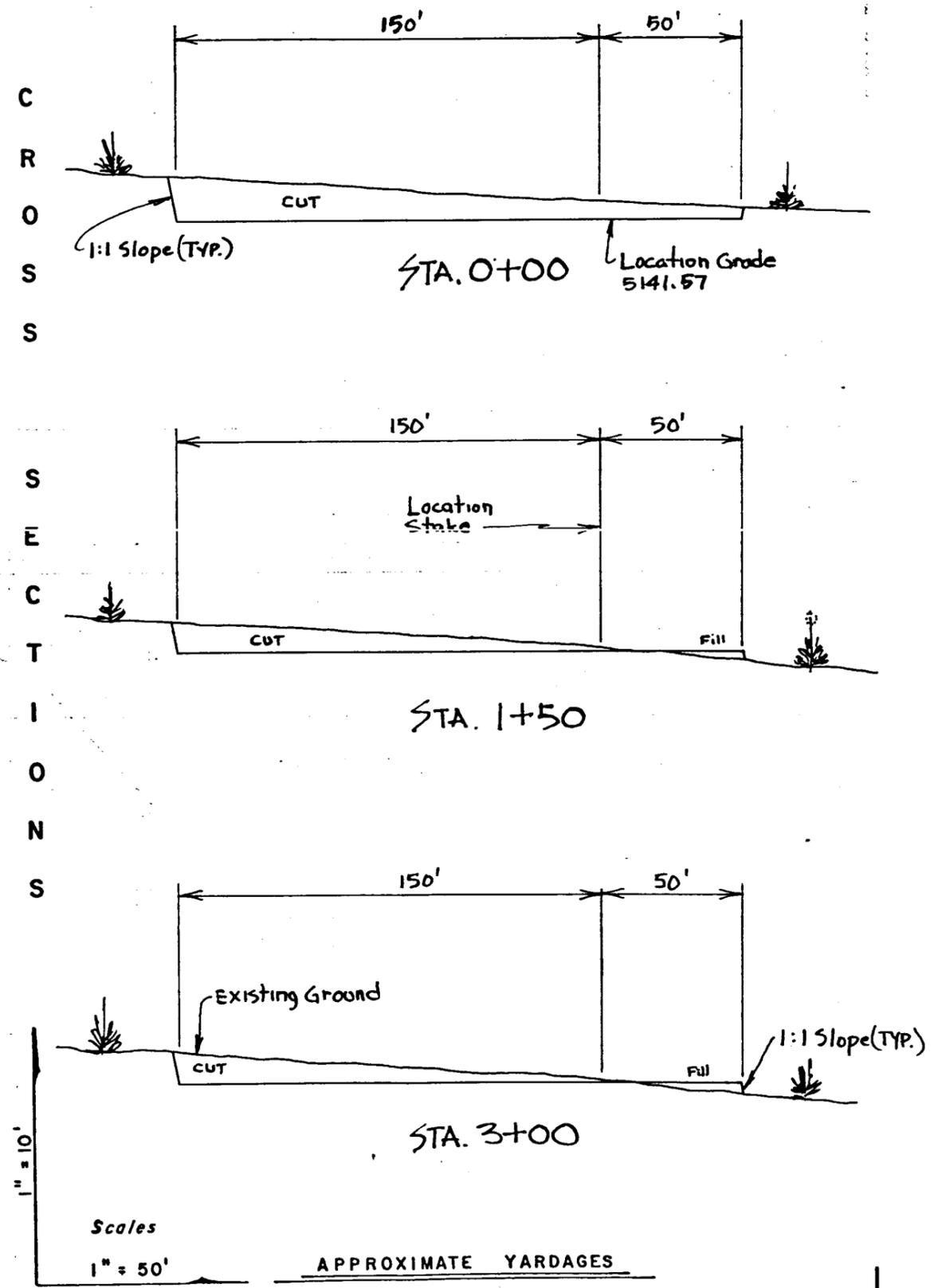
