

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **9-15-86**
 LAND: FEE & PATENTED STATE LEASE NO. **U-01207-St.** PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: **9-19-86**
 SPUDDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____
 GRAVITY A.P.I. _____
 GOR _____
 PRODUCING ZONES: _____
 TOTAL DEPTH: _____
 WELL ELEVATION: _____

DATE ABANDONED: **LA 2-22-88**
 FIELD: **NATURAL BUTTES**
 UNIT: **NATURAL BUTTES**
 COUNTY: **UINTAH**

WELL NO. **COG NBU #77** API #**43-047-31743**
 LOCATION **2037' FSL** FT. FROM (N) (S) LINE. **811' FEL** FT. FROM (E) (W) LINE. **NE SE** 1/4 - 1/4 SEC. **29**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	22E	29	COASTAL OIL & GAS CORP.				

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

SUBMIT IN DUPLICATE*
(Other instructions on
reverse side)

9

5. Lease Designation and Serial No.

U-01207-St.

6. If Indian, Allottee or Tribe Name

Not Applicable

7. Unit Agreement Name

Natural Buttes

8. Farm or Lease Name

COG NBU

9. Well No.

#77

10. Field and Pool, or Wildcat

✓ Natural Buttes

11. Sec., T., R., M., or Bk.
and Survey or Area

Sec. 29, T9S, R22E

12. County or Parrish 13. State

Uintah Utah

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

Coastal Oil & Gas Corporation

(303) 573-4458

3. Address of Operator

P. O. Box 749, Denver, Colorado 80201-0749

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

2037' FSL, 811' FEL (NE 1/4 SE 1/4)

At proposed prod. zone
Same

14. Distance in miles and direction from nearest town or post office*

Eleven (11) Miles Southeast of Ouray, Utah

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

811'

16. No. of acres in lease

400

17. No. of acres assigned
to this well

80

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

1300'

19. Proposed depth

6000'

Washed

20. Rotary or cable tools

Rotary

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

4940' GR

22. Approx. date work will start*

October 1, 1986

23. 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"	20#	250'	125 sx Circ. to Surface
7-7/8"	5-1/2"	17#	6500'	1800 sx

REFER TO ATTACHED DRILLING PROGNOSIS.

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

DATE: 9-19-86
BY: John R. Bays
WELL SPACING: 203

RECEIVED
SEP 15 1986

DIVISION OF
OIL, GAS & MINING

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

24. Signed: [Signature] Title: Agent Date: 9/2/86
Robert M. Anderson
(This space for Federal or State office use)

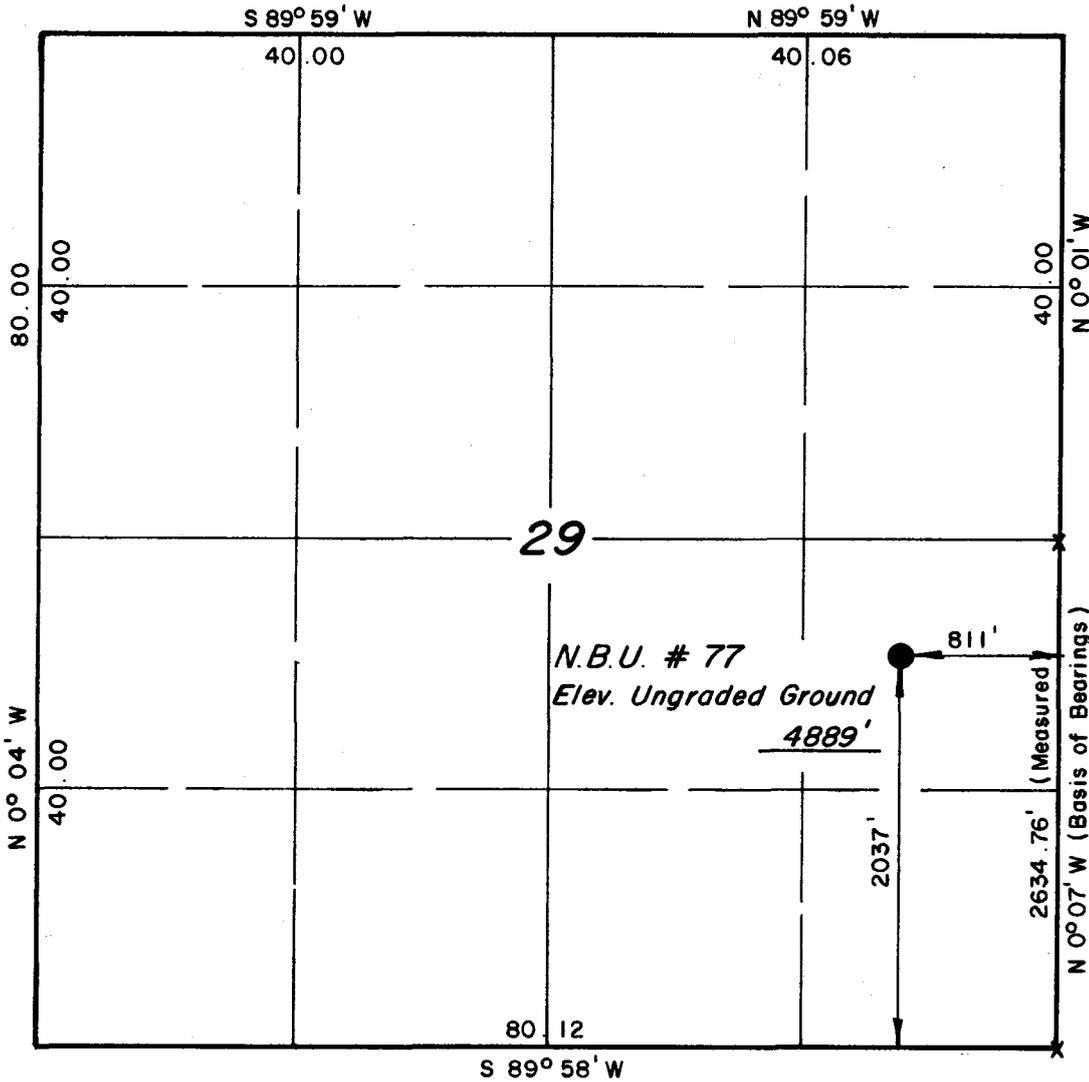
Permit No. 43-047-31743 Approval Date

Approved by: _____ Title: _____ Date: _____
Conditions of approval, if any:

T 9 S, R 22 E, S.L.B. & M.

