

UTAH OIL AND GAS CONSERVATION COMMISSION

RE: MARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSP \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

DATE FILED: FEBRUARY 16, 1994

LAND: FEE & PATENTED STATE LEASE NO. U-01194-ST PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: JUNE 13, 1994

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LOCATION ABANDONED APD EXPIRED EFFECTIVE SEPTEMBER 12, 1996

FIELD: NATURAL BUTTES FIELD

UNIT: NATURAL BUTTES UNIT

COUNTY: UINTAH

WELL NO. COG 14-26-9-21 GR API NO. 43-047-32465

LOCATION 1498' FSL FT. FROM (N) (S) LINE. 832' FWL FT. FROM (E) (W) LINE. NW SW 1/4 - 1/4 SEC. 26

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	21E	26	COASTAL OIL & GAS

DRILLING LOCATION ASSESSMENT

RECEIVED

DEC 28 1993

State of Utah  
Division of Oil, Gas and Mining

DIVISION OF  
OIL, GAS & MINING

OPERATOR: Coastal Oil & Gas Corp. WELL NAME: COG 14-26-9-21 GR  
SECTION: 26 TWP: 9S RNG: 21E LOC: 1498 FSL 832 FWL  
QTR/QTRNW/SW COUNTY: Uintah FIELD: Natural Buttes  
SURFACE OWNER: State  
SPACING: F SECTION LINE F QTR/QTR LINE F ANOTHER WELL  
INSPECTOR: David W. Hackford DATE AND TIME: 2:00 PM 12/13/93  
PARTICIPANTS: Paul Brashears, Don Allred, Joe Adamski, Dennis  
Ingram, David W. Hackford

REGIONAL SETTING/TOPOGRAPHY

Nearly flat ground. Appox. 1.5' in elevation difference  
between high and low point inside stakes.

LAND USE:

CURRENT SURFACE USE: Livestock and wildlife grazing.

PROPOSED SURFACE DISTURBANCE: Some of existing location of NBU  
60 will be part of new location. 1 to 2' cut in middle of  
proposed location. Road access will be from NBU 60

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A

FLORA/FAUNA: Sagebrush, four wing salt brush, native grasses. Ground  
over 50% bare. Antelope and wild horse tracks present. Probably  
used by rabbits, coyotes, small reptiles, raptors, small birds.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy loam clay soil.  
Shale stone and sandstone.

SURFACE FORMATION & CHARACTERISTICS:

EROSION/SEDIMENTATION/STABILITY: Erosion should not be  
a problem.

PALEONTOLOGICAL POTENTIAL: None

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: 4625' Green River formation.

ABNORMAL PRESSURES-HIGH AND LOW: None. Established field.

CULTURAL RESOURCES/ARCHAEOLOGY: None.

CONSTRUCTION MATERIALS: Location will be constructed with materials from the site.

SITE RECLAMATION: Reclamation will be done to natural state.

RESERVE PIT

CHARACTERISTICS: 100' by 100' with 10' deep to the east of wellhead.

LINING: Paul Brashears said Coastal planned to line pit with 12 mil plastic rather it be required or not.

MUD PROGRAM: As specified or necessary in APD.

DRILLING WATER SUPPLY: Uinta #1 well.

OTHER OBSERVATIONS

Wellhead will be 90' from NBU 60 wellhead. NBU 60 is a Wasatch well. COG 14-26-9-21 GR will be a Green River well/

STIPULATIONS FOR APD APPROVAL

Top soil and material from reserve pit should be piled seperatly on location edge for reclamation.

