

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Location Abandoned - Well never drilled - 9-29-82

DATE FILED 3-10-80

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-02140

INDIAN

DRILLING APPROVED: 3-19-80 GW

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 9-29-82

FIELD: Greater Cisco Area 3/8c

UNIT:

COUNTY: Grand

WELL NO. Federal 10-2

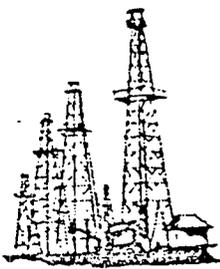
API NO. 43-019-30618

LOCATION 1605' FT. FROM (W) (S) LINE,

2041' FT. FROM (E) (W) LINE, NW SE 10

1/4 - 1/4 SEC. 10

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				20S	21E	10	REX MONAHAN



BURKHALTER ENGINEERING

588 - 25 Road
Grand Junction, CO 81501
Telephone (303) 242-8555

*Petroleum and Energy Consultants
Registered in Rocky Mountain States*

March 6, 1980

Mr. Edgar W. Gynn, District Engineer
U.S. Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Rex Monahan Federal Well No. 10-2, NE SE Sec.10, T20S, R21E, Grand County
Utah, Lease No. U-02140

Rex Monahan Federal Well No. 24-2, NW SW Sec.24, T20S, R21E, Grand County
Utah, Lease No. U-02139

Dear Mr. Gynn:

Enclosed are Applications for Permit to Drill for the above referenced locations.

Both of these locations are twins to existing wells. The locations were approved by the Utah Division of Oil, Gas and Mining at their meeting October 24, 1979, and designated Cause No. 102-23. Mr. Monahan wishes to drill the wells to complete in different zones than the existing wells.

It is believed that the Applications are full and complete, but if you find something remiss, please let me know at your earliest convenience.

Very truly yours,

J.N. Burkhalter

cc: Mr. Jack Feight
Utah Division of Oil, Gas and Mining ✓
1588 West North Temple
Salt Lake City, Utah 84116.

Mr. Rex Monahan
P.O. Box 1231
Sterling, Colorado 80751

RECEIVED

MAR 10 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Rex Monahan

4. ADDRESS OF OPERATOR
 P.O. Box 1231, Sterling, Colorado 80751

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 2041' FEL, 1605' FSL NWSE
 At proposed prod. zone same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles NW of Cisco, Utah

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1035'

8. NO. OF ACRES IN LEASE
 2560

9. NO. OF ACRES ASSIGNED TO THIS WELL
 160

10. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 100'

11. PROPOSED DEPTH
 3600

12. ROTARY OR CABLE TOOLS
 Rotary

13. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5392 GR

14. APPROX. DATE WORK WILL START*
 when permit received

15. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24 lb.	200'	Class G Circulate
6 3/4	4 1/2	10.5 lb.	3600'	100 sx RFC

Propose to test Salt Wash member of Morrison Formation.
 Surface Use Plan attached: NOTE: Water Sands are not anticipated.
 Surface FMN - Mancos Shale
 Estimated tops: Dakota 2350
 Morrison 2500
 Entrada 3150

Pressure Control: Schematic attached showing BOP, kill lines, check valves and pressure ratings. See Seven Point Plan attached.

Logging: DIL & FDC-CNL. No coring planned.

Hazards: Experience does not indicate that abnormal pressures or hydrogen sulfide will be encountered.

Starting Date: When permit received. Ten days is the estimated operating time.

16. 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.

17. SIGNED [Signature] TITLE Operator DATE 3-5-80

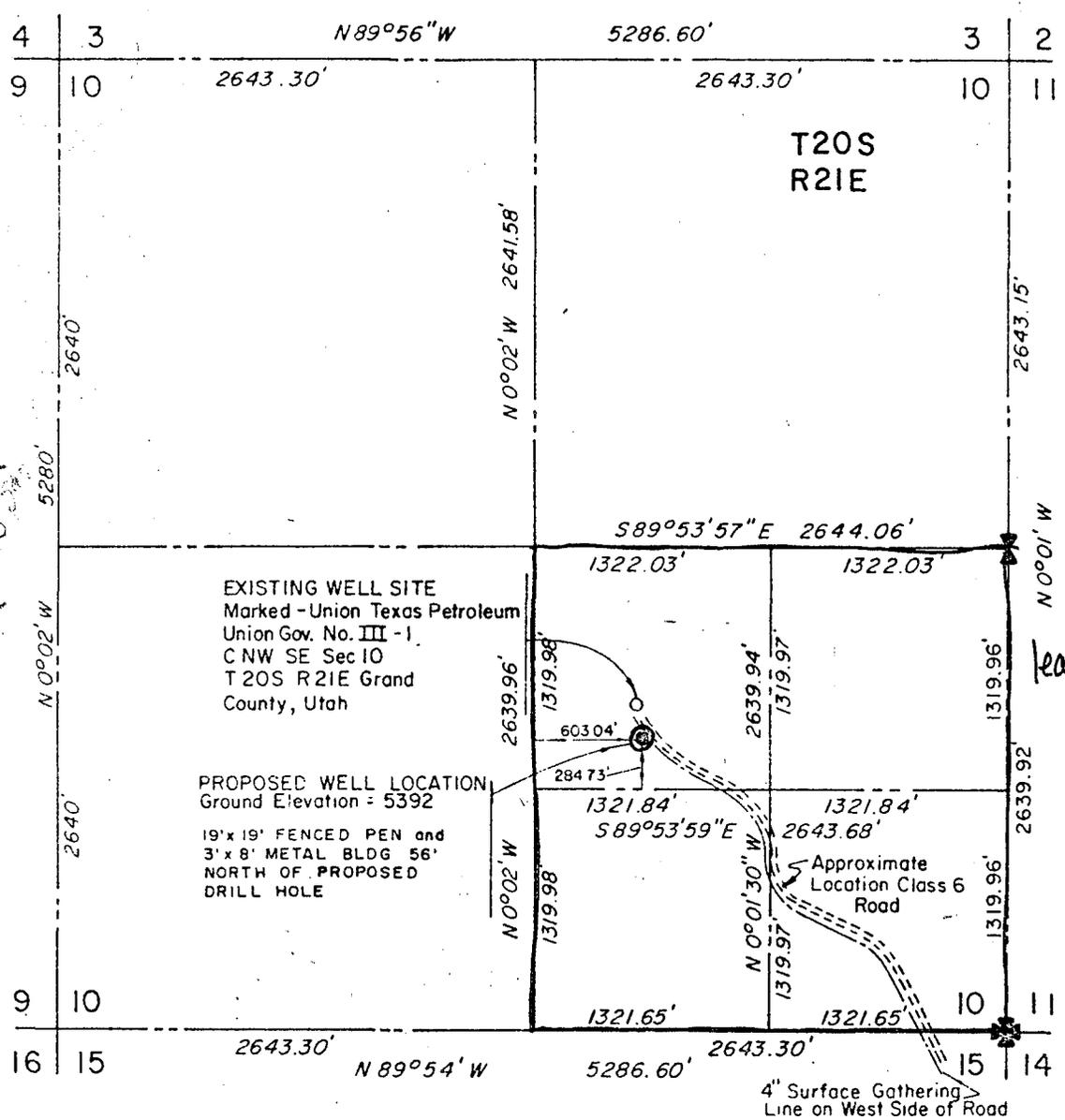
PERMIT NO. 43-019-30618 APPROVAL DATE 3/13/80

APPROVED BY _____ TITLE _____ DATE MAR 10 1980

RECEIVED

MAR 10 1980

DIVISION OF OIL, GAS & MINING



NOTES:

INFORMATION GIVEN IN VERTICAL LETTERING IS DERIVED FROM FIELD SURVEYS MADE ON AUGUST 8, 1979.

INFORMATION GIVEN IN SLANT LETTERING IS CALCULATED BASED ON G.L.O. DATA

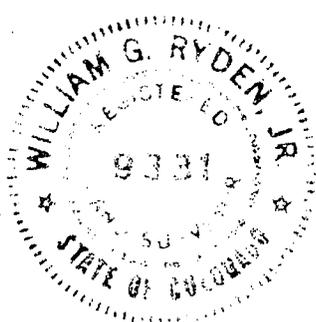
✠ INDICATES G.L.O. SECTION CORNER FOUND AS SHOWN

⌘ INDICATES G.L.O. 1/4 CORNER FOUND AS SHOWN

ELEVATION BASED ON MEAN SEA LEVEL DATUM



This is to certify that on the 30th day of August 1979, a survey was made under my direct supervision of the above described property, and that all information pertinent to said real property is accurately shown on the above plat.



William G. Ryden
 Colorado Registered Land Surveyor
 LS 9331

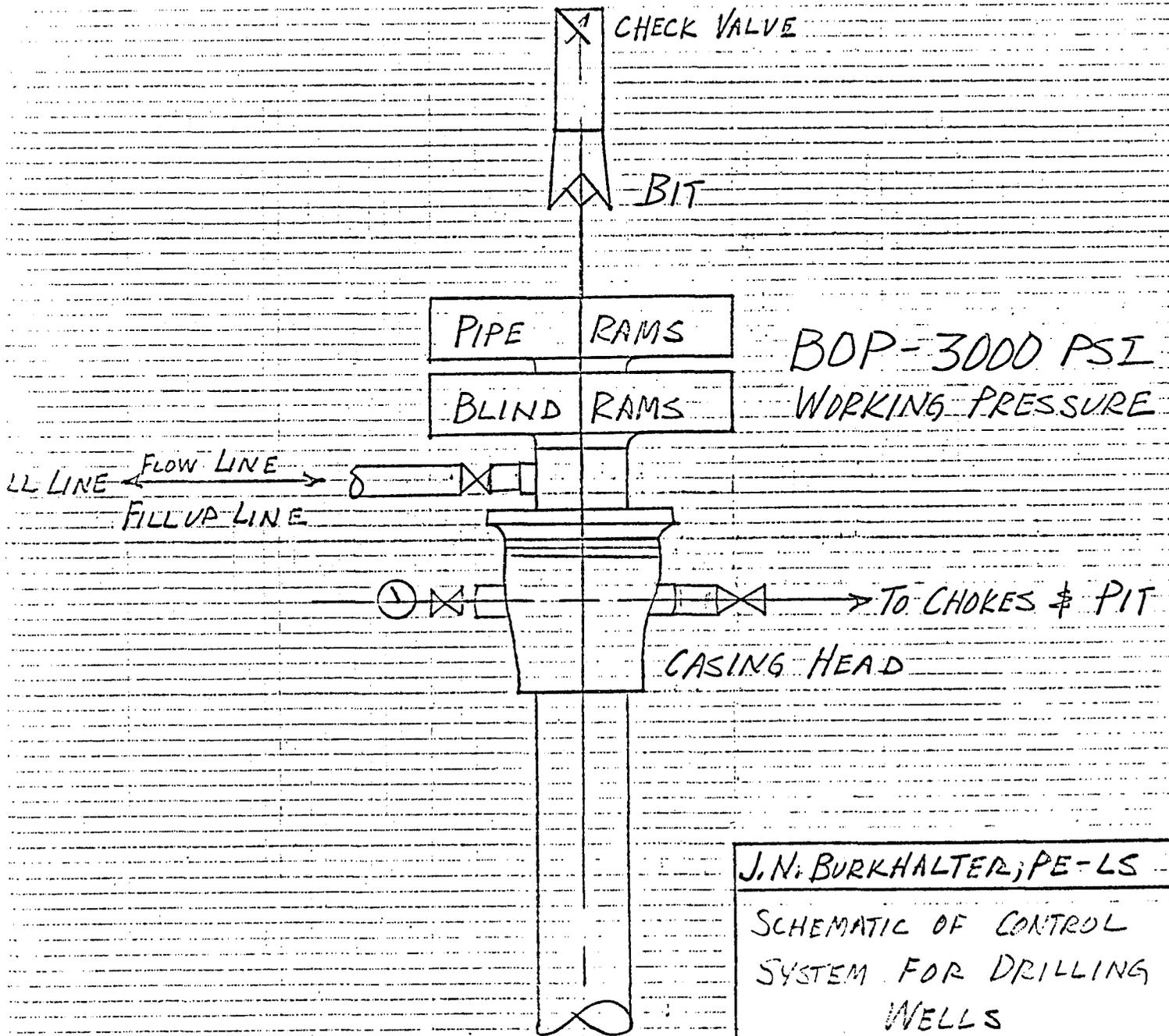
	COLORADO WEST SURVEYING COMPANY COMPREHENSIVE LAND PLANNING COMPLETE SURVEYING SERVICE	NO.	DATE	REVISION	BY
	835 Colorado Avenue Grand Junction, Colorado 81501 303 245-2767	REX MONAHAN STERLING, COLORADO Drill Hole - Federal 10-2 NW 1/4 SE 1/4, Section 10, T20S, R21E, S.L.B. & M. Federal Lease No. U02140 GRAND COUNTY, UTAH			
SCALE 1" = 1000'		DATE: 8/31/79	DES. DWH	DR.	CK.