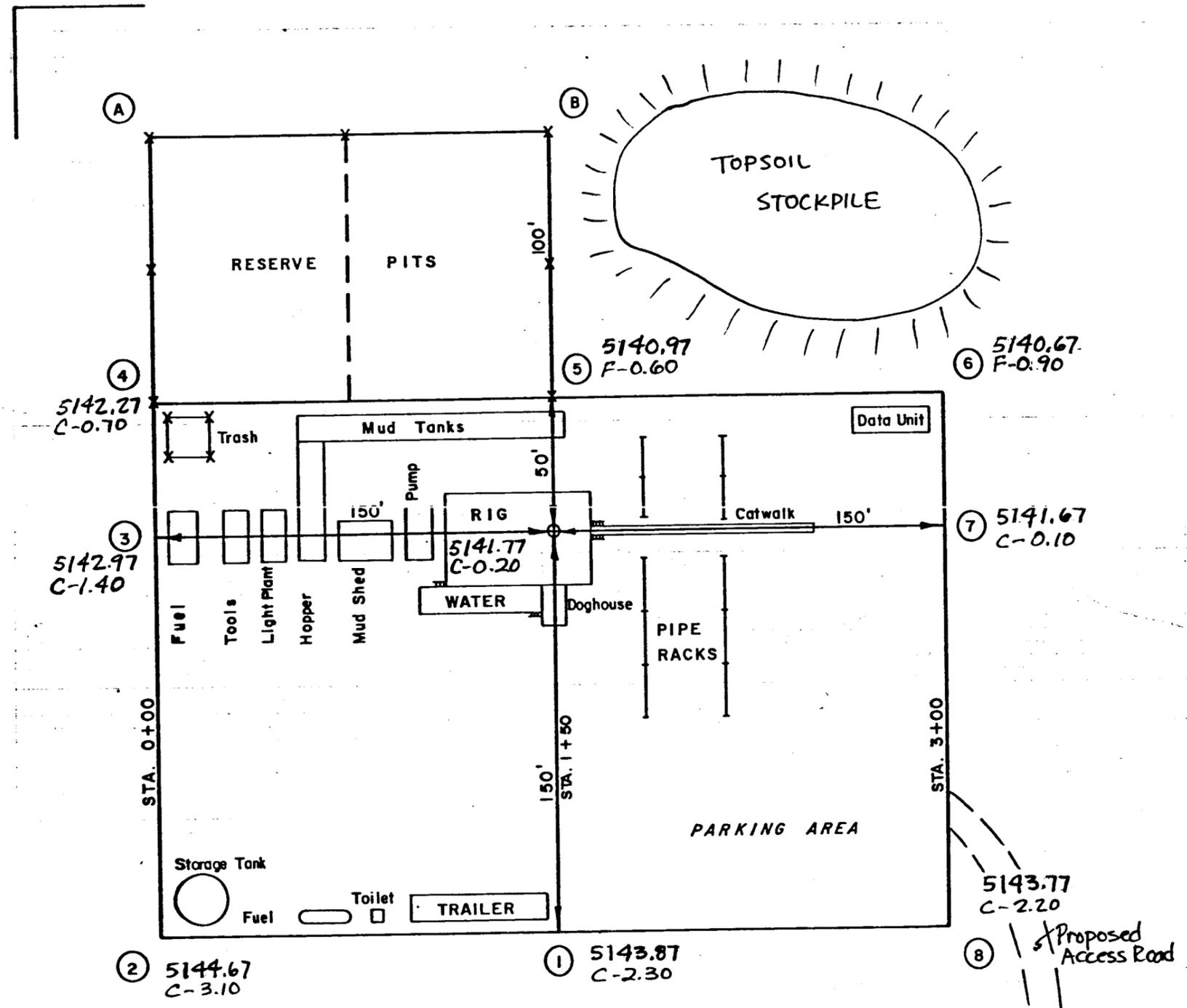
PPC