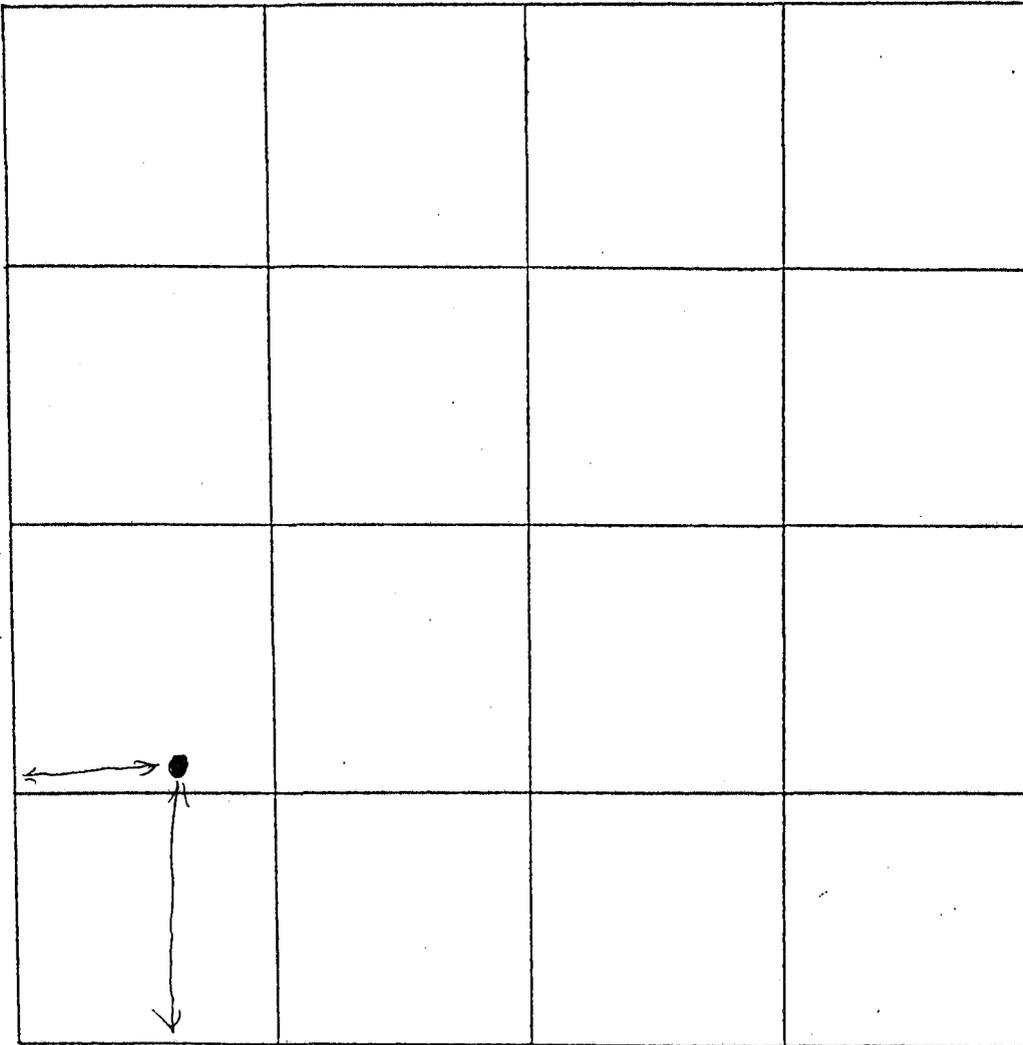
ATTACHMENTS

Photos and maps attached.

SECTION 26 TOWNSHIP 9S RANGE 21E COUNTY Uintah STATE Utah

SCALE= 1"=1000'