RE: Monahan Federal 10-2
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec 10, T20S, R21E
Grand County, Utah

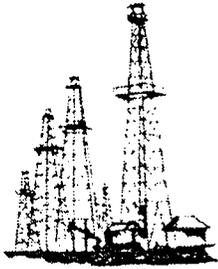
PRESSURE MONITORING AND CONTROL DATA

SEVEN POINT PLAN

1. Surface Casing: set at 200'
Size 8 5/8"
Weight 24#
Length Range 3
Grade J-55 new. Tested to 3000 psig.
2. Casing Heads:
Series 600 - 1500 psi working pressure.
3. Production Casing:
Size 4 $\frac{1}{2}$ "
Weight 10.5#
Length Range 3
Grade J-55, new, tested to 3000 psig.
4. Pressure Control:
BOP RAM Type
Series 600 - tested to 3000 psig
Rams Pipe & Blind
Will use fill, kill and choke lines.
5. Auxiliary Pressure Control:
 - a. Kelly cocks.
 - b. Check valve at bit.
 - c. Monitoring equipment on mud system.
 - d. A sub on floor with a full opening valve to be stabbed into drill pipe when Kelly is out of string.
6. Anticipated Bottom Hole Pressure:
1000 psig.
7. The Type of Drilling Fluid:
Air until gas encountered.
Mud up with Gel Chemical mud with weight to meet conditions existing at the well.



J. N. BURKHALTER, PE-LS
 SCHEMATIC OF CONTROL
 SYSTEM FOR DRILLING
 WELLS



*Petroleum and Energy Consultants
Registered in Rocky Mountain States*

BURKHALTER ENGINEERING

588 - 25 Road
Grand Junction, CO 81501
Telephone (303) 242-8555
(303) 242-8675

REX MONAHAN

13-Point Surface Use Plan
for
Well Location

Federal Well No. 10-2
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec 10, T20S, R21E

Grand County, Utah

1. Existing Roads: The attached topographic Map "A" is legible and shows:
 - A. The proposed well site as staked. Site is referenced by two each 200' directional reference stakes.
 - B. To reach Monahan Federal 10-2 in the NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec 10, T20S, R21E, proceed Southwesterly from Cisco 3.8 miles to the Windy Mesa Road; proceed Northwesterly on Windy Mesa Road for approximately 13.3 miles; turn Northerly for 1/2 mile to fork, take left fork, proceed 1.0 mile to the location.
 - C. The access road is labeled on the attached Topographic Map "A".
 - D. The well is not exploratory.
 - E. The well is a development well, and all existing roads within a one-mile radius of the well site are shown.
 - F. The road to the location is in good condition and no improvement is necessary.

2. Planned Access Roads: See attached Topographic Map "A".

- (1) (2) (3) No new access road or upgrading will be necessary for this well.
- (4) Normal meteorological conditions do not require an elaborate drainage plan. Terrain is moderate.
- (5) No culverts will be required.
- (6) Surfacing material will be the native material which is primarily Mancos.
- (7) There will be no new necessary gates, cattleguards or fence cuts.
- (8) Since there will be no new roads required, there will not be any center line flagging.

3. Location of Existing Wells:

This well is considered a development well; therefore, a one-mile radius circle has been drawn around the prospective location on attached Topographic Map "A".

- (1) There are no water wells within the one-mile circle.
- (2) Abandoned wells are shown on attached Topographic Map "A".
- (3) There are no temporarily abandoned wells within the one-mile radius.
- (4) There are no disposal wells within the one-mile radius.
- (5) There are no drilling wells at the present time within the one-mile radius.
- (6) There are 17 producing wells at this time within the one-mile radius.
- (7) There are no shut-in wells within the one-mile radius.
- (8) There are no injection wells within the one-mile radius.
- (9) There are no monitoring or observation wells for other resources within the one-mile radius.

4. Location of Existing and/or Proposed Facilities:

A. There are production facilities owned or controlled by lessee/operator such as:

- (1) No tank batteries
- (2) Gas well production facilities
- (3) No oil gathering lines
- (4) No gas gathering lines
- (5) No injection lines
- (6) No disposal lines.

B. At the present time we are not sure whether we will find a dry hole, an oil well or a gas well. The well is classified a development well due to the proximity of other drilling. The geology in the area is, however, quite difficult. Therefore, we cannot be sure just what we are going to get. We would respectfully request permission to submit a plan for production facilities when we know what we are going to get with this well.

C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

We plan to rehabilitate all necessary areas during the fall months of 1982 to the prescribed program set by the Bureau of Land Management. This includes land contours and revegetation.

5. Location and Type of Water Supply:

A. Water for the drilling operation will be obtained from Nash Wash approximately two miles by road Southeast of the proposed location.

B. Water will be transported by a regular oil field water truck on the access road shown on the attached Topographic Map "A".

C. There will be no water wells drilled on the lease.

6. Source of Construction Materials:

A. No additional construction materials will be required.

B. Since no construction materials will be required, none will come from Federal of Indian land.

C. There will be no construction materials used at this time.

D. The needed access roads are existing established roads and cross Federal lands. Rex Monahan is committed to restore damaged roads to good condition.

7. Methods for Handling Waste Disposal:

Waste material will be disposed of as follows:

- (1) Cuttings - during air drilling, cuttings will be blown into the pit where they can be covered up and disposed of.

- (2) Drilling fluids such as mud will be contained in steel tanks and excess resulting from cementing and similar operations will be disposed of in the pit.
- (3) Produced fluids such as oil will be contained in storage tanks for purification and sale.
- (4) Water will be contained in a fenced pit and disposed of as necessary.
- (5) There will be a chemical toilet on location to handle human waste.
- (6) Garbage and other waste material will be contained in a trash cage and hauled to the nearest landfill area.
- (7) The well site will be cleaned up as the rig is moved out by crews attached to the rig. The site will be left clean and free of garbage and/or trash.

8. Ancillary Facilities:

There will be no camps nor air strips required by the proposed well.

9. Well Site Layout:

Exhibit "B" is included. Scale is 1" = 50 feet.

- (1) Cut or fill on drill pad should not exceed 4 feet.
- (2) Location of mud tanks, reserve pit, trash cage, pipe racks, living facilities are all shown on Exhibit "D".
- (3) The rig is oriented on the plat; parking areas and access roads are clearly shown.
- (4) Pits will be unlined for drilling operations. Pits will be located so as not to be in bank of Dry Wash on West side of site.

10. Plans for Restoration of Surface:

- (1) If we get a dry hole, backfilling, leveling, contouring, and waste disposal will be performed at the direction of Bureau of Land Management. Stockpiled topsoil will be used as directed.
- (2) Revegetation and rehabilitation carried out per BLM recommendation.
- (3) Prior to rig release, pits will be fenced or closed in so as to protect livestock and wildlife.
- (4) If there is any oil on the pit, it will be removed.
- (5) The time table for commencement and completion of rehabilitation operations is the Fall of 1982. We plan to have this work done prior to October 31, 1982.

11. Other Information:

- (1) See attached Map "A" for the topography in the area of the proposed location. Surface is eroded Mancos Shale covered by sparse sage brush and grasses. The geology is upper Mancos Shale. The animals present are a few rabbits, ground squirrels, an occasional coyote, an occasional bobcat, hereford cattle and horses.
- (2) Surface use activities other than drilling would be for the grazing of cattle and horses. The surface ownership is all Federal Government in the area of the proposed location.
- (3) There is some surface water at Nash Wash, 1½ miles from the proposed location. The Cunningham Ranch lies one mile Southwesterly of the proposed site.

12. Lessee's or Operator's Representative:

J. N. Burkhalter
588 25 Road
Grand Junction, CO 81501
(303) 242-8555

13. Certification

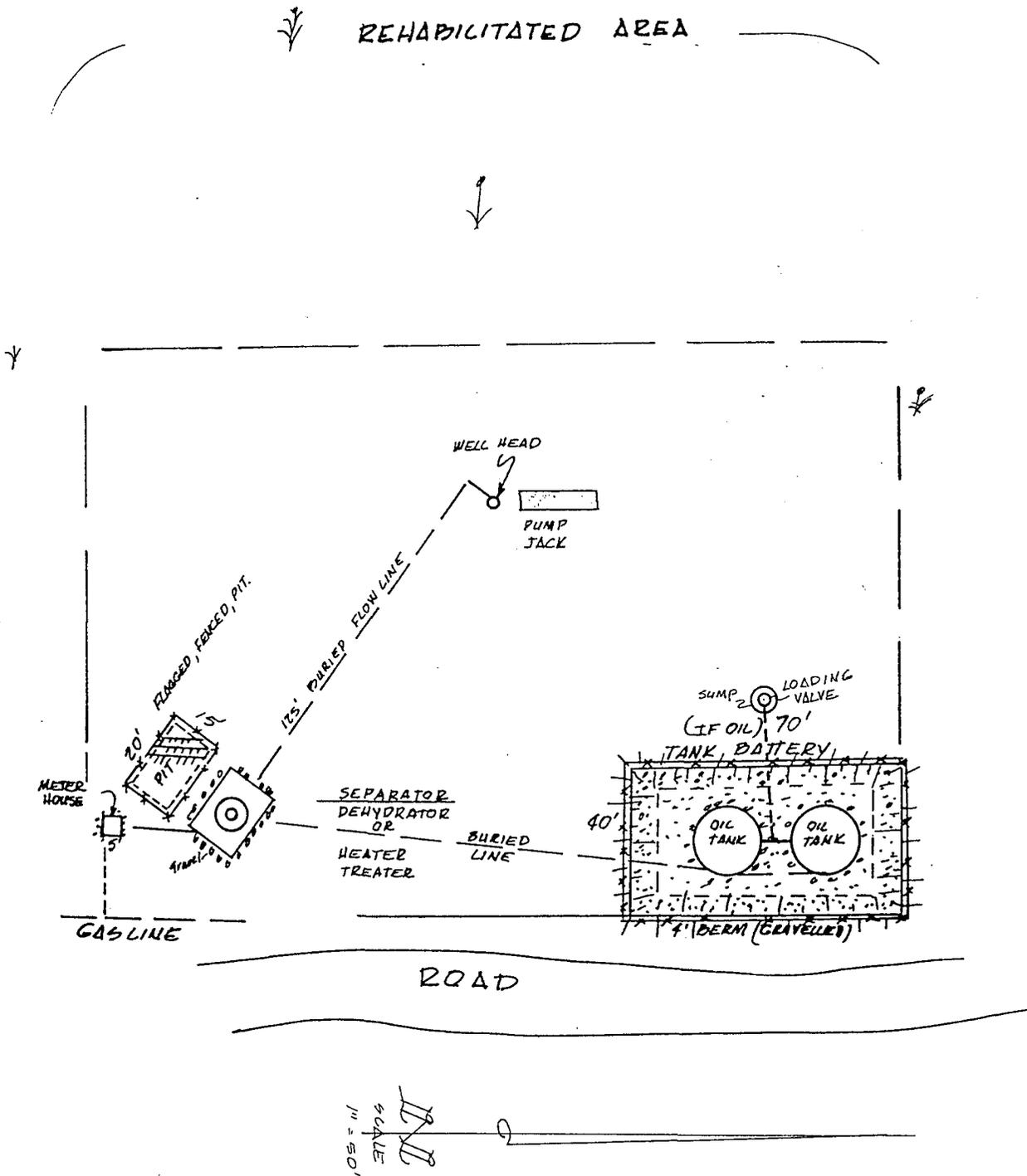
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access routes; that I am familiar with the conditions which presently exist; that the statements made in this plan, to the best of my knowledge, are true and correct; and, that the work associated with the operation proposed herein will be performed by Starner Drilling Company and its contractors and subcontractors, if available, in conformity with this plan and the terms and conditions under which it is approved.