PROJECT
COASTAL OIL & GAS CORP.

Well location, N.B.U. # 77, located as shown in the NE 1/4 SW 1/4 Section 29, T 9 S, R 22 E, S.L.B. & M. Uintah 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.

Robert J. ...

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

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

X = Section Corners Located

SCALE 1" = 1000'	DATE 8 / 29 / 86
PARTY D.A. H.M. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE COASTAL

Drilling Prognosis1. Estimated Formation Tops:

Surface	Uinta
Green River	1325'
Wasatch	4585'
Total Depth	6000'

2. Estimated Depths of Oil, Gas or Water:

Oil : None
 Gas : Wasatch - 4585'
 Water : None

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth, and cased and cemented.

3. Pressure Control Equipment:

Type : One 10" X 3000 psi annular preventer.
 One 10" X 3000 psi double ram preventer (blind ram above, pipe ram below).
 One wing with two manual valves and one choke.
 One positive choke and one adjustable.

Choke Manifold : 2 1/16" X 3000 psi dual wing manifold. Each wing with two manual valves and one choke. One positive choke and one adjustable.

Auxiliary Equipment : Upper and lower kelly cock valves. Back pressure and full opening drill string safety valves. Gas detector.

Testing Procedure : BOP and choke manifold will be installed and pressure tested before drilling out under surface casing and then checked daily for mechanical operating condition. Ram-type preventers and related pressure control equipment will be pressure tested to the rated working pressure of the stack assembly, or 70% of the internal yield of the casing, whichever is less. Annular preventer will be pressure tested to 50% of rated working pressure upon installation. BOP and choke manifold pressure rating will exceed the maximum anticipated surface pressure.

4. The Proposed Casing and Cementing Program: (Used)

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Thread</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	20#	J-55	ST&C	250'
7-7/8"	5-1/2"	17#	K-55	ST&C	T.D.

4. The Proposed Casing and Cementing Program: Continued

All casing strings will be pressure tested to 0.2 psi/ft., or 1000 psi, whichever is greater, after cementing and prior to drilling out.

Surface Casing : 125 sacks Class "H", 2% CaCl₂, 1/4#/sx Celloflake

Production Casing : 800 sx Lite
1000 sx Class "G", 2% Gel, 10% Salt

A greater amount of cement will be used if necessary to ensure that all potentially productive hydrocarbon zones are cemented off. Fill-up to be determined from logs.

5. Drilling Fluids Program: (Monitor with PVI and Flow Sensor Devices)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-250'	Air	--	--	--
250-T.D.	Fresh Water	8.7 ppg	45 sec.	12 cc

Drilling mud inventory will be stockpiled on the location and will not be less than the total amount needed for the mud system as required to drill this well.

6. Evaluation Program:

Logs : DIL with Caliper - Surface to Total Depth
FDC-CNL - Approximately 1500' to Total Depth

DST's : None Anticipated

Cores : None Anticipated

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure equals 2000 lbs.

8. Drilling Activity and Auxiliary Equipment:

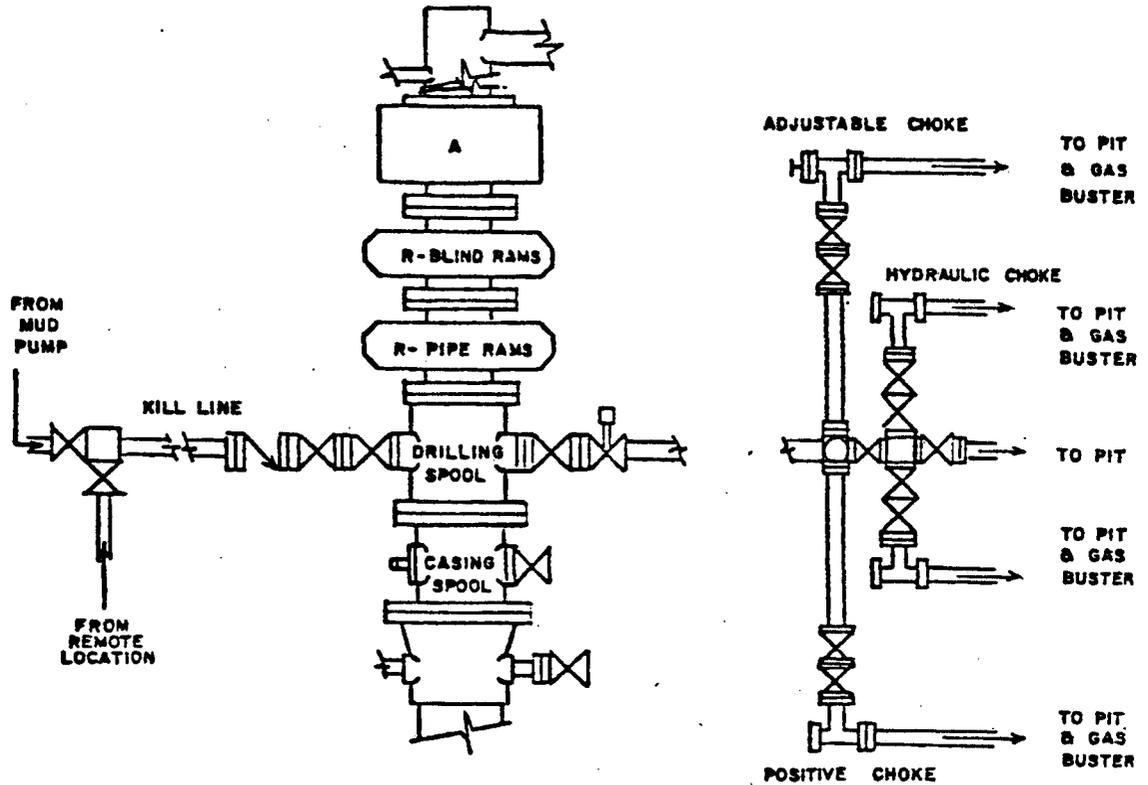
Anticipated Commencement Date: October 1, 1986
Drilling Days : Fifteen (15)
Completion Days : Three (3)

Auxiliary Equipment:

1. A kelly cock will be kept in the string at all times.
2. Periodic checks will be made each tour of the mud system (refer to Item #5).
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the kelly is not in the string.
4. No bit float will be used.