DIAGRAM "C"

WALKER EXPLORATION & PRODUCTION CORP.

SAND PASS 6 -21

WALKER EXPLORATION & PRODUCTION CORPORATION
SAND PASS 6-21



APPROXIMATE YARDAGES

Cu. Yds. Cut - 2805.64

Cu. Yds. Fill - 126.73

TOPO.

MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface **—————** Unimproved road fair or dry weather **-----**



QUADRANGLE LOCATION

UTAH

DUCHESE CO
UINTAH CO

MYTON, UTAH

5 MILES

2.3 MI

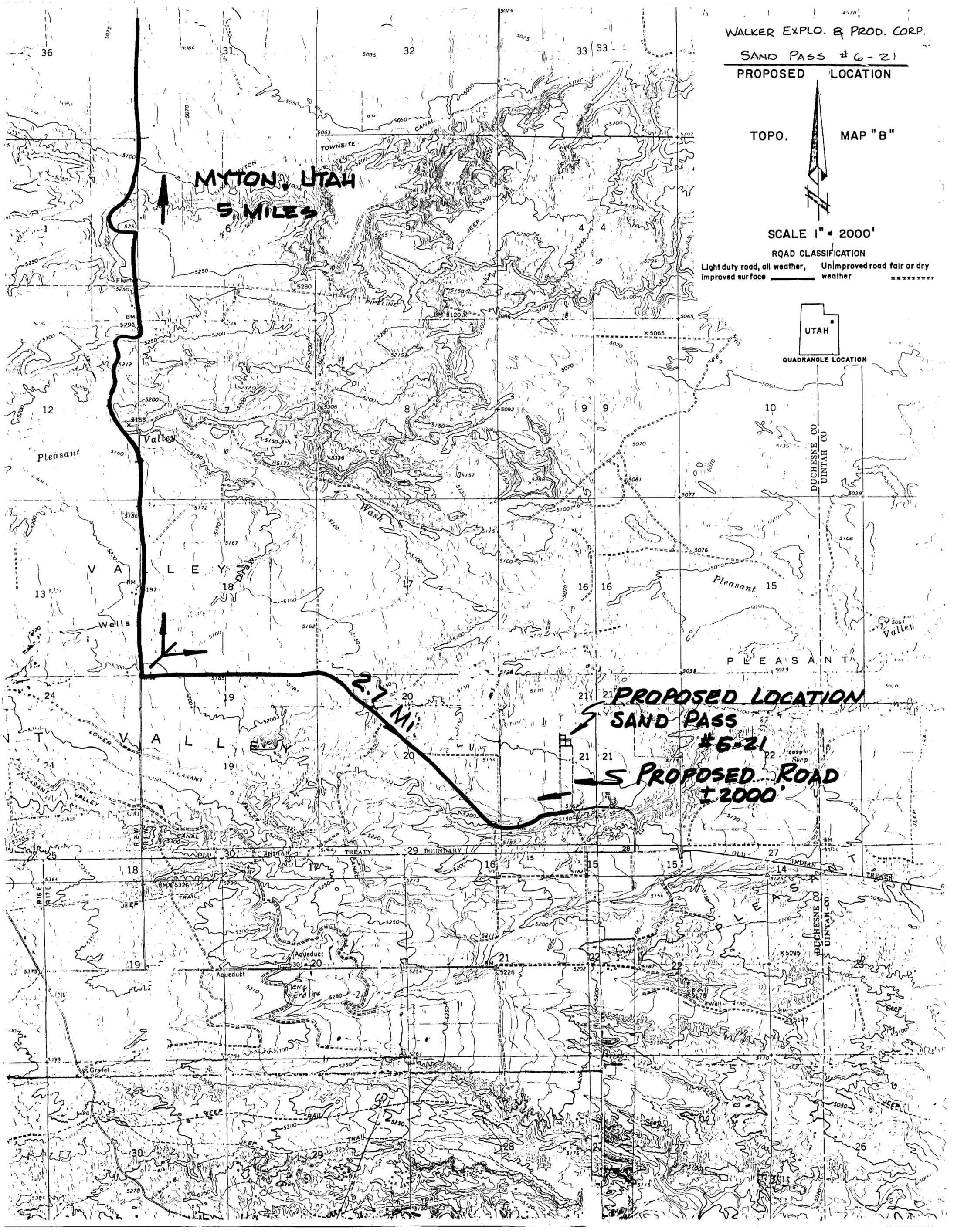
PROPOSED LOCATION

SAND PASS

6-21

PROPOSED ROAD

± 2000'



TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

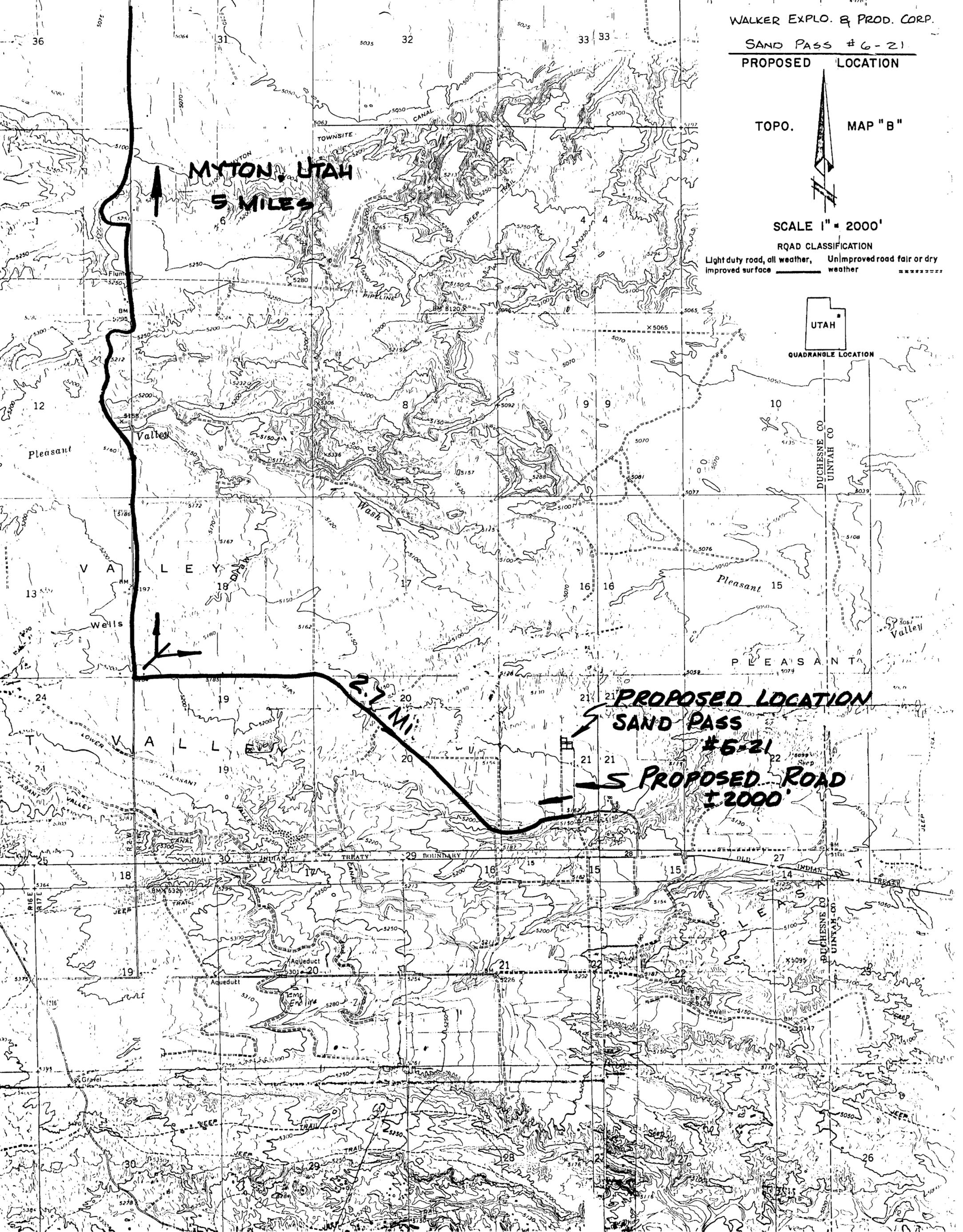
Light duty road, all weather, improved surface **—————** Unimproved road fair or dry weather **-----**



QUADRANGLE LOCATION

UTAH

DUCHESE CO
UINTAH CO



MYTON, UTAH
5 MILES

2.3 MI

PROPOSED LOCATION
SAND PASS
#6-21
PROPOSED ROAD
1:2000'