2-16-02
Date

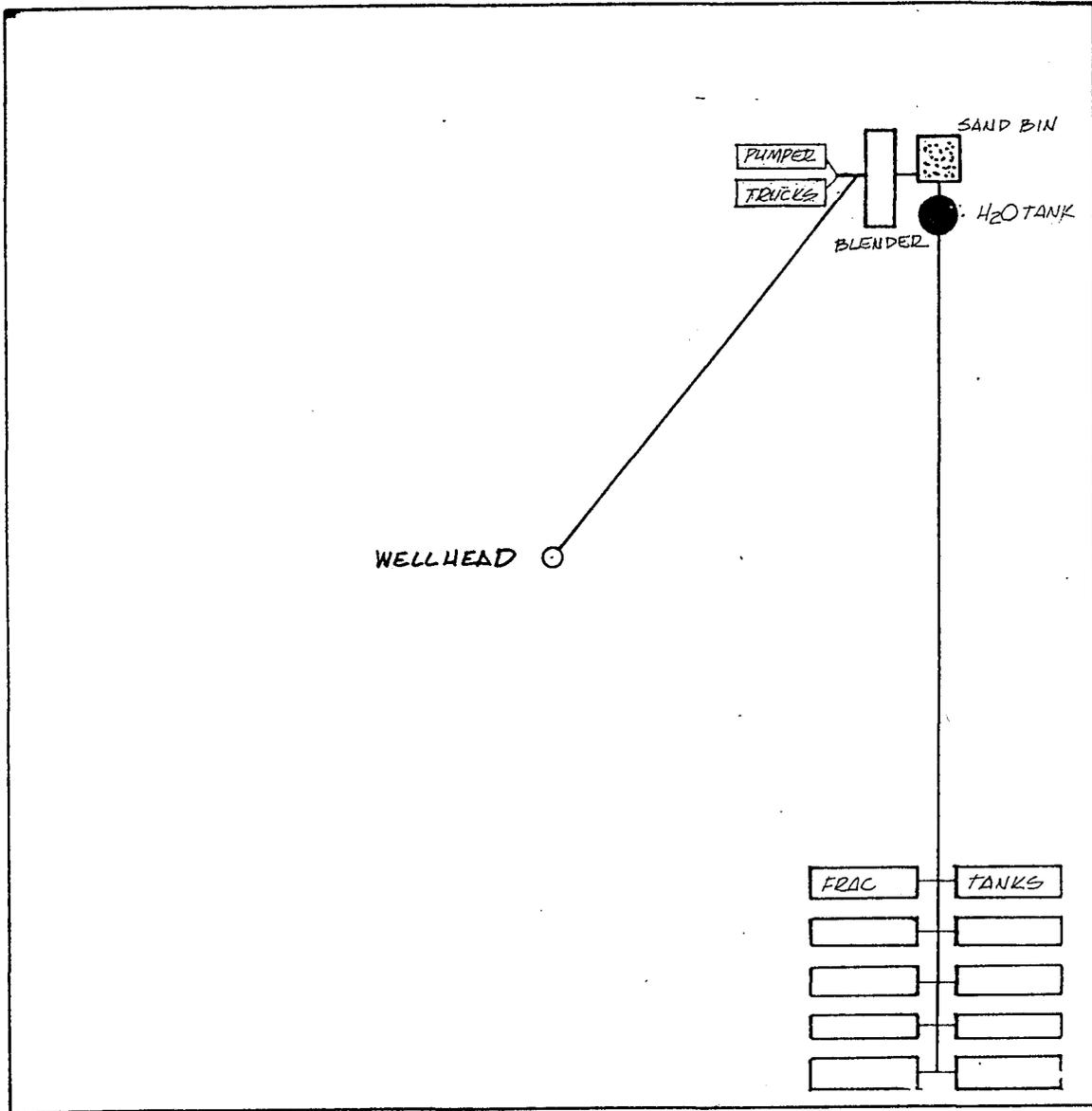
J. N. Burkhalter, Agent
Name and Title

EXHIBIT "I"

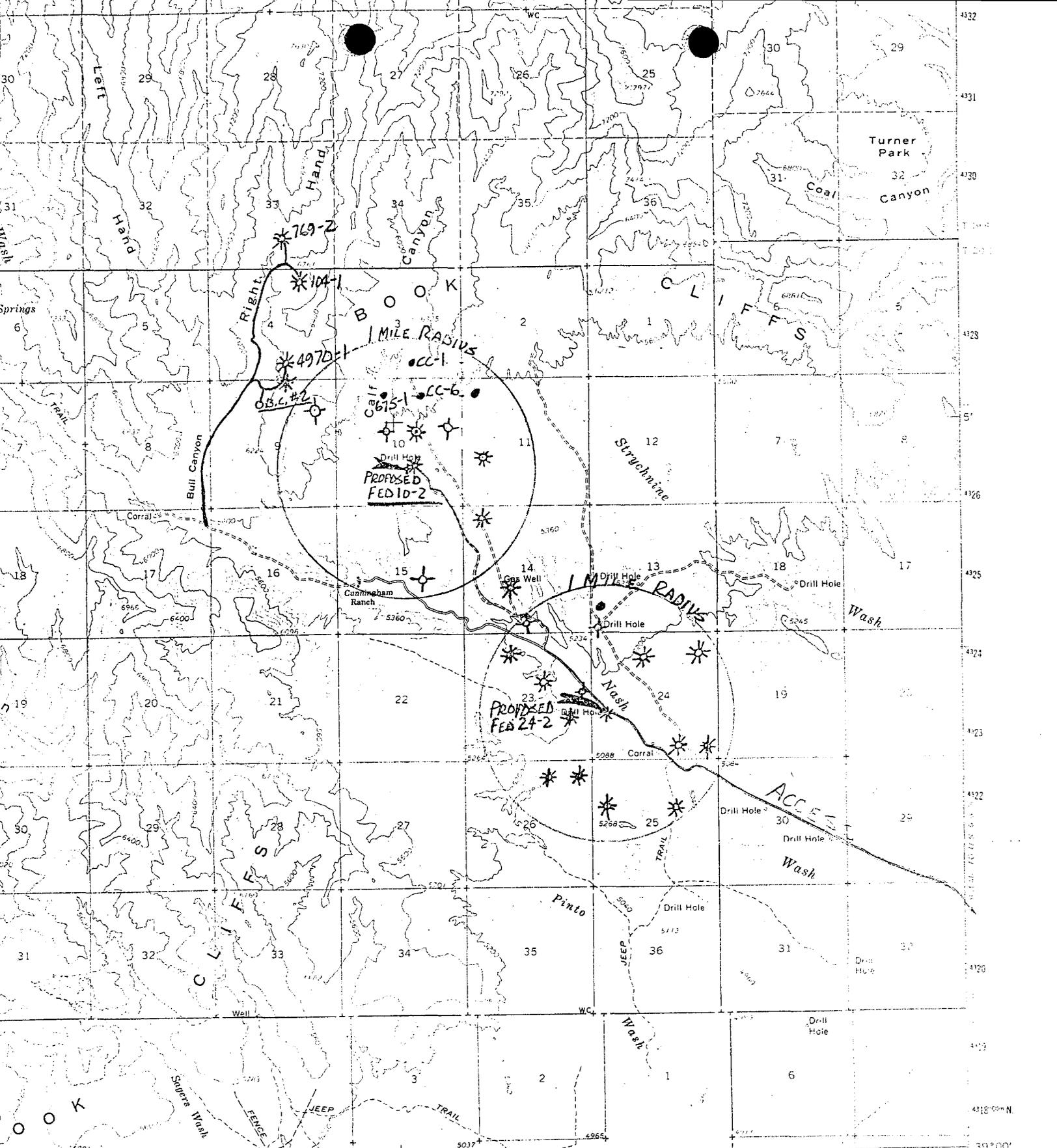
Production Facility
Layout



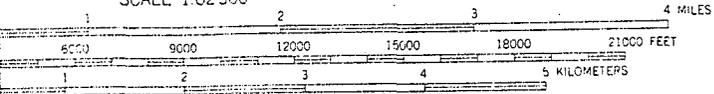
MONAHAN FED. 10-2
PRODUCTION FACILITIES



WELL FRACTURING LAYOUT
 MONAHAN FED. # 10-2

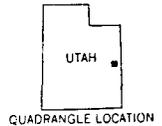


(THOMPSON)
4061 1
SCALE 1:62,500



CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.



QUADRANGLE LOCATION

ROAD CLASSIFICATION
Light-duty Unimproved dirt
○ State Route

TOPO MAP "A"

SEGO CANYON, UTAH
N3900—W10930/15

1963

INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D. C.—1965
R 21 E R 22 E 628000m E 109° 30'

4318' 00" N
39° 00'

A CULTURAL RESOURCE SURVEY
OF TWO WELL PAD LOCATIONS
IN GRAND COUNTY, UTAH

By
James M. Copeland
Centuries Research, Inc.
P.O. Box 1869
Montrose, Colorado 81401

October 16, 1979

Prepared for:
Burkhalter Engineering
588 25 Road
Grand Junction, CO 81501

Submitted to:
Bureau of Land Management
District Office, Moab, Utah
Grand Resource Area Office, Moab, Utah
State Office, Salt Lake City, Utah

Permit 79-UT-054
Expires February 6, 1980

MANAGEMENT SUMMARY

On behalf of Burkhalter Engineering, Grand Junction, Colorado, a cultural resource survey has been completed on two well pad locations in the Cisco Desert/Book Cliffs area, Grand County, Utah. This work was conducted on October 9, 1979 by Centuries Research, Inc., Montrose, Colorado.

On-foot examination of the proposed impact areas yielded no cultural or paleontological resources. Clearance is therefore recommended.

INTRODUCTION

An archaeological clearance survey was conducted by Centuries Research, Inc., Montrose, Colorado on two well pad locations, Federal 24-2 (Lease No. U02139) and Federal 10-2 (Lease No. U02140) on behalf of Burkhalter Engineering, Grand Junction, Colorado. These locations lie on Bureau of Land Management administered lands in the Bureau of Land Management Moab District, Grand Resource Area.

The fieldwork was conducted by James M. Copeland, Staff Archaeologist at Centuries on October 10, 1979. This report and the fieldwork were completed to meet the requirements of applicable historic preservation laws and Executive Order 11593. All work was conducted under the provisions of Bureau of Land Management Federal Antiquities Permit 79-UT-054 which expires February 6, 1980.

METHODOLOGY

The well pad locations were staked and flagged. An area 100m by 100m was walked by a series of transects and the ground was visually inspected for cultural and/or paleontological resources. As the locations are directly adjacent to existing wells and roads, no new access routes were involved. The location of the proposed impact areas are SW $\frac{1}{4}$, NW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 10, T20S, R21E, SLM (Fed. 10-2) and SW $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 24, T20S, R21E, SLM (Fed.24-2).