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

COASTAL OIL & GAS CORPORATION

Lease # U-01207-St, COG NBU #77
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 29, T9S, R22E
Uintah County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Water for drilling will be obtained from an existing industrial water well (Uintah #1) owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 16, Township 10 South, Range 21 East, Uintah County, Utah; Permit Number 49-991 (A57530).

2. Methods of Handling Waste Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will not be lined unless fractured rock or extremely porous soil/rock formations are encountered.

3. Plans for Reclamation of the Surface:

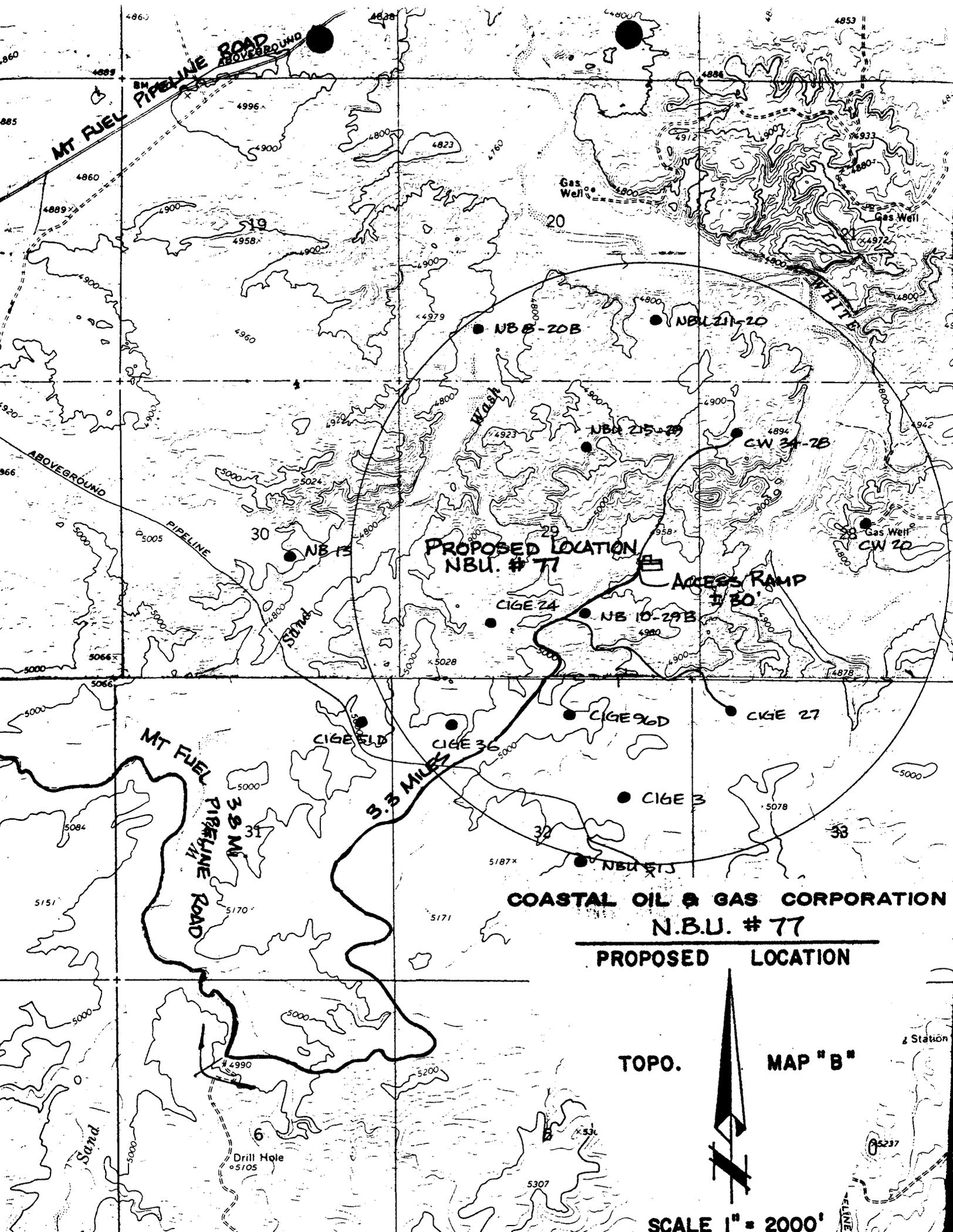
- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the State of Utah. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
- C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

3. Plans for Reclamation of the Surface: Continued

- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Fall of 1987.

4. Other Information:

- A. A cultural resource inventory of the proposed well site and access road has been conducted by Mike Metcalf/Metcalf Archaeology, P. O. Box 899, Eagle, Colorado 81631; phone (303) 328-6244. There are no known archeological, historical or cultural sites that will be disturbed by this drilling operation, as a result of this inventory.



MT FUEL PIPELINE ROAD ABOVEGROUND

MT FUEL

MT FUEL PIPELINE ROAD

3.3 MI

3.3 MILES

PROPOSED LOCATION N.B.U. # 77

ACCESS RAMP 30'

COASTAL OIL & GAS CORPORATION
N.B.U. # 77

PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'