NW/SW

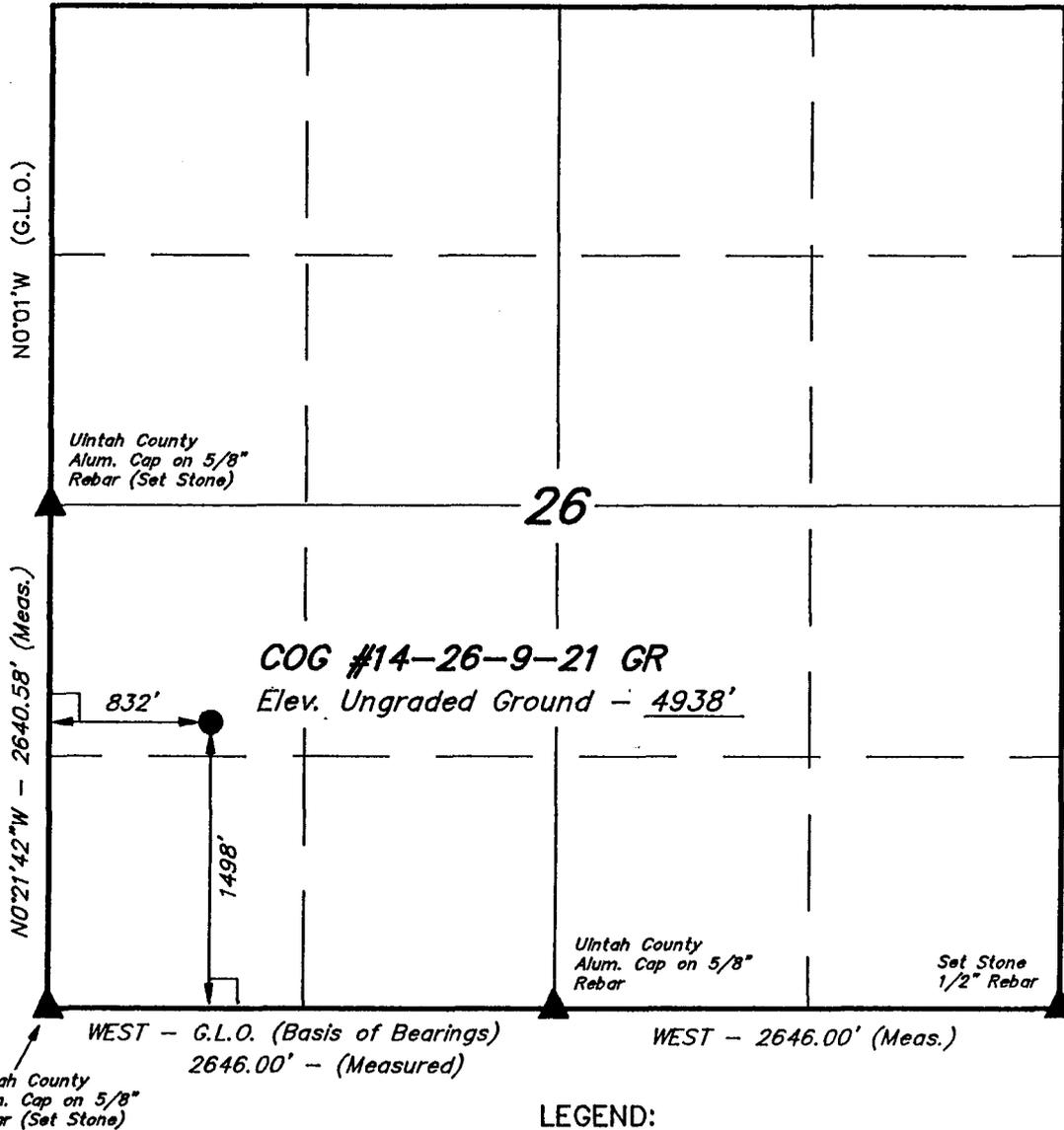


T9S, R21E, S.L.B.&M.

**COASTAL OIL & GAS CORP.**

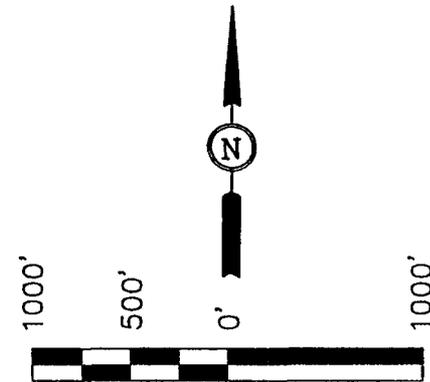
Well location, COG #14-26-9-21 GR, located as shown in the NW 1/4 SW 1/4 OF Section 26, T9S, R21E, S.L.B.&M. Uintah County, Utah.

S89°59'W - 80.06 (G.L.O.)



**BASIS OF ELEVATION**

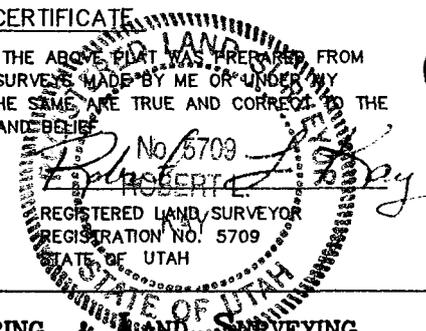
TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE

**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.



**LEGEND:**

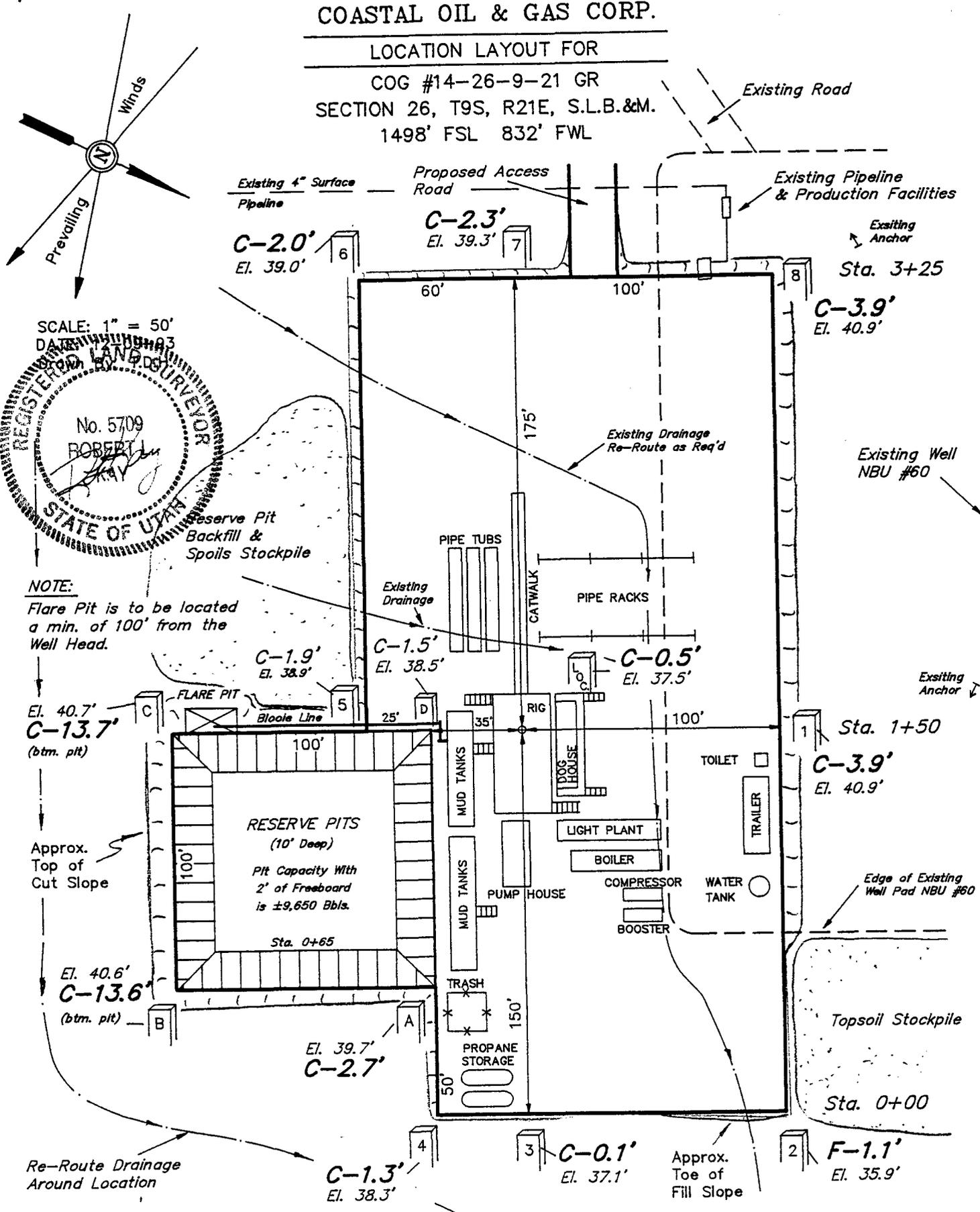
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 12-08-93	DATE DRAWN: 12-09-93
PARTY J.F. D.R.      T.D.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

# COASTAL OIL & GAS CORP.

## LOCATION LAYOUT FOR

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B.&M.  
1498' FSL 832' FWL



**NOTE:**  
Flare Pit is to be located  
a min. of 100' from the  
Well Head.

Approx.  
Top of  
Cut Slope

El. 40.6'  
**C-13.6'**  
(btm. pit)

Re-Route Drainage  
Around Location

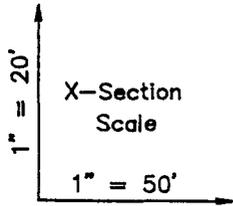
**NOTES:**

Elev. Ungraded Ground At Loc. Stake = **4937.5'**  
FINISHED GRADE ELEV. AT LOC. STAKE = **4937.0'**