RESULTS

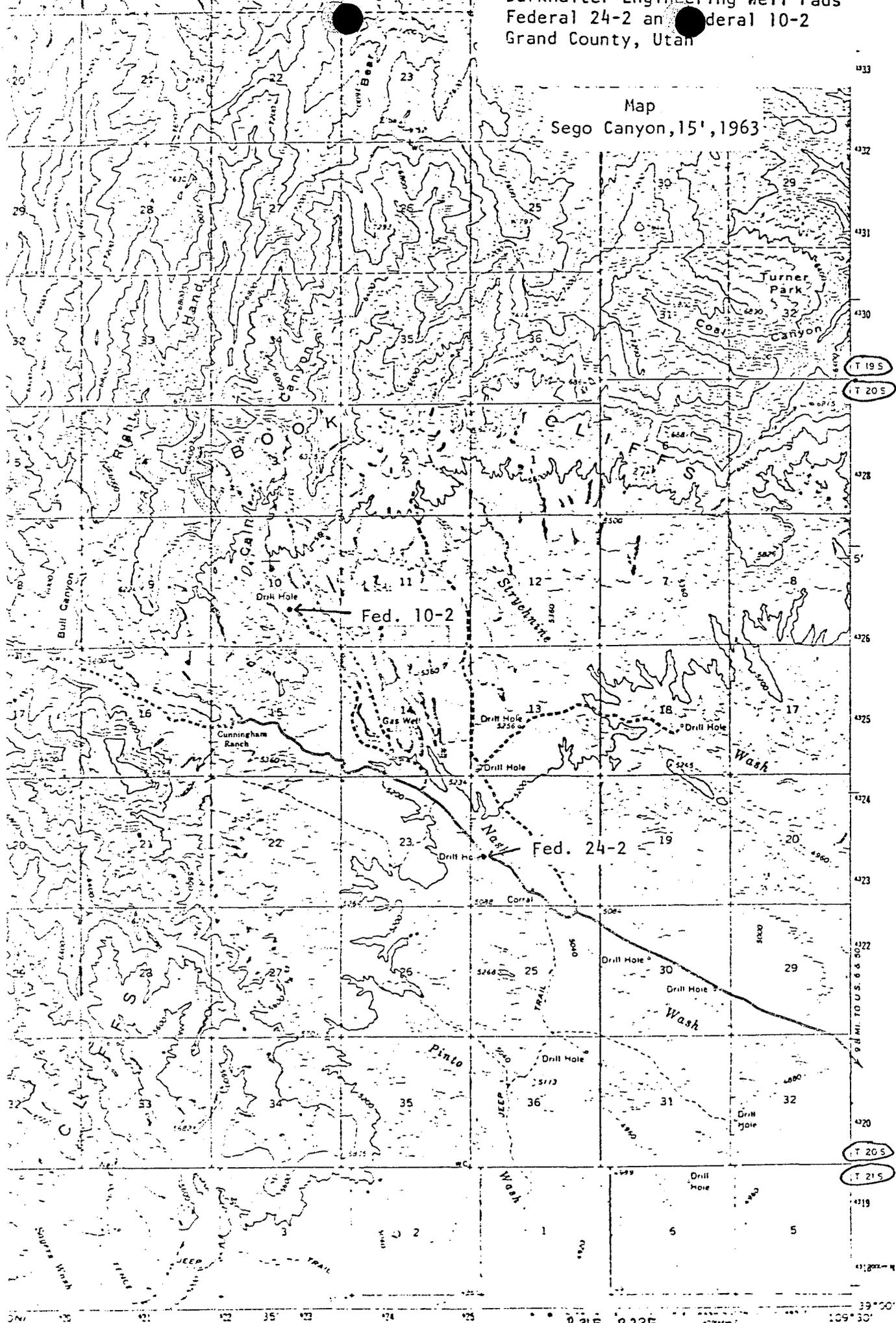
The two well locations lie below the Book Cliffs, near the Cunningham Ranch, in an area sparsely vegetated with shrubs and grasses. Soils are alluvial as both locations lie in the bottom of draws adjacent intermittent drainages, and both are flanked by generally NW-SE trending ridges. Both are situated on flat to gently sloping terrain and exposure is good to the southeast. No cultural/paleontological resources were located.

RECOMMENDATIONS

Since no cultural resources were encountered, clearance for the proposed developments is recommended.

Burkhalter Engineering Well Pads
Federal 24-2 and Federal 10-2
Grand County, Utah

Map
Sego Canyon, 15', 1963



Summary Report of
Inspection for Cultural Resources

BLM Report ID No. 11-11111
Report Acceptable Yes No
Mitigation Acceptable Yes No
Comments: _____

1. Cultural Report or Project C | R | S | | o | f | | 2 | | B | u | r | k | h | a | l | t | e | r | | W | e | | | | | P | a | d | s |

2. Development Company Burkhalter Engineering 588 25 Road, Grand Junction, CO

3. BLM Mini Permit No. 11111 4. BLM Antiquities Permit No. 179-UT-054

5. Report Date 11/01/1979 6. Field Work Dates 10-9-79

7. Responsible Institution C | e | n | t | u | r | i | e | s | | R | e | s | e | a | r | c | h Fill in spaces 81, 85, 93, 97 only if:
V = Vernal Meridian
H = Half Township

8. Fieldwork Location: TWN 2 | 0 | S | Range 2 | 1 | E | Section(s) 1 | 0 | 2 | 4 |
TWN 1 | 1 | Range 1 | 1 | Section(s) 1 | 100 | 101 |

9. Resource Area G | R | Other: Grand County

30 = Bonneville, WA = Wasatch, HR = House Range, WS = Warm Springs,
SE = Sevier River, HM = Henry Mtns., BR = Beaver River, DX = Dixie,
KA = Kanab, ES = Escalante, SJ = San Juan, GR = Grand, PR = Price River,
SR = San Rafael, DM = Diamond Mountain, BC = Book Cliffs.

10. Description of Examination Procedures: On foot examination of marked locations. 100 meter by 100 meter areas for locations.

11. Linear Miles Surveyed 1111111111
and/or
Definable Acres Surveyed 104111111114 acres
and/or
*Legally Undefinable Acres 1131111111121
Surveyed 122 130
(*A parcel hard to cadastrally locate i.e., center of section)

12. Inventory Type 11
R = Reconnaissance
I = Intensive
S = Statistical Sample

13. Description of Findings (attach appendices, if appropriate) No cultural/paleontological resources found.

14. Number Sites Found: 1111
No sites = 0 132
15. Collection: N Y = Yes, N = No
138

16. Actual/Potential National Register Properties Affected:
none

17. Conclusion/Recommendations:
Clearance should be granted.

18. Signature of person in direct charge of field work:

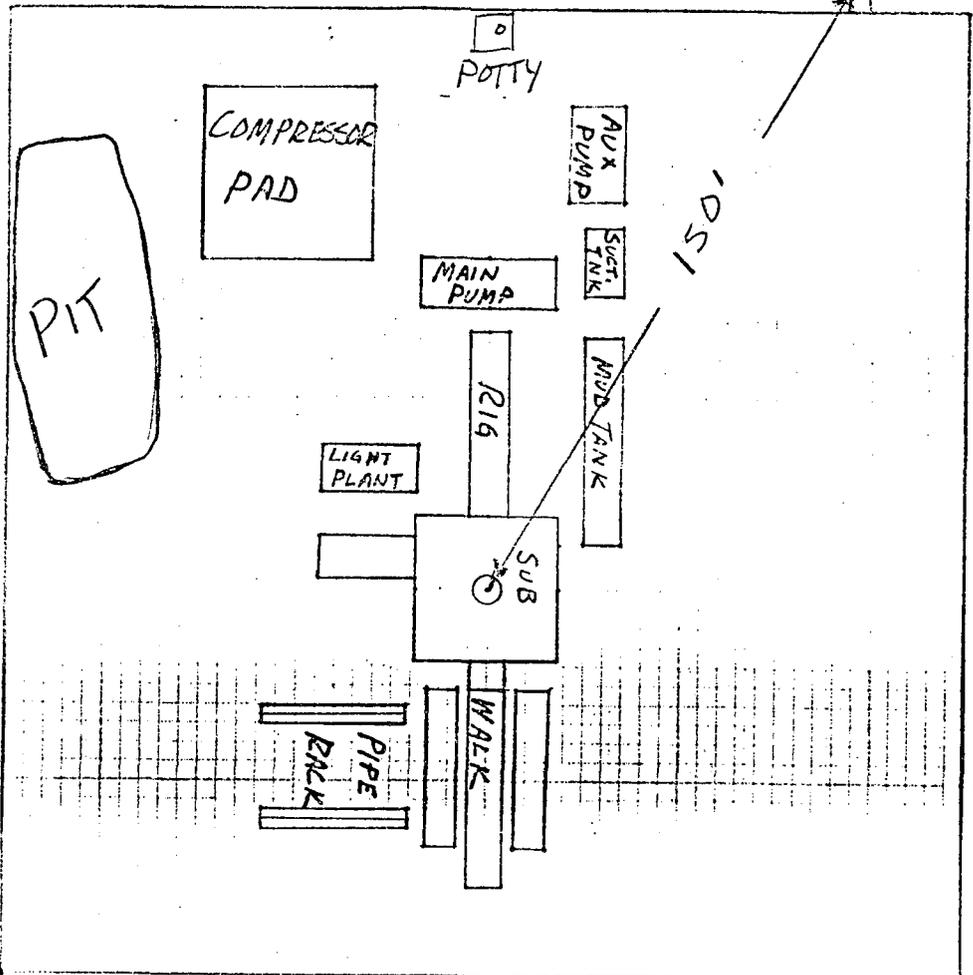
James M. Copeland

19. Signature and Title of Institutional Officer Responsible

Steven J. Baker
President

TOP SOIL

EXISTING WELL



SCALE: 1" = 40'

RIG LAYOUT

PLAT "B"

ROAD

MONAHAN FEDERAL WELL No. 10-2
 NE SE SEC 10, T20S, R21E
 GRAND COUNTY, UTAH
 LEASE No. U-02140

BURKHALTER ENGINEERING
 SITE LAYOUT
 MONAHAN FEDERAL
 WELL No. 10-2

A CULTURAL RESOURCE SURVEY
OF TWO WELL PAD LOCATIONS
IN GRAND COUNTY, UTAH

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RESULTS

The two well locations lie below the Book Cliffs, near the Cunningham Ranch, in an area sparsely vegetated with shrubs and grasses. Soils are alluvial as both locations lie in the bottom of draws adjacent intermittent drainages, and both are flanked by generally NW-SE trending ridges. Both are situated on flat to gently sloping terrain and exposure is good to the southeast. No cultural/paleontological resources were located.

RECOMMENDATIONS

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** FILE NOTATIONS **

DATE: March 11, 1980

Operator: Ref Monahan

Well No: Federal #10-2

Location: Sec. 10 T. 20S R. 21E County: Grand

File Prepared: Entered on N.I.D.: / *not on FR sheet*
Card Indexed: Completion Sheet:

API Number 43-019-30618

CHECKED BY:

Geological Engineer: M.S. Winder 3/13/80 *It must be shown that this well is being completed in different zones or that the 'Union Sport #3-1' has been plugged.*
Petroleum Engineer: _____

Director: OK under orders in Case 102-16B
need copy of lease - sending 3/13

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 102-16B 11/15/79 O.K. Rule C-3
Given well to be approved admin. as per hearing 102-23
Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed. Plotted on Map

Approval Letter Written
Utw

#3
plus
statement

Cannot produce from formation of Union well - Union has # III-1 from Marism

nl
PI

March 19, 1980

Rex Monahan
P.O. Box 1321
Sterling, Colorado 80751

Re: Well No. Federal #10-2, Sec. 10, T. 20S, R. 21E., Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-168 dated November 15, 1979. However, due to the peculiar nature of this well, and to insure that this well will in fact produce from a different zone than the Union Gov't III-I well, it will be necessary to run casing and cement through the zone produced by the Gov't III-I well. A cement bond log as well as a job log showing perforations must be filed with this Division and if deemed necessary, testing for communication may be required after production is established. We would like to be notified five days prior to the completion of each well so that a member of our staff may witness the completion procedure.

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

MICHAEL T. MINDER - Geological Engineer
Office: 533-5771
Home: 876-3001

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 43-019-30618.

Sincerely,
DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: USGS
J.N. Burkhalter

November 20, 1980

Rex Monahan
P. O. Box 1321
Sterling, Colorado 81321

RE: Well No. Federal #10-2
Sec. 10, T. 20S, R. 21E,
Grand County, Utah

Well No. Federal #24-2
Sec. No. 24, T. 20S, R. 21E
Grand County, Utah

Gentlemen:

In reference to above mentioned well (s), considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK TYPIST

PHONES:
OFFICE, LAWRENCE 2-0774
RESIDENCE, LAWRENCE 2-3480

REX MONAHAN
PETROLEUM GEOLOGIST AND
INDEPENDENT OIL PRODUCER
ROOM 12 I. AND M. BUILDING
STERLING, COLORADO
November 28, 1980

RECEIVED
DEC 1 1980
DIVISION OF
OIL, GAS & MINING

Ms. Debbie Beauregard
Clerk Typist
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Federal #10-2
Sec. 10, T20S, R21E
Grand County, Utah
Well No. Federal #24-2
Sec. 24, T20S, R21E
Grand County, Utah

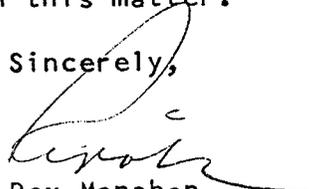
Dear Ms. Beauregard:

This is in reply to your letter of November 20, 1980 relative to the captioned matter.

It is still our intention to drill these wells, but equipment shortages and rig availability have delayed our plans. It is now felt that we will try to drill the wells in June, 1981. We hope this will be satisfactory with you.

Thank you for your cooperation in this matter.