Station

5237

5307

Drill Hole 5105

Sand

5151

5000

4863

4828

4900

4853

4884

4860

4995

4800

4823

4760

Gas Well

20

4912

4907

4933

4800

Gas Well

4972

4800

4800

4942

4894

Gas Well

CW 20

4800

4878

5000

5078

38

5171

5187x

5170

5200

5307

LINE

NB 8-20B

NBL 21-20

NBL 215-20

CW 34-7B

NB 13

CIGE 24

NB 10-29B

CIGE 96D

CIGE 27

CIGE 51D

CIGE 36

CIGE 3

NBL 513

5000

5024

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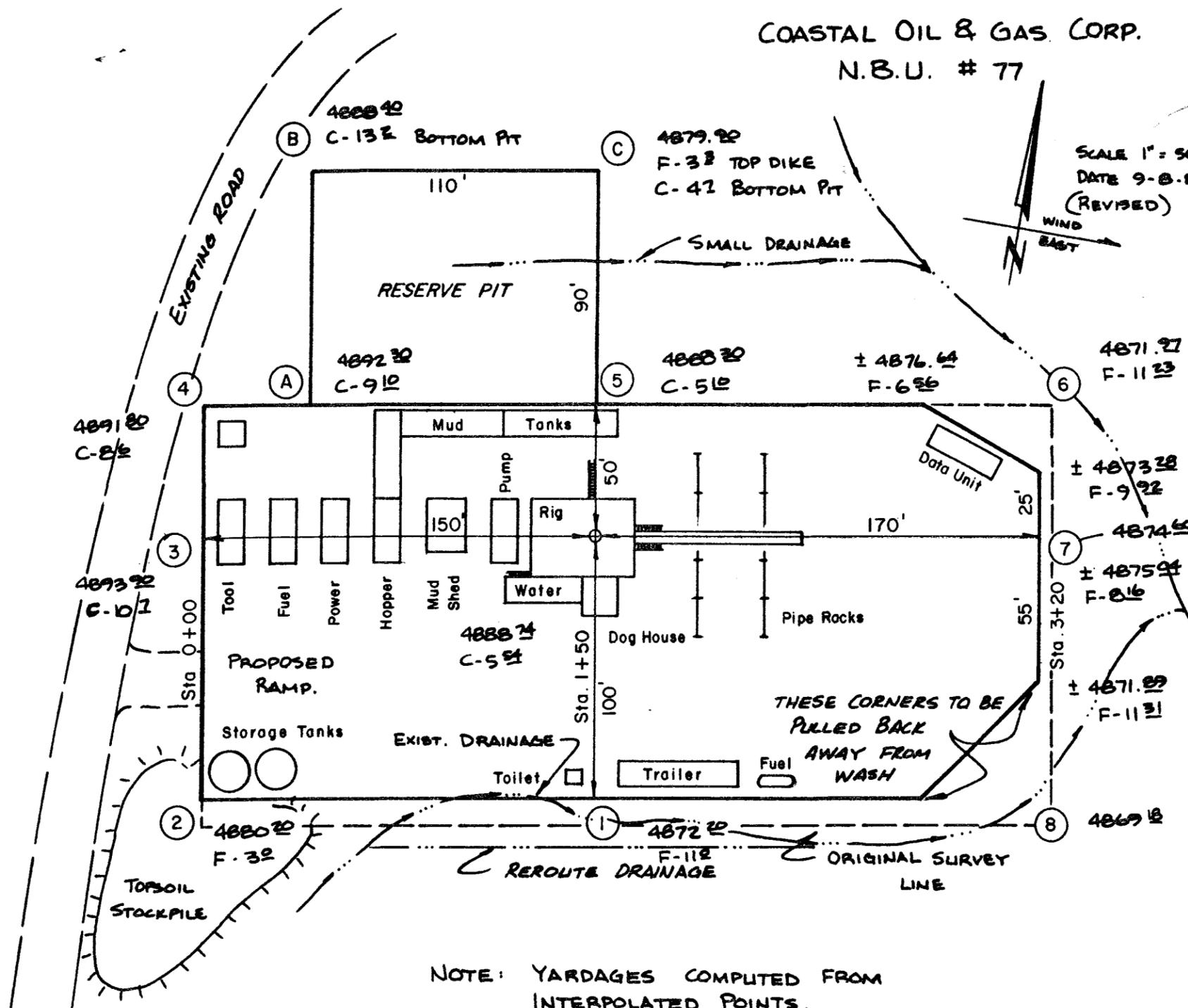
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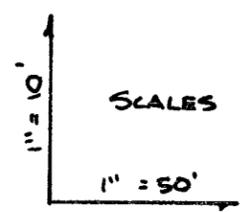
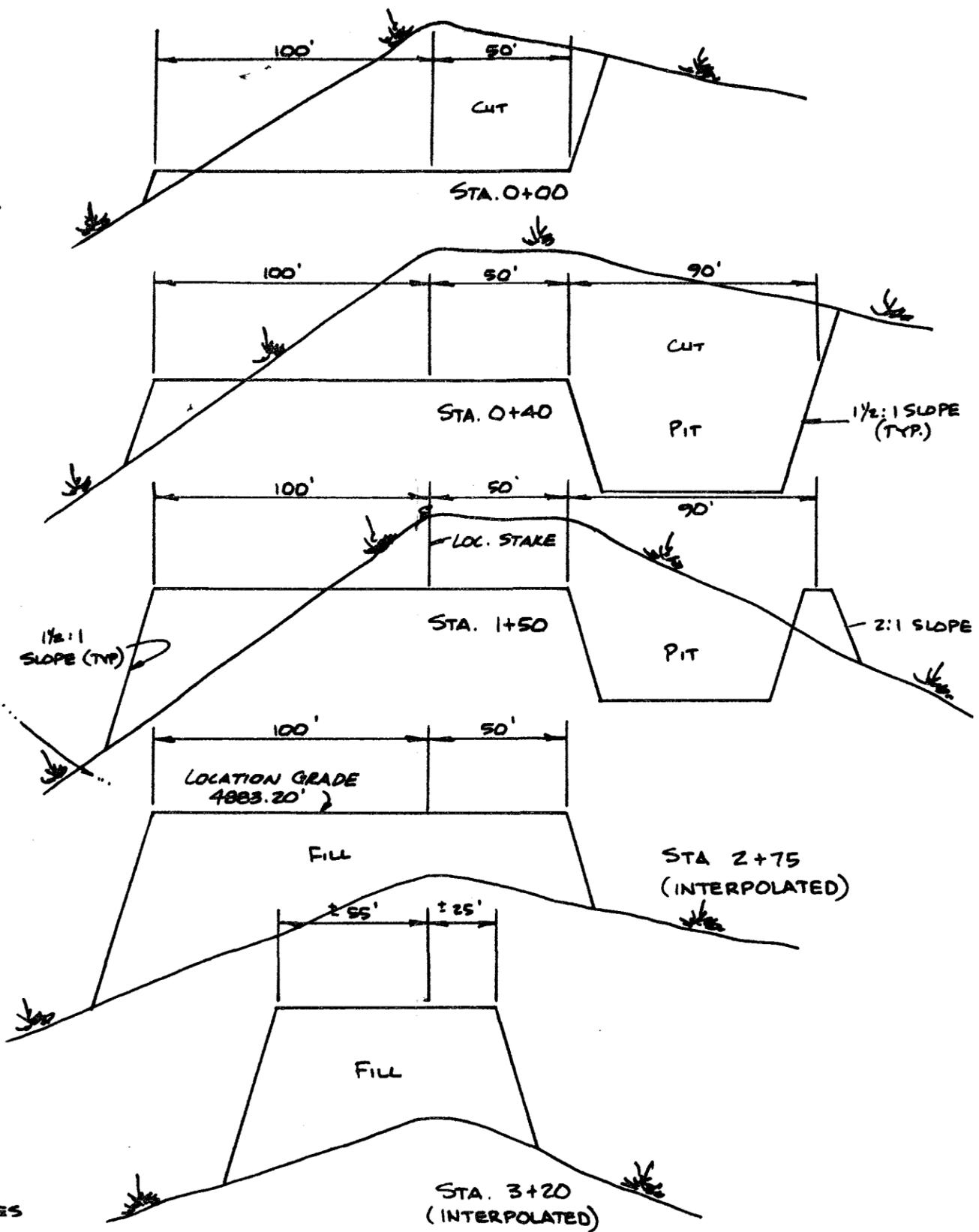
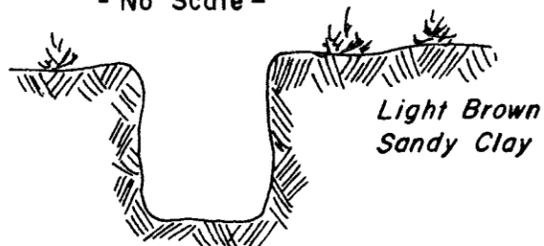
COASTAL OIL & GAS CORP.
N.B.U. # 77