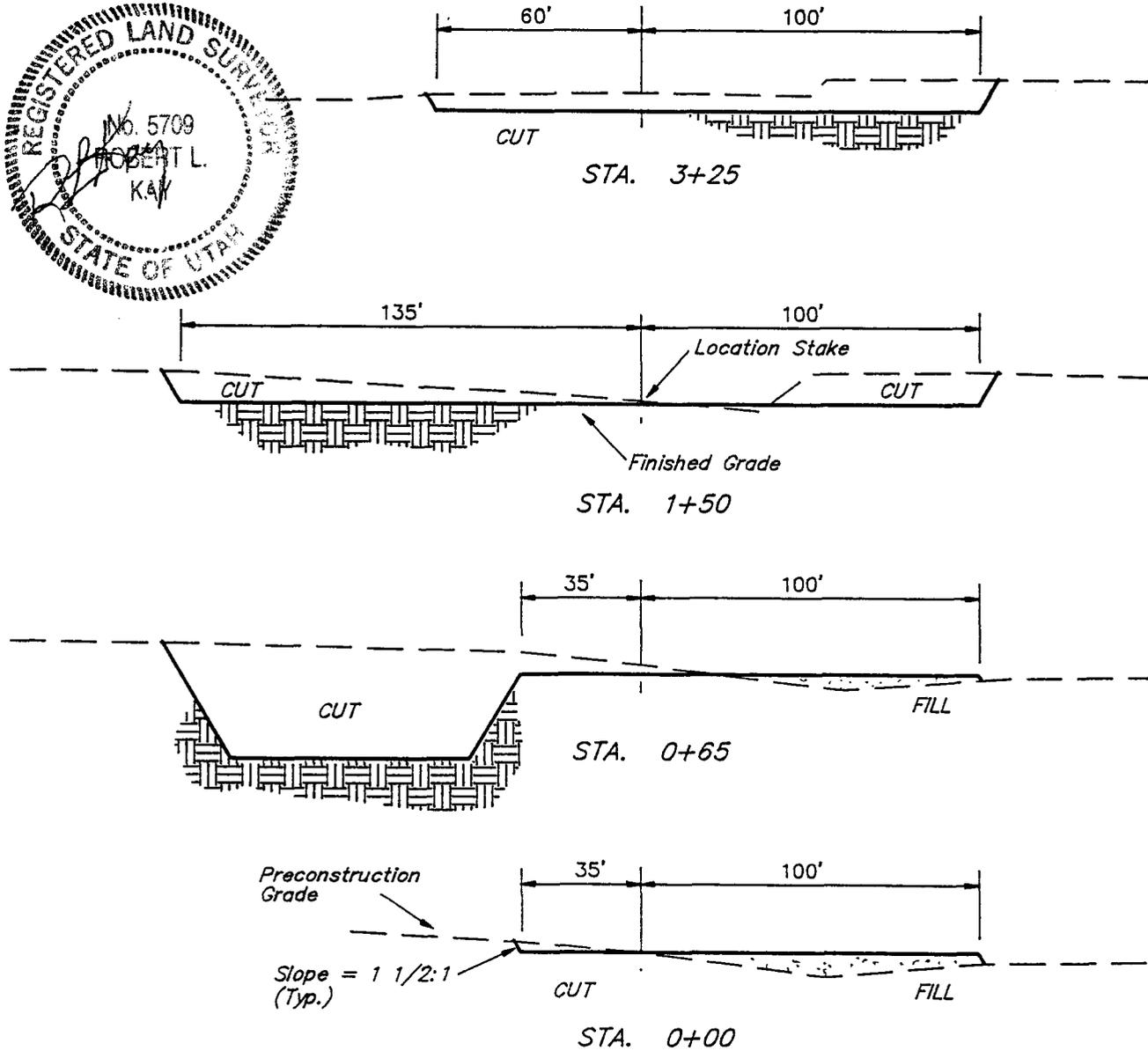
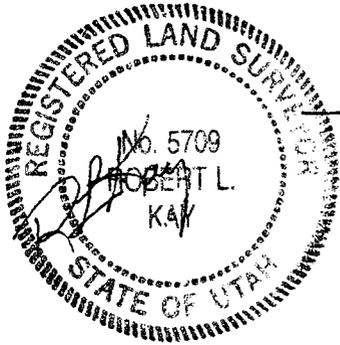
**FIGURE #1**

COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR  
 COG #14-26-9-21 GR  
 SECTION 26, T9S, R21E, S.L.B.&M.  
 1498' FSL 832' FWL



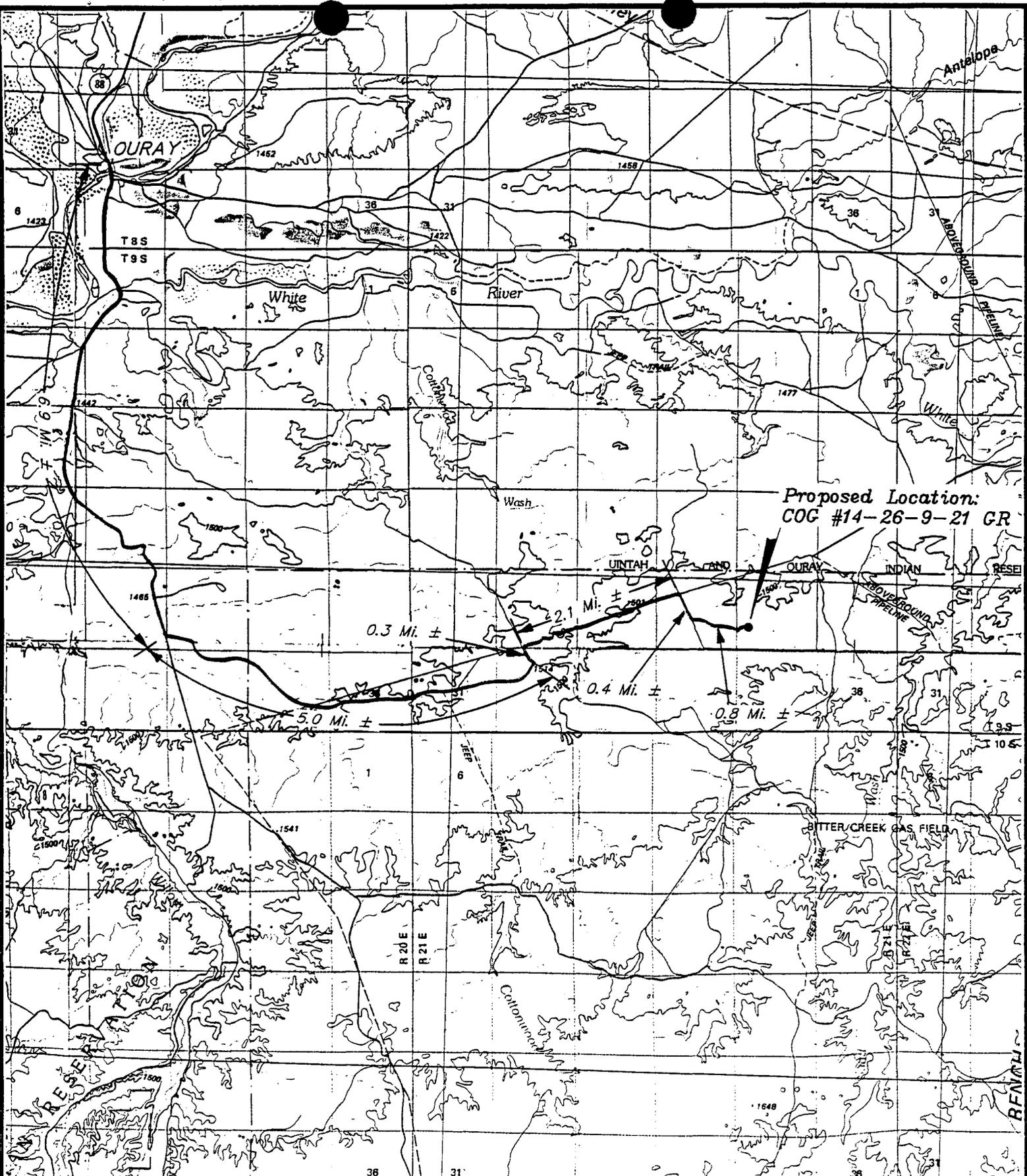
DATE: 12-09-93  
 Drawn By: T.D.H.



APPROXIMATE YARDAGES

CUT			
(6") Topsoil Stripping	=	1,080 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION
Remaining Location	=	5,660 Cu. Yds.	= 6,060 Cu. Yds.
TOTAL CUT	=	6,740 CU.YDS.	Topsoil & Pit Backfill (1/2 Pit Vol.)
FILL	=	650 CU.YDS.	= 2,430 Cu. Yds.
			EXCESS UNBALANCE (After Rehabilitation)
			= 3,630 Cu. Yds.