Sincerely,


Rex Monahan

RM:jf



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

February 3, 1982

Rex Monahan
P.O. Box 1321
Sterling, Colorado
80751

Re: Well No. Federal #10-2
Sec. 10, T. 20S, R. 21E
Grand County, Utah

Federal 24-2
Sec. 24, T. 20S, R. 21E
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

REX MONAHAN
PETROLEUM GEOLOGIST AND
INDEPENDENT OIL PRODUGER
ROOM 12 I. AND M. BUILDING
STERLING, COLORADO
February 9, 1982

Ms. Cari Furse
Clerk Typist
State of Utah
4241 State Office Building
Salt Lake City, Utah 84114

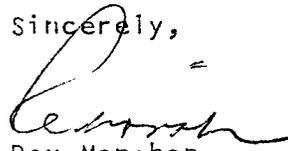
Re: Well Nos. 10-2 & 24-2
Sec. 10 & 24, T20S, R21E
Grand Co., Utah

Dear Ms. Furse:

This is in reply to your letter of February 3, 1982 regarding the captioned wells. We do intend to drill these wells, but we are still waiting on certain approval from the BLM. If and when that approval is obtained, we will drill the wells.

Thank you for your cooperation in this matter.

Sincerely,



Rex Monahan

RM:jf

RECEIVED
FEB 11 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
REX MONAHAN

3. ADDRESS OF OPERATOR
P.O. Box 1231, Sterling, Colorado 80751

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1521' 1501' FSL & 1971' FEL (in NW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 10
At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles Northwest of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1100'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
250'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5385 GR

5. LEASE DESIGNATION AND SERIAL NO.
U-02140 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
--

7. UNIT AGREEMENT NAME
--

8. FARM OR LEASE NAME
--

9. WELL NO.
Federal 10-2 ✓

10. FIELD AND POOL, OR WILDCAT
Calf Canyon UNDESIGNATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NWSE Sec 10, T20S, R21E, SLB&M

12. COUNTY OR PARISH 13. STATE
Grand Utah

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

19. PROPOSED DEPTH
3600

20. ROTARY OR CABLE TOOLS
rotary

22. APPROX. DATE WORK WILL START*
April 1, 1982

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	Class G circulate
6 3/4"	4 1/2"	10.5#	3600'	100 sx RFC

Propose to test Salt Wash member of Morrison Formation
Surface Use Plan attached. NOTE: Water Sands are not anticipated.
Surface FMN - Mancos Shale
Estimated tops: Dakota 2350
Morrison 2500
Entrada 3150

Pressure Control: Schematic attached showing BOP, kill lines, check valves and pressure ratings. See Seven Point Plan attached.

Logging: DIL & FDC-CNL. No coring planned.

Hazards: Experience does not indicate that abnormal pressures or hydrogen sulfide will be encountered.

Starting Date: April 1, 1982. Ten days is the estimated operating time.

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: J. H. Burkhardt 303-242-5555 TITLE: Agent DATE: 2-16-82

(This space for Federal or State office use)

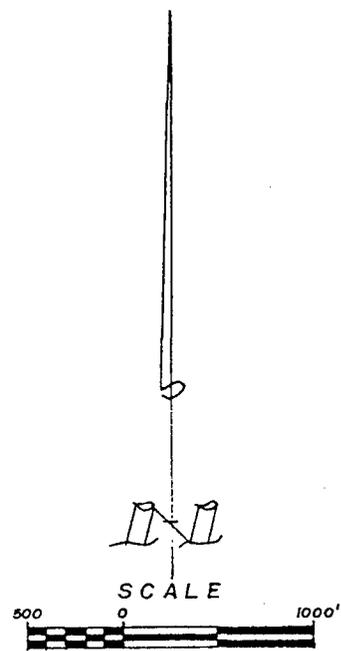
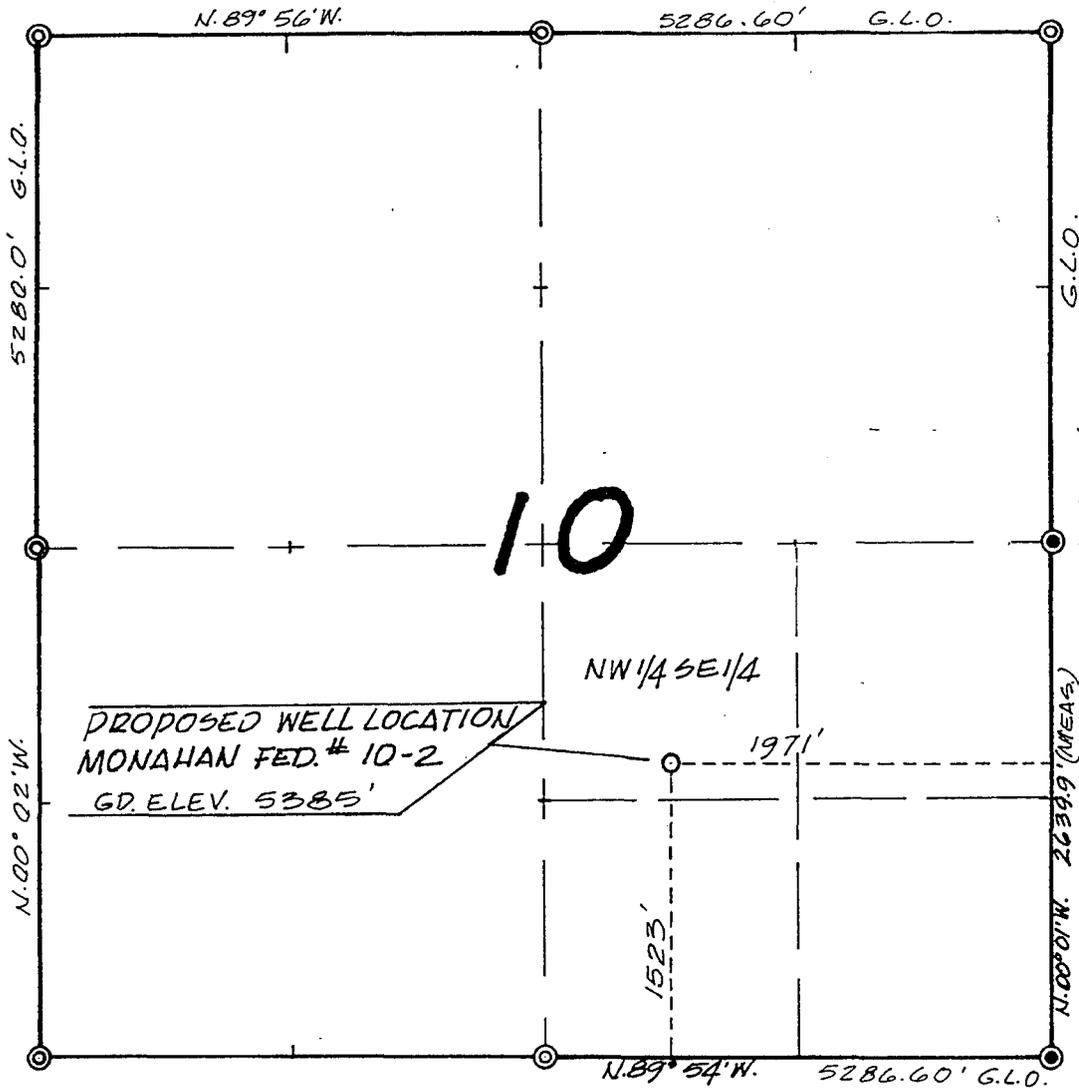
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE: 10-18-82

CONDITIONS OF APPROVAL, IF ANY:

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

BY: Larry Becker
303-245-7231
LARRY BECKER



- LEGEND**
- ⊙ STANDARD LOCATION OF G.L.O. CORNERS.
 - G.L.O. CORNERS FOUND.
 - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1921 GLO PLAT
 - SEGO CANYON, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR REX MONAHAN AS REQUESTED BY BURKHALTER ENGINEERING, TO LOCATE THE MONAHAN FED. # 10-2, 1523' F.S.L. & 1971' F.E.L., IN THE NW 1/4 SE 1/4, OF SECTION 10, T. 20S., R. 21E. OF THE S.L.B.M. GRAND COUNTY, UTAH.

SURVEYOR'S CERTIFICATE

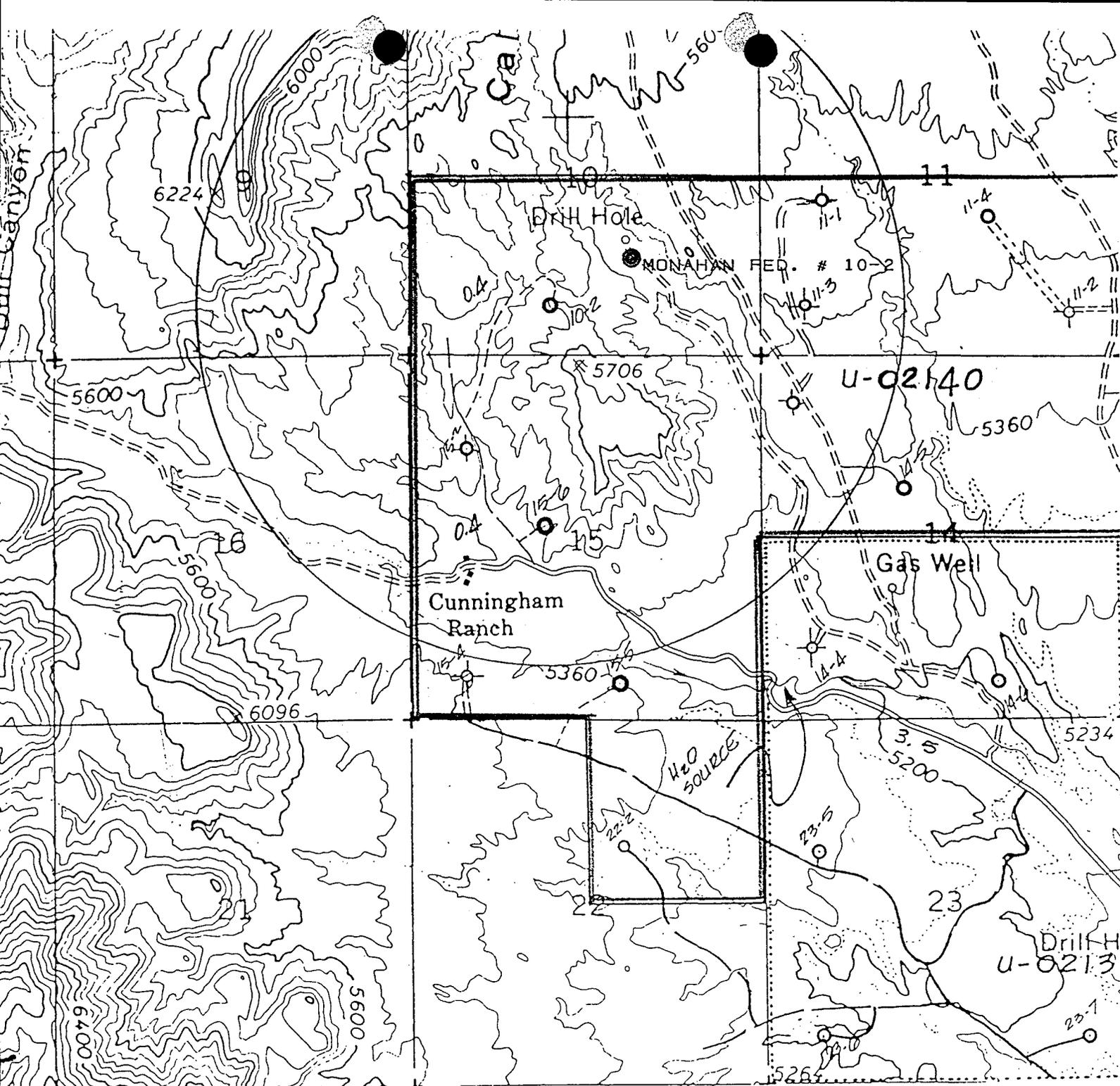
I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker
UTAH

L.S. NO. 4189



SURVEYED	1/8/82	REVISED	6/30/82	ENERGY SURVEYS & ENGINEERING CORP. 1156 BOOKCLIFF AVE. NO 4 GRAND JUNCTION, CO. 81501 905 243-7221	SCALE 1" = 1000'
DRAWN	1/9/82				JOB NO.
CHECKED	1/9/82				SHEET OF