SCALE 1" = 50'
DATE 9-8-86
(REVISED)



NOTE: YARDAGES COMPUTED FROM INTERPOLATED POINTS.

SOILS LITHOLOGY
- No Scale -



APPROX. YARDAGES
Cu. Yds. 9,112 CUT
Cu. Yds 7,387 FILL

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
DRILLING LOCATION ASSESSMENT

OPERATOR Coastal Oil & Gas Corp WELL NAME NBU #77
LOCATION: COUNTY Uintah SECTION 29 T 9 South R 22 East
QTR/QTR NE / SE 811' F E L & 2037' F S L
SURFACE OWNERSHIP State of Utah MINERAL LEASE # _____

ASSESSMENT PARTICIPANTS: DATE 4 / September / 1986

- Bob Anderson w/ Coastal
- Brad Weber w/ Uintah Engr
- Harley Jackson & Forrest Bird w/ Skewes & Hamilton
- Floyd Murray & Bob Cook w/ D.E.Casada
- Dick Enders w/ AEC Carol Kubly DOGM inspector

I. REGIONAL SETTING/TOPOGRAPHY

Colorado Plateau, Uintah Basin, Natural Buttes

II. LAND USE

A. Current Surface Use:

Open Range

B. Proposed Surface Disturbance:

240' x 320' for location, 30' for access road

C. Affected Floodplains and/or Wetlands:

NOT applicable

III. ENVIRONMENTAL PARAMETERS

A. Geology:

1. Surface Formation -

Uintah formation

2. Stability -

fair

B. Soils:

1. Soil Characteristics -

Light to medium brown sandy silt

2. Erosion/Sedimentation -

Modified location will help keep this minimal

C. Water Resources:

2.65 miles to the northeast to the White River

D. Flora/Fauna:

Shadscale, cheat grass, rice grass, rabbit brush, salt bush, ant hills, lizards

E. Cultural Resources/Archeology:

Not cleared yet

F. Adequacy of Restoration Plans:

Adequate

IV. RESERVE PIT

A. Characteristics:

110' x 90' x 8'