Pleasant

Valley

V A L L E Y

Wells

LOWER V A L L E Y

Wash

Pleasant

P L E A S A N T

Valley

TREATY BOUNDARY

P L E A S A N T

DUCHESE CO
UINTAH CO

Gravel

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

OPERATOR Walker Energy Exploration Group DATE 12/21/84
WELL NAME Walker Sand Prod 6-21
SEC SE NW 21 T 45 R 14 COUNTY Duchesne

43-013-31057
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 1000'
Need Water permit

APPROVAL LETTER:

SPACING: A-3 _____ UNIT

c-3-a _____ CAUSE NO. & DATE

c-3-b

c-3-c

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

December 26, 1984

Walker Energy Group
260 North Belt
Houston, Texas 77060

Gentlemen:

Re: Well No. Walker/Sand Pass #6-21 - SE NW Sec. 21, T. 4S, R. 1W
1978' FNL, 1926' FWL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-5 (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.

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

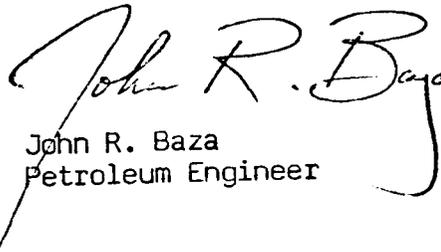
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (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.

Walker Energy Group
Well No. Walker/Sand Pass #6-21
December 26, 1984
Page 2

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 43-013-31057.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza". The signature is written in dark ink and is positioned above the typed name and title.

John R. Baza
Petroleum Engineer

as
Enclosures
cc: Branch of Fluid Minerals



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

453 South Carbon Avenue • P.O. Box 718 • Price, UT 84501 • 801-637-1303

April 22, 1985

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

Re: Temporary Change No. 85-47-5

Dear Arlene:

Enclosed for your records, is a copy of the above referenced Temporary Change Application, which has been approved.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark P. Page".

Mark P. Page
Area Engineer

Enclosure

MPP/mjk

RECEIVED

APR 25 1985

**DIVISION OF OIL
GAS & MINING**

WALKER ENERGY

TEMP APPLICATION TO APPROPRIATE WATER STATE OF UTAH

Application No. T-60589 47-1742

NOTE - The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- 1. Irrigation [] Domestic [] Stockwatering [] Municipal [] Power [] Mining [] Other Uses []

2. The name of the applicant is Matalator Service

3. The Post Office address of the applicant is Box 1598 Roosevelt Ut. 84066

4. The quantity of water to be appropriated second-feet and/or 8 acre-feet

5. The water is to be used for oil well Drilling from Jan 1 85 to Jan 1 86

other use period from to (Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from to (Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is

7. The direct source of supply is* Pleasant Valley Wash (Name of stream or other source)

which is tributary to, tributary to

*Note.-Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point N 2000' From the SW cor sec 3, T4S, R1W USB&M

*Note.-The point of diversion must be located definitely by course and distance or by giving the distances north or south and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of Pumped into trucks and hauled to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet height of dam area inundated in acres legal subdivision of area inundated

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

Total Acres

12. Is the land owned by the applicant? Yes No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes No X If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity.

15. If application is for mining, the water will be used in Mining District at the mine, where the following ores are mined

16. If application is for stockwatering purposes, number and kind of stock watered 6-21 43-013-31057 PA

17. If application is for domestic purposes, number of persons, or families

18. If application is for municipal purposes, name of municipality

19. If application is for other uses, include general description of proposed uses oil well Drilling & Completion

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Sec 21, T 4S, R1W, USB&M For the Walker Energy 6-21 & 14-21 43-13-31069

21. The use of water as set forth in this application will consume 8 second feet and/or acre-feet of water and None second feet and/or acre feet will be returned to the natural stream or source at a point described as follows:

14-21 43-013-31069 PA



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

January 2, 1986

Walker Energy Group
260 North Belt
Houston, Texas 77060

Gentlemen:

Re: Well No. Walker/Sand Pass #6-21 - Sec. 21, T. 4S, R. 1W
Duchesne County, Utah - API # 43-013-31057

Due to excessive time delay in commencing drilling operations approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice. If any operations have been performed on this well location it is imperative that you notify this division immediately.

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

cc: Dianne R. Nielson
Ronald J. Firth
File

0320/15