UTAH DIV. OIL, GAS, & MINING 10-5-82

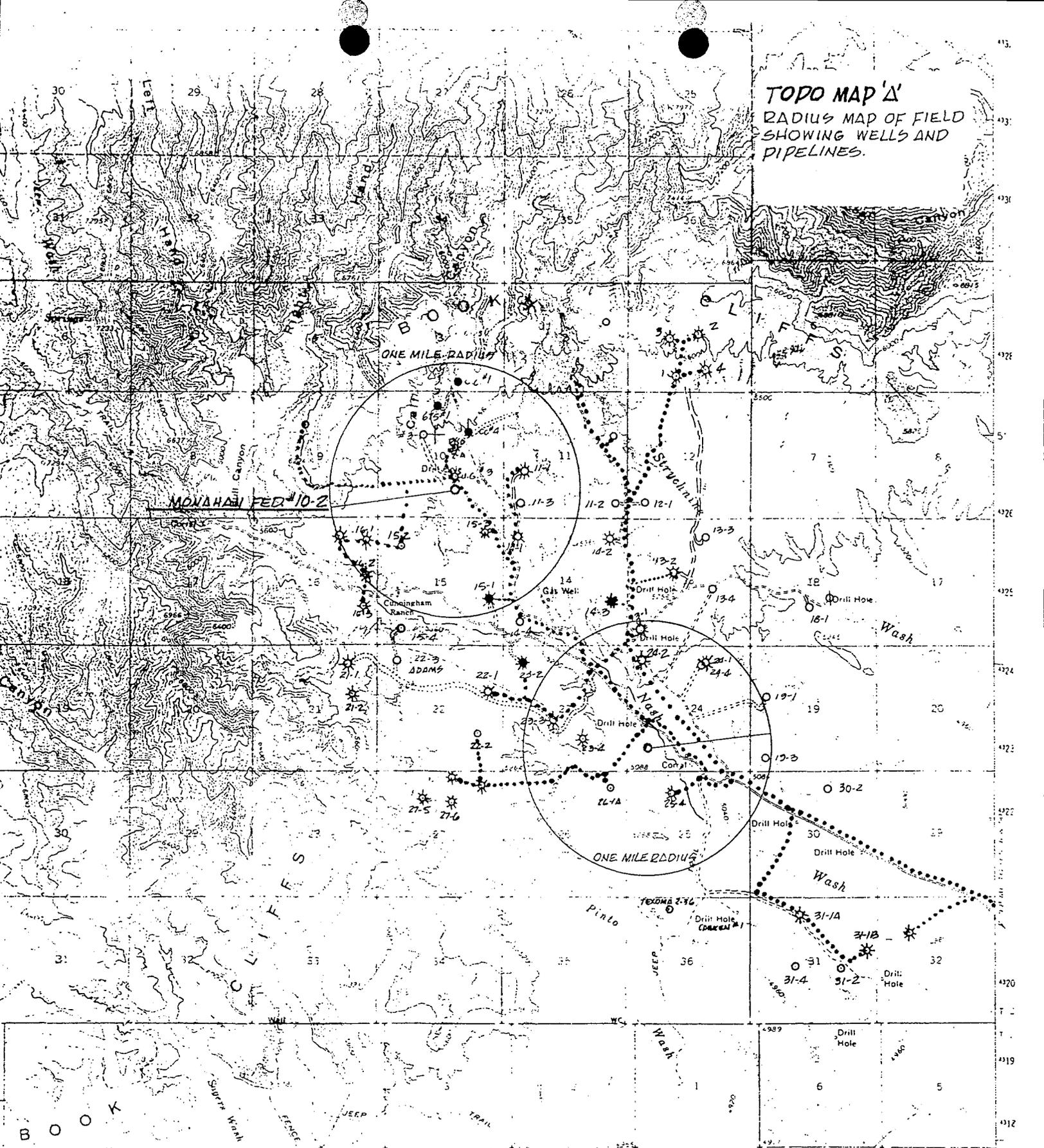
THE ATTACHED MAP DEPICTS THE LEASE U-02140 AS IT RELATES TO THE MONAHAN FED. # 10-2 LOCATION.

Jerry Becker

(303) 245-7221

Red'd 10-8-82
[Signature]

TOPO MAP 'A'
RADIUS MAP OF FIELD
SHOWING WELLS AND
PIPELINES.



THOMPSON
 4061 1
 SCALE 1:62,500

UNITED STATES GEOLOGICAL SURVEY WASHINGTON D.C. 20508
 R 23 E R 22 E 128000 E 109° 30'

LEGEND

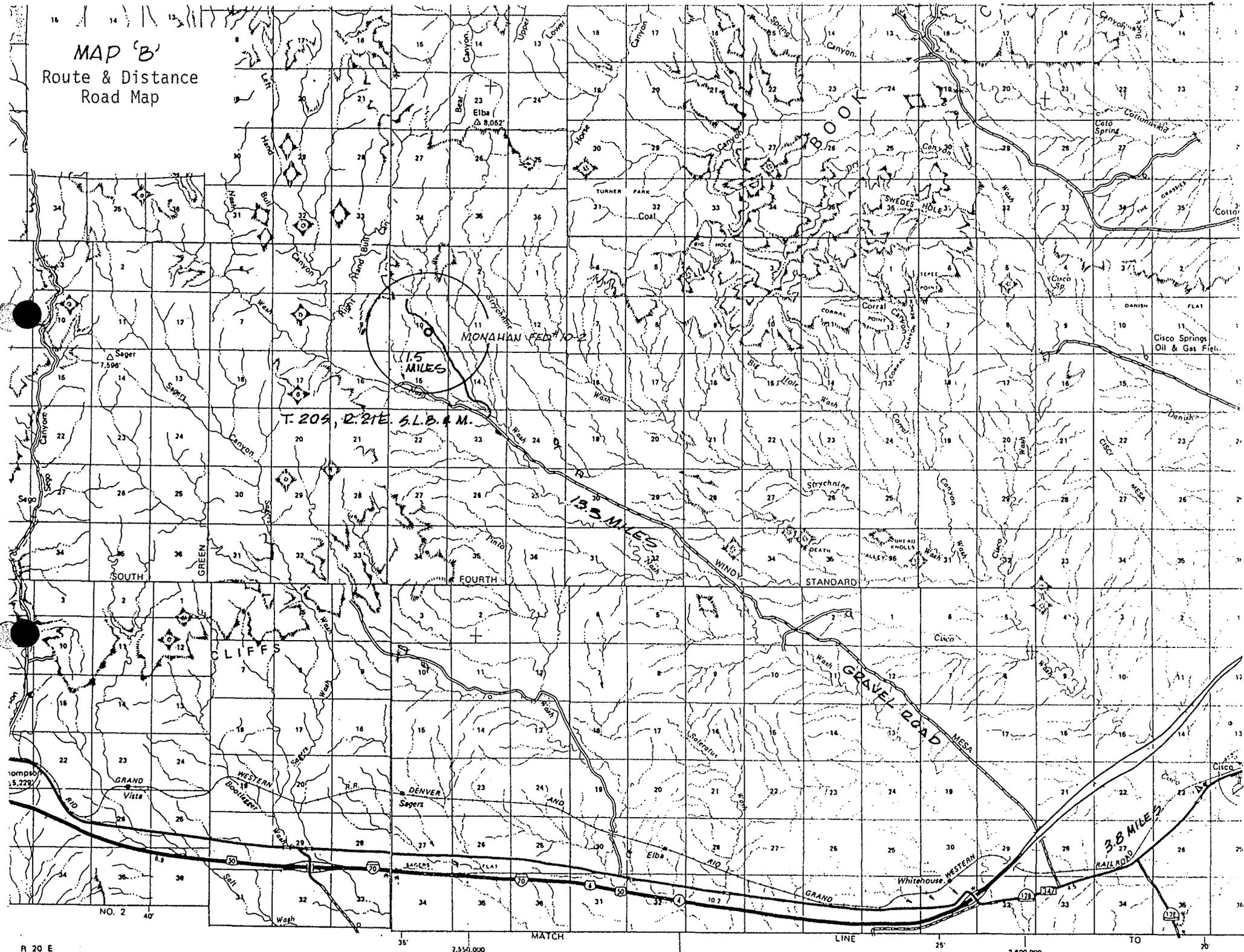
- LOCATION
- ⊙ DRY HOLE
- ☼ GAS WELL
- OIL WELL
- ⋯ PIPELINE