B. Lining:

Plastic for fractured rock, freshwater/gel drilling mud if not fractured

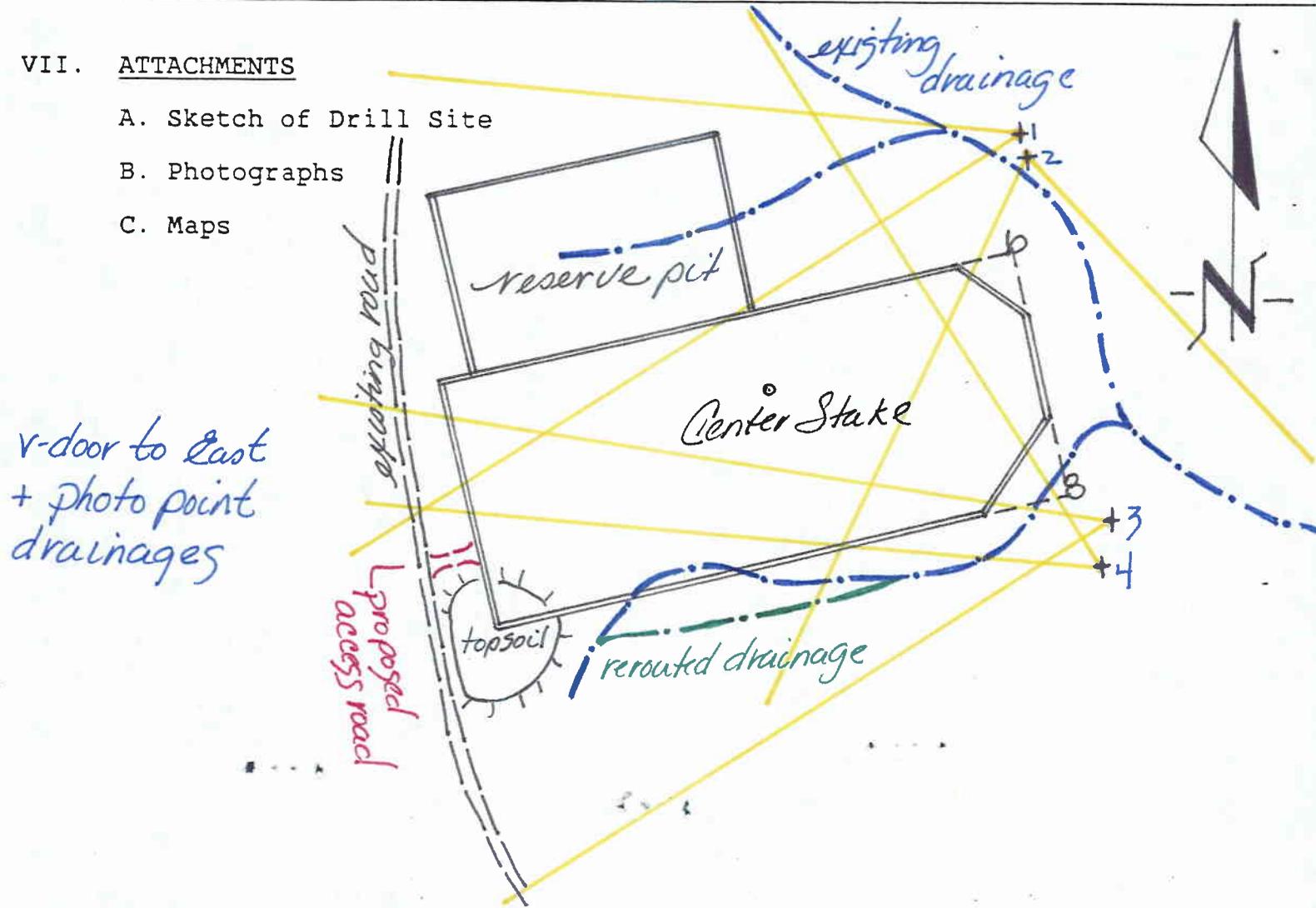
V. OTHER OBSERVATIONS

VI. STIPULATIONS FOR APD APPROVAL:

Must round off corners #6 and 8. Also, bring stadia 3+25 East by 5', Also, bring stadia 1+50 North by 10' to allow for drainages, See diagram below.

VII. ATTACHMENTS

- A. Sketch of Drill Site
- B. Photographs
- C. Maps





Coastal O&G
NBU # 77

Unit 1

NE 29
950, 22E

1



Coastal 0867

NBU #77

NESE 29

980 22E

Uentah

2



Coastal OEG
NBU #77
Uintak

NESE 29
9.80 22E



Coastal 0 26
NRU # 77
Uintah

NOSE 29
980 22E

4

OPERATOR Coastal Oil & Gas Corp. DATE 9-16-86

WELL NAME COG NBU #77

SEC NE 29 T 9S R 22E COUNTY United

43-047 31743
API NUMBER

State
TYPE OF LEASE

CHECK OFF:

- PLAT
- BOND
- NEAREST WELL
- LEASE
- FIELD
- POTASH OR GIL SHALE

PROCESSING COMMENTS:

Unit well - OK on P.O.D. 9/17/86

Water - Target Trucking 49-991 (#57530)

State history

APPROVAL LETTER:

SPACING: 203 Natural Buttes UNIT 302

CAUSE NO. & DATE 302.1

STIPULATIONS:

- 1- Oil Shale
- 2- State history
- 3- The ~~of~~ Division shall be notified within 48 hours of excavation of reserve pit and prior to placing fluids ~~within~~ pit to allow inspection for determination of liner requirement.
4. See attached diagram for location construction stipulations.



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

September 19, 1986

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: Well Name: COG NBU #77 - NE SE Sec. 9, T. 9S, R. 22E
2037' FSL, 811' FEL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Special attention is directed to compliance with Rule 318.4, which prescribes drilling procedures for designated oil shale areas.
2. Prior to any ground-disturbing activity on state lands or lands owned or controlled by the state or its subdivisions, a cultural resource clearance report must be filed with and approved by the Division of State History, phone (801) 533-4563. A list of acceptable archaeological contractors is available from the Division of State History.
3. The Division shall be notified within 48 hours of excavation of reserve pit and prior to placing fluids in pit to allow inspection for determination of liner requirement.
4. See attached diagram for location construction stipulations.

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.

Page 2
Coastal Oil & Gas Corporation
Well Name: COG NBU #77
September 19, 1986

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 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. 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 43-047-31743.

Sincerely, .



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: State Lands & Forestry
D. R. Nielson
8159T



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

October 6, 1986

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201-0749

AMENDED

Gentlemen:

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Page 2
Coastal Oil & Gas Corporation
October 6, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. 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 43-047-31743.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: State Lands & Forestry
D. R. Nielson
8159T

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

101604

5. Lease Designation and Serial No.

U-01207-St.

6. If Indian, Allottee or Tribe Name

Not Applicable

7. Unit Agreement Name

Natural Buttes

8. Farm or Lease Name

COG NBU

9. Well No.

#77

10. Field and Pool, or Wildcat

Natural Buttes

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 29, T9S, R22E

12. County or Parrish 13. State

Uintah Utah

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
Coastal Oil & Gas Corporation (303) 573-4458

3. Address of Operator
P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface
2037' FSL, 811' FEL (NE 1/4 SE 1/4)
At proposed prod. zone
Same

14. Distance in miles and direction from nearest town or post office*
43.047. 31743
Eleven (11) Miles Southeast of Ouray, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
811'

16. No. of acres in lease
400

17. No. of acres assigned to this well
80

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
1300'

19. Proposed depth
6000'

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
4940' GR

22. Approx. date work will start*
October 1, 1986

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"	20#	250'	125 sx Circ. to Surface
7-7/8"	5-1/2"	17#	6500'	1800 sx

REFER TO ATTACHED DRILLING PROGNOSIS.

RECEIVED
OCT 14 1986

DIVISION OF
OIL, GAS & MINING

OCT 1986
RECEIVED
Utah

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: Robert M. Anderson Title: Agent Date: 9/2/86
(This space for Federal or State office use.)