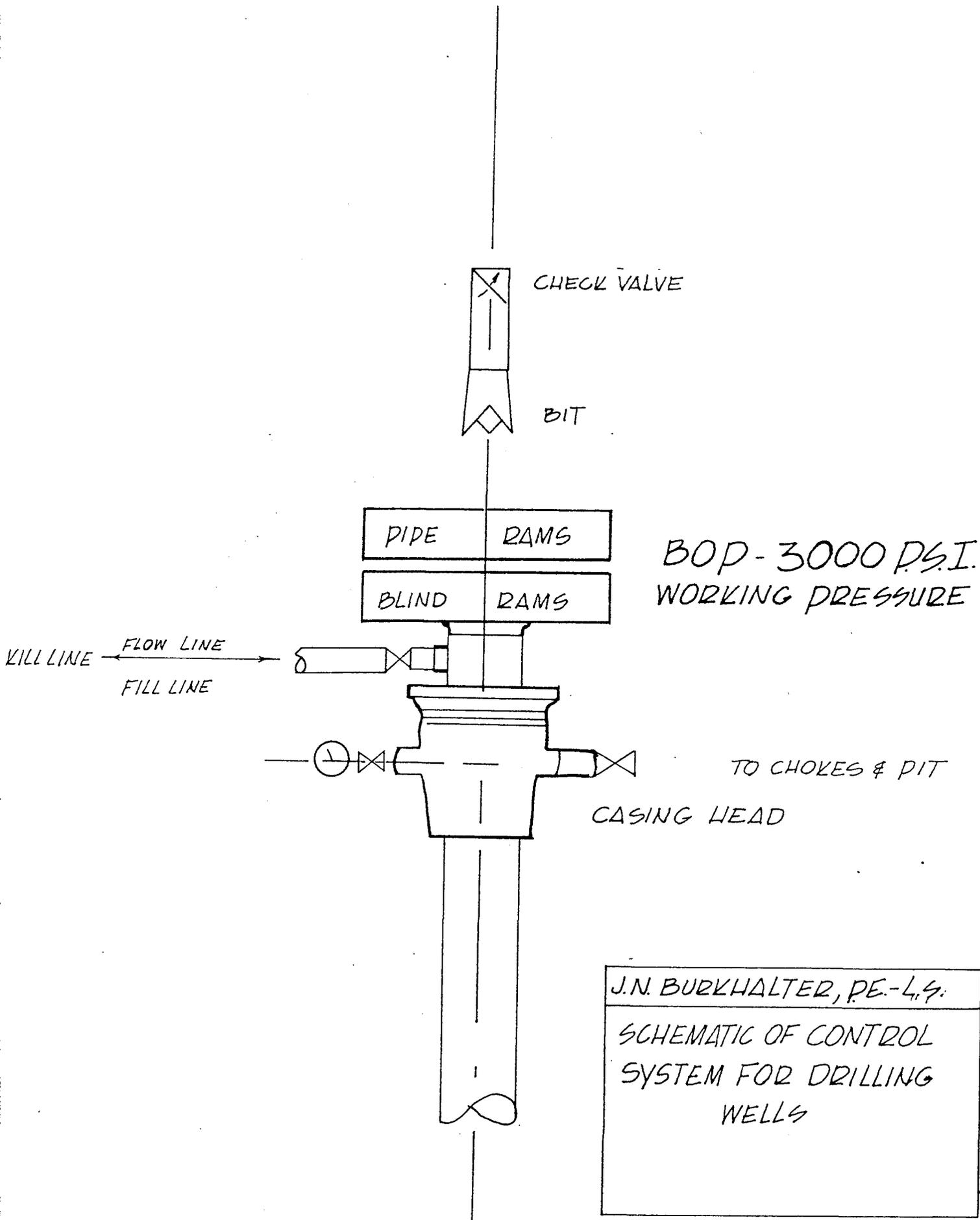
ROAD CLASSIFICATION

- Unimproved dirt
- State Route
- ⋯ PIPELINE

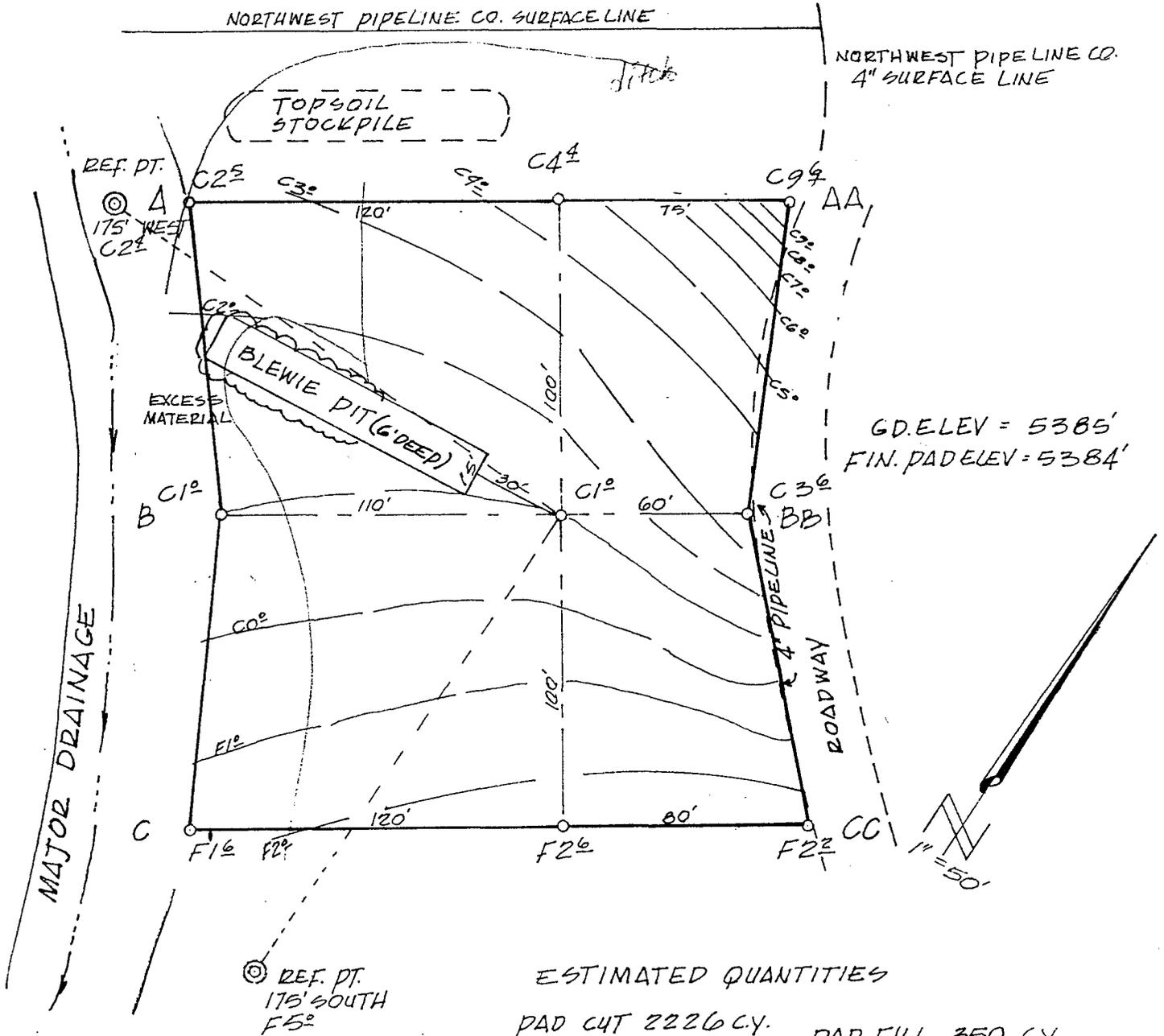
CONTOUR INTERVAL 80 FEET
 ELEVATIONS IN FEET
 UNLESS OTHERWISE NOTED

MAP 'B'
Route & Distance
Road Map





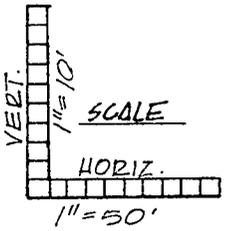
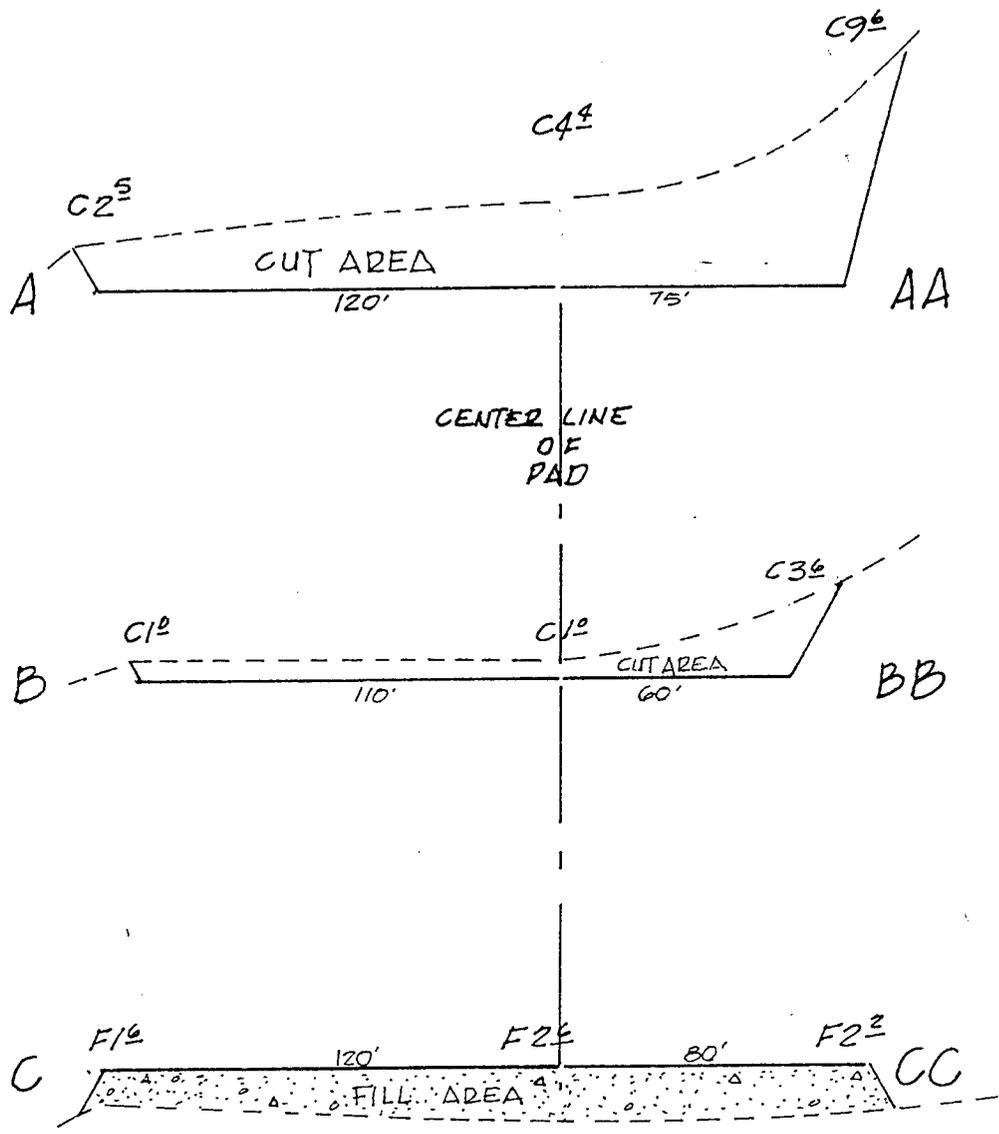
MONAHAN FED. # 10-2
 SEC. 10, T. 20S, R. 21E.
 GRAND COUNTY, UTAH



ESTIMATED QUANTITIES

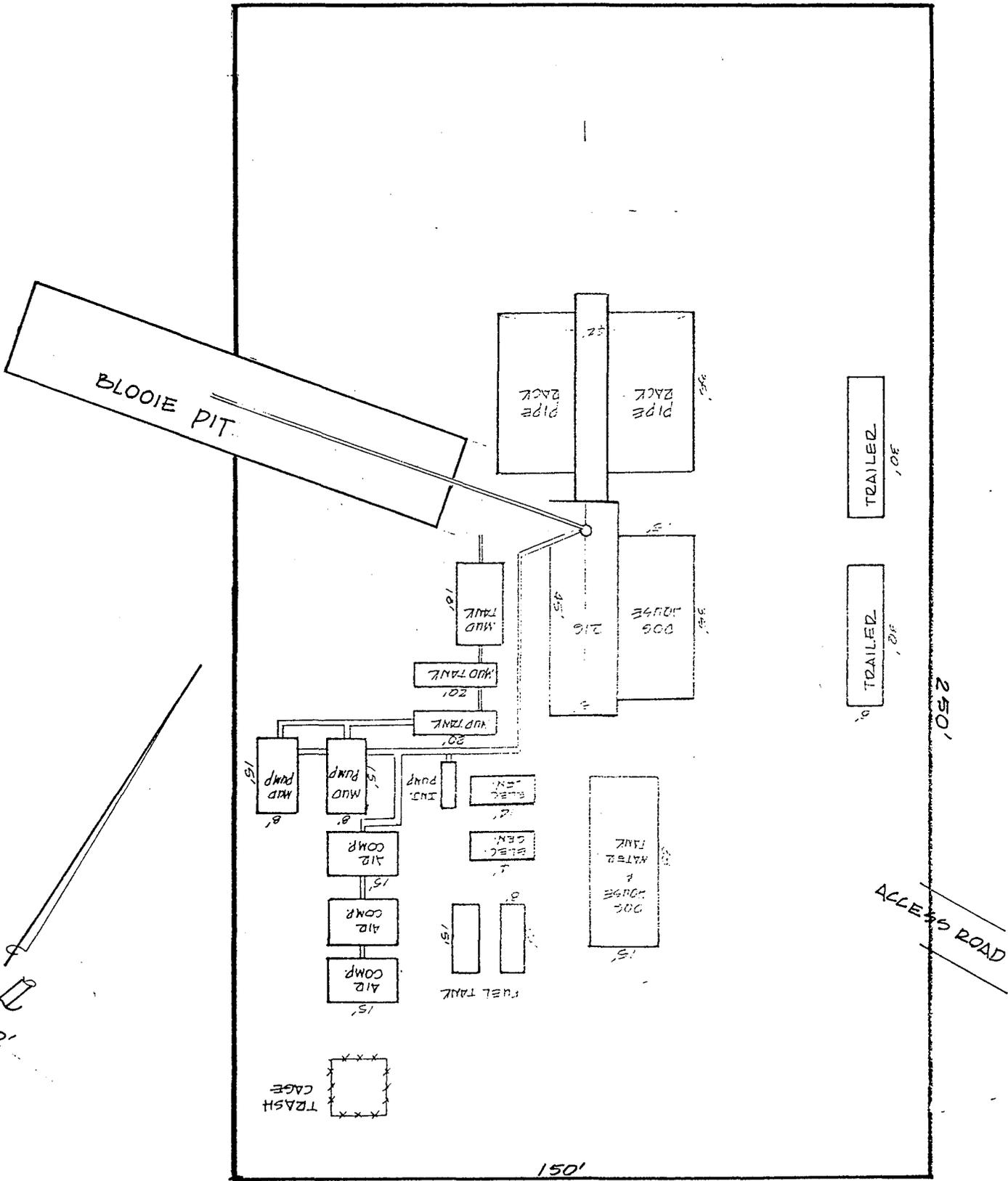
PAD CUT	2226 C.Y.	PAD FILL	350 C.Y.
PIT CUT	316 C.Y.	TOPSOIL	1500 C.Y.
	2542 C.Y.		1850 C.Y.
	- 1850		
	692 C.Y. EXCESS MATERIAL		

EXHIBIT C
CROSS-SECTIONS



MONAHAN FED. #10-2
SEC. 10, T. 20S., R. 21E.
GRAND COUNTY, UTAH

EXHIBIT 'D'
RIG LAYOUT



MONAHAN FED. # 10-2
GRAND COUNTY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

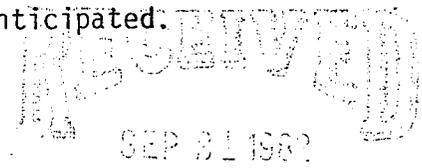
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-02140	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR REX MONAHAN			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1231, Sterling, Colorado 80751			8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1501 FSL & 1971' FEL (in NW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 10 At proposed prod. zone same			9. WELL NO. Federal 10-2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles Northwest of Cisco, Utah			10. FIELD AND POOL, OR WILDCAT Gulf Canyon	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1100'		16. NO. OF ACRES IN LEASE 2560	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. 250'		19. PROPOSED DEPTH 3600	20. ROTARY OR CABLE TOOLS rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5385 GR			22. APPROX. DATE WORK WILL START* April 1, 1982	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	Class G circulate
6 3/4"	4 1/2"	10.5#	3600'	100 sx RFC

Propose to test Salt Wash member of Morrison Formation.
Surface Use Plan attached. NOTE: Water Sands are not anticipated.
Surface FMN - Mancos Shale
Estimated tops: Dakota 2350
Morrison 2500
Entrada 3150



Pressure Control: Schematic attached showing BOP, kill lines, check valves and pressure ratings. See Seven Point Plan attached.
Logging: DIL & FDC-CNL. No coring planned.
Hazards: Experience does not indicate that abnormal pressures or hydrogen sulfide will be encountered.
Starting Date: April 1, 1982. Ten days is the estimated operating time.