Permit No. ACCEPTED BY BLM FOR UNIT PURPOSES ONLY Approval Date _____

Approved by _____ Title _____ Date 10/9/86
Conditions of approval, if any:

*See Instructions On Reverse Side

UT-080-7-M-02
State DOG&M

092511

Cultural Resources Inventory of the
Coastal Oil and Gas COG NBU 77
Well Pad and Access
Uintah County, Utah

by
Michael D. Metcalf
Field Archaeologist and Principal Investigator

for
Coastal Oil and Gas Company
Denver, Colorado

and
Heitzman Well Site Services

M A C
Metcalf Archaeological Consultants, Inc.
Eagle, Colorado

Project No. U-86-MM-570s

September 1986

Introduction

The Coastal Oil and Gas NBU 77 survey area is on State lands and consists of a ten acre block centered on a staked well location in the NE/SE of Section 29, T9S, R22E (Figure 1). Access for this location is within the 10 acre survey. The survey, performed by the author under permit number U-86-MM-570s, was completed on September 8, 1986. No cultural resources were discovered during this survey, therefore, cultural resource clearance is recommended.

Project Setting

The project area is a dissected plateau south of the White River in the Uinta Basin of eastern Utah. The area is characterized generally by eroded sandstone formations, sagebrush-shadscale vegetation patterns and clayey soils with wide areas of desert pavement and restricted pockets of Holocene age sand deposits.

The NBU 77 location is situated on a dissected east facing bench at the heads of several small drainages. Soils are a sandy clay residuum with a light desert pavement. There were no notable soil accumulations in the project area. Vegetation is a very thin shadscale cover with ground visibility being excellent.

Files Search

A files search was conducted by Liz Manion of the Division of State History on August 28, 1986 for Archeological Energy Consultants, also the Bureau of Land Management cultural resource maps were checked by the author on September 8, 1986. These records show that numerous oil and gas surveys have occurred in the area, but no previous survey covers this project area. There are no previously recorded near the study vicinity.

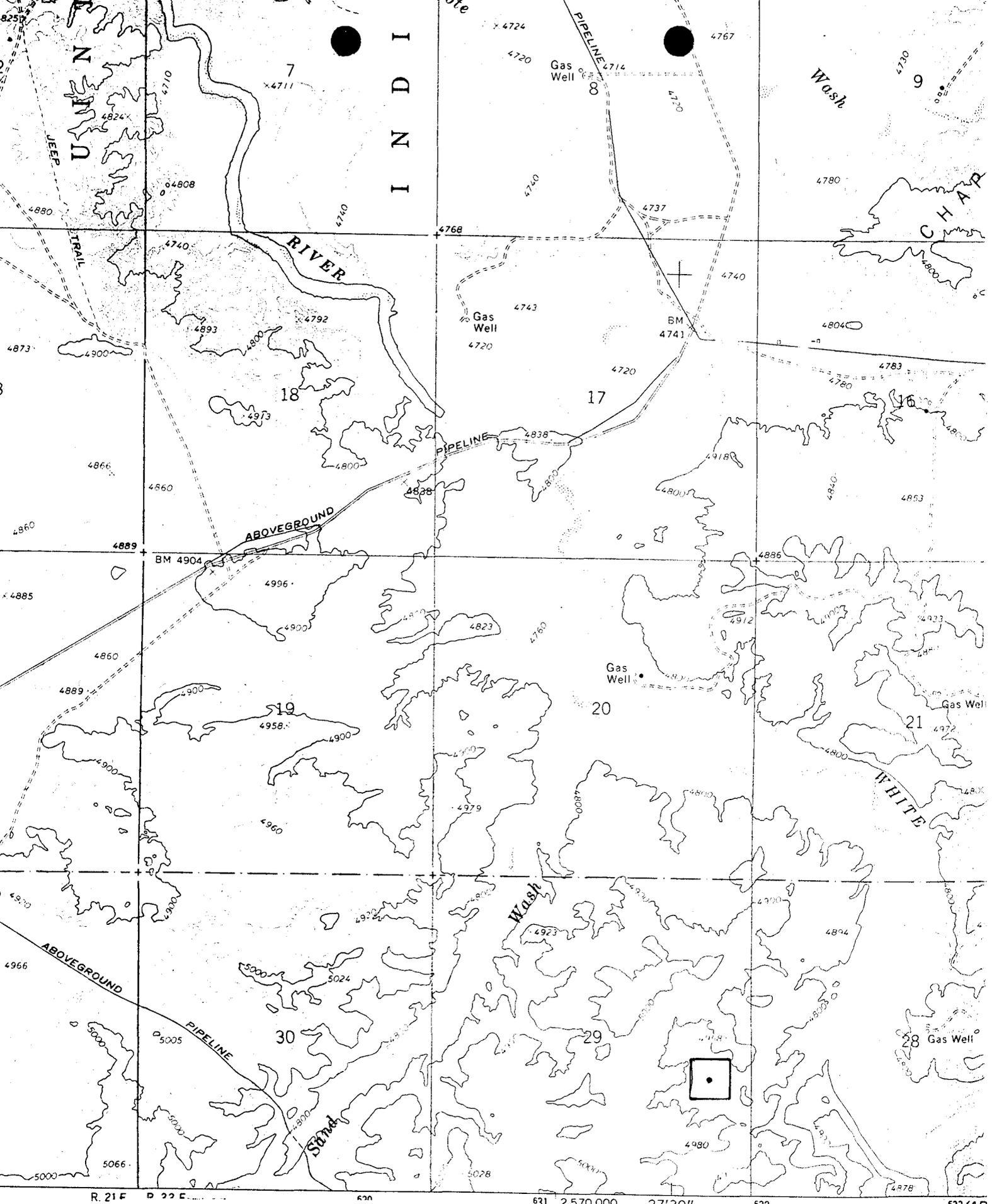
Field Methods

Standard methodology for ten acre blocks consists of the use of a series of roughly parallel pedestrian transects (12) spaced at approximate 15 m intervals. Access is covered by two pedestrian transects, one on

either side of the staked centerline, to cover a 100 ft wide corridor. However, the access road for this location was covered in the ten-acre survey. Special attention is given to fresh erosional cuts. Surface visibility can be characterized as excellent.