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 J. H. Burkhardt TITLE Agent DATE 2-16-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE FOR E. W. GUYNN DATE _____
DISTRICT OIL & GAS SUPERVISOR

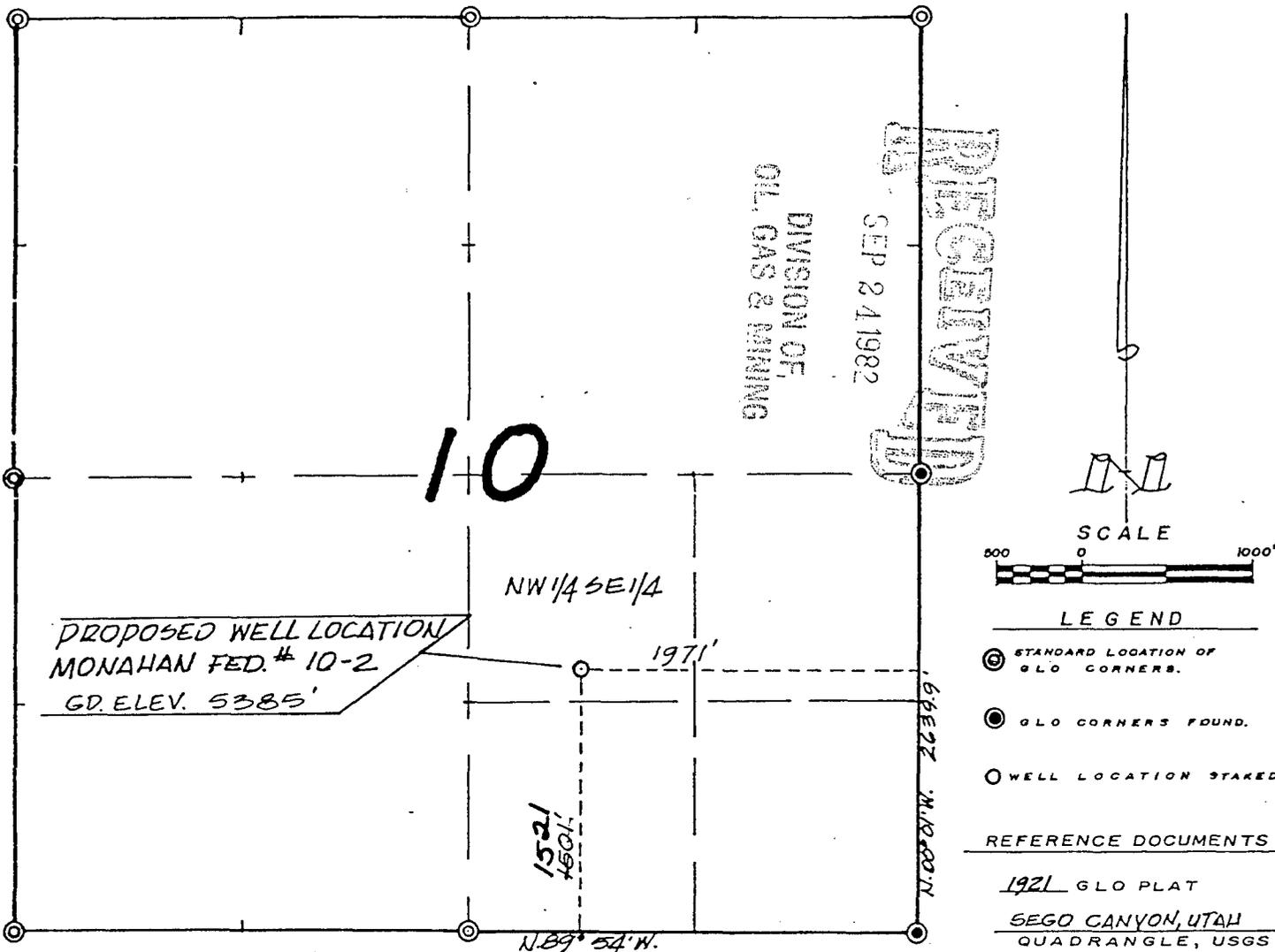
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

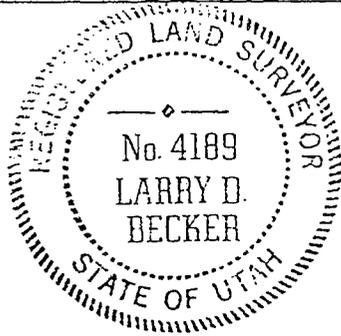
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State O&G



THIS WELL LOCATION PLAT WAS PREPARED FOR REX MONAHAN
 AS REQUESTED BY BURKHALTER ENGINEERING, TO LOCATE THE
MONAHAN FED. # 10-2, ^{1521'} 1501' F.S.L. & 1971' F.E.L.,
 IN THE NW 1/4 SE 1/4, OF SECTION 10, T. 20S., R. 21E. OF THE S.L.B.M.
GRAND COUNTY, UTAH.



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR
 IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS
 SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND
 THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker
 UTAH L.S. NO. 4189

SURVEYED	1/8/82	KK.R.M.L.B.
DRAWN	1/9/82	L.D.B.

ENERGY
 SURVEYS &
 ENGINEERING CORP.

1156 BOOKCLIFF AVE. NO 4
 GRAND JUNCTION, CO. 81501

SCALE 1" = 1000'
 JOB NO.

Identification CER/EA No. 146-82

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

SALT LAKE CITY, UTAH
SALT LAKE CITY, UTAH

JUN 29 1982

MINERAL MANAGEMENT
GENERAL MANAGEMENT
OIL & GAS OPERATIONS
RECEIVED

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Rex Monahan
Project Type Gas well - Development
Project Location 1501 FEL 1471' FEL SECT 20S R 21E
Well No. 10-2 Lease No. U-02140
Date Project Submitted 2-22-82

FIELD INSPECTION

Date 3-16-82

Field Inspection Participants

Craig Hansen Bann's
Chris Brown Blm moab
Paul Brown " "
Larry Becker - Rex Monahan

Related Environmental Documents: _____

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

3-18-82
Date Prepared

Craig Hansen
Environmental Scientist

I concur

JUN 29 1982
Date

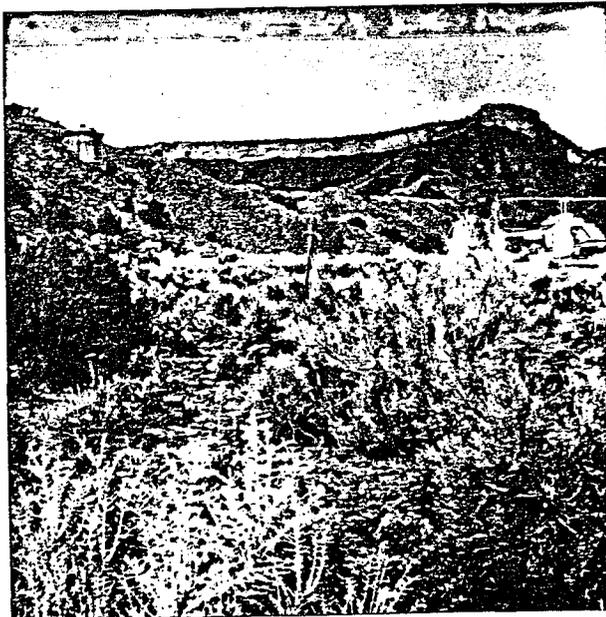
W. Martner
District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Typing In _____ Typing Out _____

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports; or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement



Rex Monahan
12/10-2

North



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

IN REPLY REFER TO
MANAGEMENT
SERVICE
OIL & GAS OPERATIONS 3109
RECEIVED U-02140
JUN 18 1982 (U-068)
SALT LAKE CITY, UTAH

JUN 17 1982

Memorandum

To: Minerals Management Service
Oil & Gas Operations
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

From: Area Manager, Grand

Subject: Monahan Location 10-2 Lease: U-02140
NWSE Sec. 10, T. 20 S., R. 21 E.
Grand County, Utah

On March 16, 1982 a representative from this office met with Cody Hansen, MMS, and Larry Becker, agent of the Rex Monahan for an inspection of the above referenced location. Subject to the attached conditions and written approval from MMS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Rex Monahan.

This location is a critical deer winter range. No new construction will be allowed between November 1 and April 31.

ACTING

Enclosures: (4)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities
4-Class II Road Standards

JUN 18 1982

SALT LAKE CITY, UTAH
ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah phone (801 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will be necessary. The total disturbed width allowed will be 30 feet. The allowable travel surface will be 22 feet.

The existing road will be subject to the Class II Road Survey Design; maintained and rehabilitated as specified in the road right-of-way grant. The road will also be graveled, ditched and crowned for safety and erosion control.

New road construction will not be required.

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.

6. Location: Well pad lay-out is satisfactory as planned with the exception of the following changes. Pad will be moved 20 feet to the north and reduced 30 feet on the west to avoid the drainage on the west.

A 30 foot buffer zone will be left on the west side between pad and drainages to maintain site stability.

7. The top 8 inches of soil material will be removed from the location and stockpiled on the north side of the location. Topsoil along the access will be reserved in place.
8. The reserve pit will not be lined with commercial bentonite or plastic. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
9. Three sides of the reserve pit will be fenced before drilling starts. 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. The fence will be 5 strand barbed wire or woven wire with 1 strand barbed wire on top.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801 259-6111), 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 10 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover. Broadcast seed will be two times the pounds/acre on the enclosed seed list.
8. Waterbars will be used on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 ft. spacing
2-4%	100 ft. spacing
4-5%	75 ft. spacing
+5%	50 ft. spacing

9. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any vehicle use.

SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Hilaria jamesii	Galleta (Curlygrass)	1
Sporobolus airoides	Alkali sacaton	1
Sporobolus cryptandrus	Sand dropseed	1
<u>Forbs</u>		
Helianthus annuus	Common sunflower (Kansas sunflower)	.5
Sphaeralcea coccinea	Scarlet globemallow	1
<u>Shrubs</u>		
Eurotia lanata	Winterfat (Whitesage)	<u>1.5</u>
	Total	6

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.).



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

September 29, 1982

Burkhalter Engineering
Attn: Mr. J. N. Burkhalter
588 - 25 Road
Grand Junction, Colorado 81501

RE: Well No. Federal 10-2
Sec. 10, T. 20S, R. 21E
Grand County, Utah

Dear Mr. Burkhalter:

This is to confirm our telephone conversation on September 29, 1982 in regards to the Application for Permit to Drill the above referenced well for Rex Monahan.

The original application was approved on March 19, 1980 for the location of 2041' FEL and 1605' FSL of the above referenced location. Since this footage location is being abandoned for the new location of 1521' FSL and 1971' FEL the original application will be terminated and you will be receiving approval on the new application in the near future.

If we can be of service to you in the future, please feel free to call on us.

Sincerely,

A handwritten signature in cursive script that reads "Arlene Sollis".

(Mrs.) Arlene Sollis
Administrative Aide

AS

cc: Rex Monahan