Results/Recommendations

No cultural resources were located during this survey, therefore, cultural resource clearance is recommended for this location as staked.



ed, edited, and COASTAL OIL & GAS
 ol by USGS and NBU 77
 raphy by photog NE/SE Sec. 29, T9S, R22E
 raphs taken 19, Uintah County, Utah
 onic projection. Red Wash USGS Quadrangle



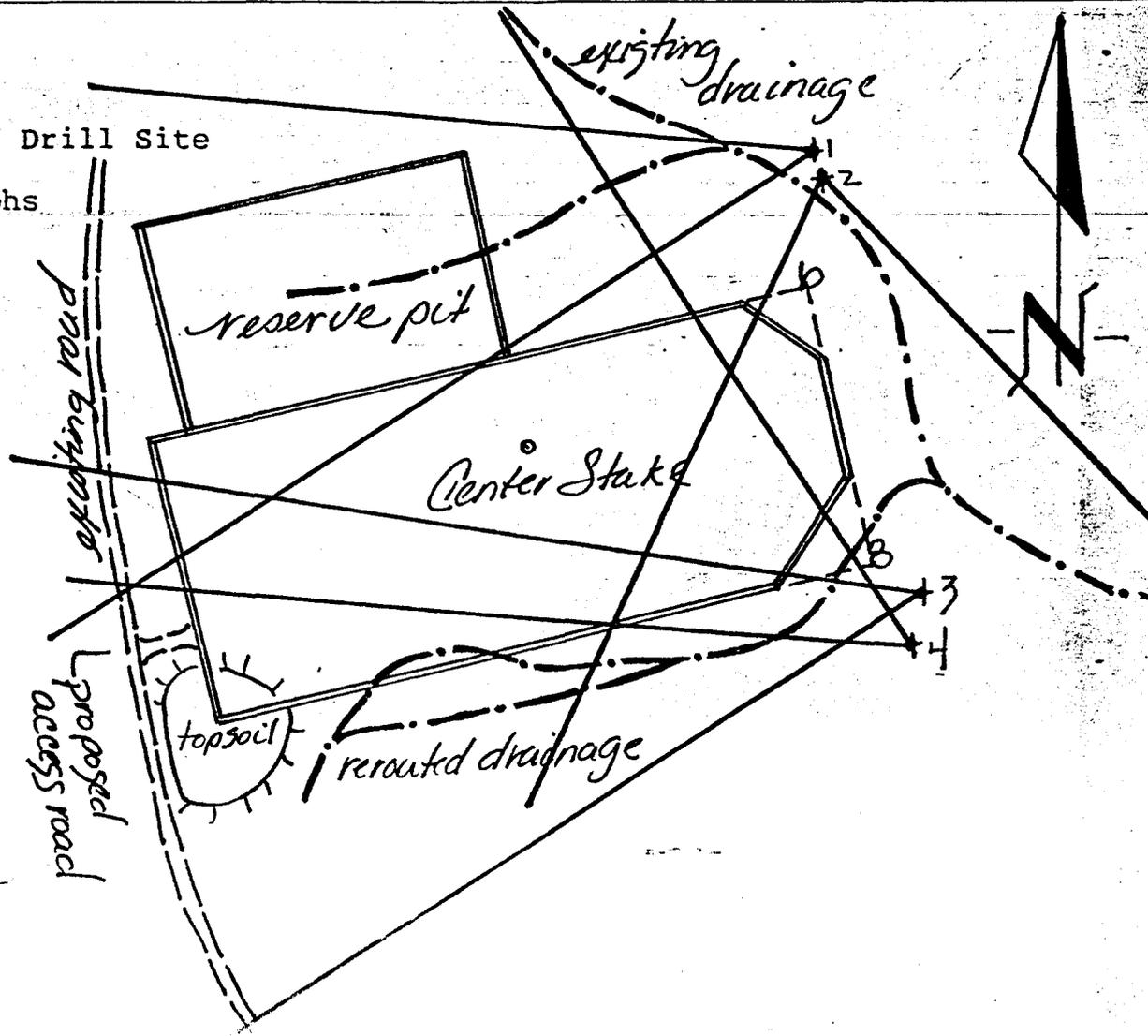
VI. STIPULATIONS FOR APD APPROVAL:

Must round off corners #6 and 8. Also, bring stadia 3+25 East by 5', Also, bring stadia 1+50 North by 10' to allow for drainages, See diagram below.

VII. ATTACHMENTS

- A. Sketch of Drill Site
- B. Photographs
- C. Maps

v-door to East
+ photo point
drainages



FILING FOR WATER IN THE STATE OF UTAH

Rec. by CT
 Fee Paid \$ 15.00
 Platted 214.0
 Microfilmed _____
 Roll # _____

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, 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.

WATER USER CLAIM NO. 49 - 1405

APPLICATION NO. T62133

1. PRIORITY OF RIGHT: October 20, 1986

FILING DATE: October 20, 1986

2. OWNER INFORMATION

Name: Dalbo Inc.

Address: P.O.Box 1168, Vernal, UT 84078

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 12.0 acre feet (Ac. Ft.)

4. SOURCE: White River DRAINAGE: SE Uinta Basin

COUNTY: Uintah

POINT(S) OF DIVERSION:

(1) S. 1500 feet, E. 2000 feet, from the NW Corner of Section 28,
 Township 9 S, Range 22 E, SLB&M

Description of Diverting Works: Pumped into tank trucks

(2) S. 2500 feet, W. 2700 feet, from the NE Corner of Section 2,
 Township 10 S, Range 22 E, SLB&M

Description of Diverting Works: pumped into tank trucks

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Recovery: From October 20 to October 20.

6. PURPOSE AND EXTENT OF USE

Oil Recovery: Drilling of 4 wells (CIGE 105D, 106D, 109D and NBU 770)

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
9 S 22 E All																
10 S 22 E All																

All locations in Salt Lake Base and Meridian

EXPLANATORY

No. 1 Diversion is on BLM Land. No. 2 Diversion is on State Land



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

dl.
030105

February 22, 1988

Coastal Oil and Gas Corporation
P.O. Box 749
Denver, Colorado 80201-0749

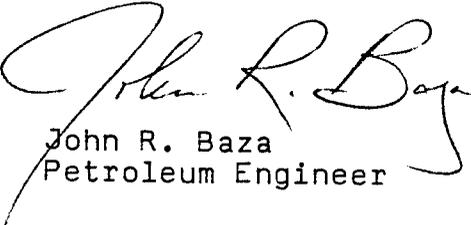
Gentlemen:

RE: Well No. COG NBU #77, Sec. 29, T. 9S, R. 22E,
Uintah County, Utah, API NO. 43-047-31743

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,


John R. Baza
Petroleum Engineer

sb
cc: BLM-Vernal
D. R. Nielson
R. J. Firth
Well file
0327T-32