FIGURE #2



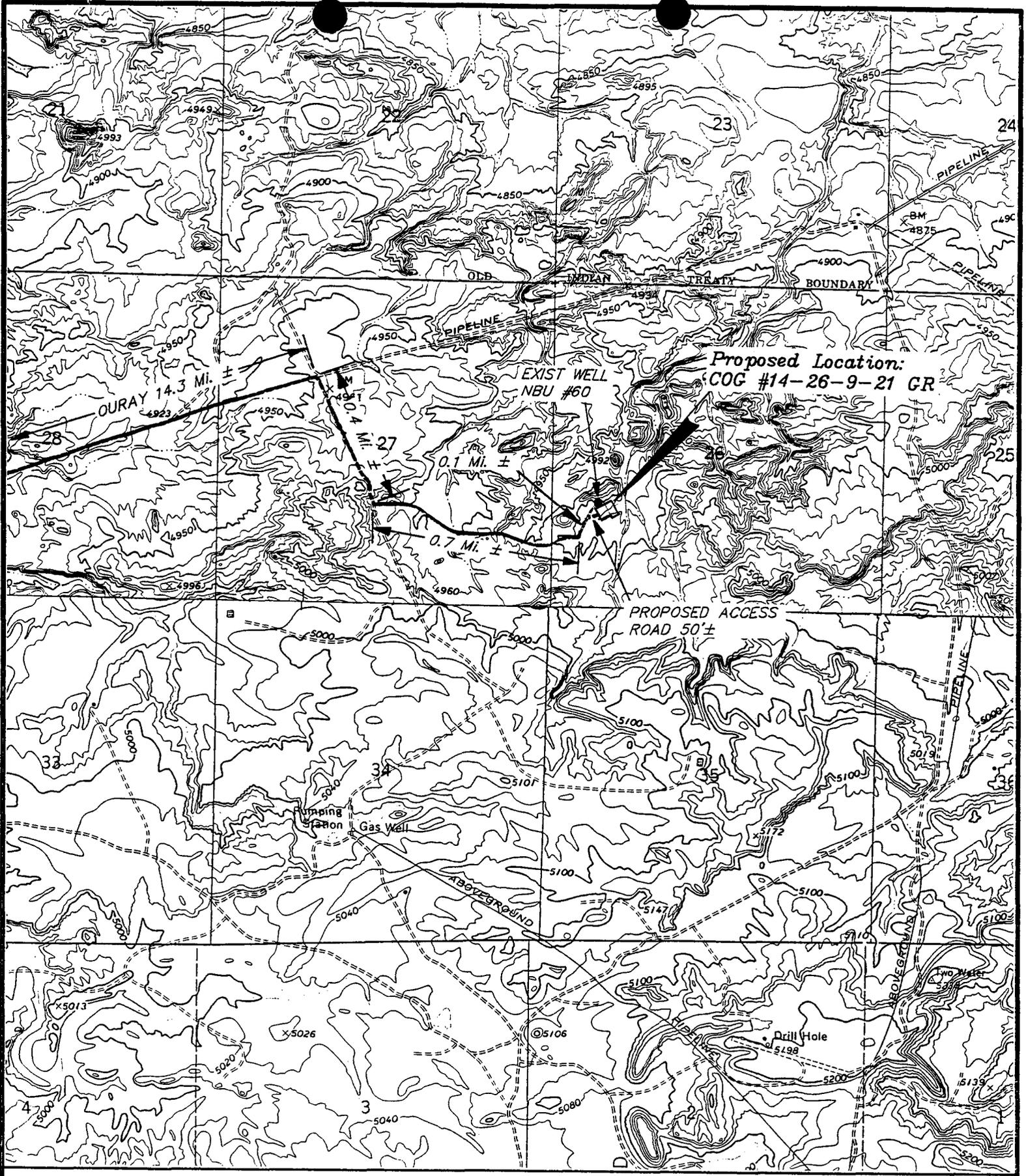
TOPOGRAPHIC  
MAP "A"

DATE: 12-9-93 D.R.B.



COASTAL OIL & GAS CORP.

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B.& M.



TOPOGRAPHIC  
MAP "B"

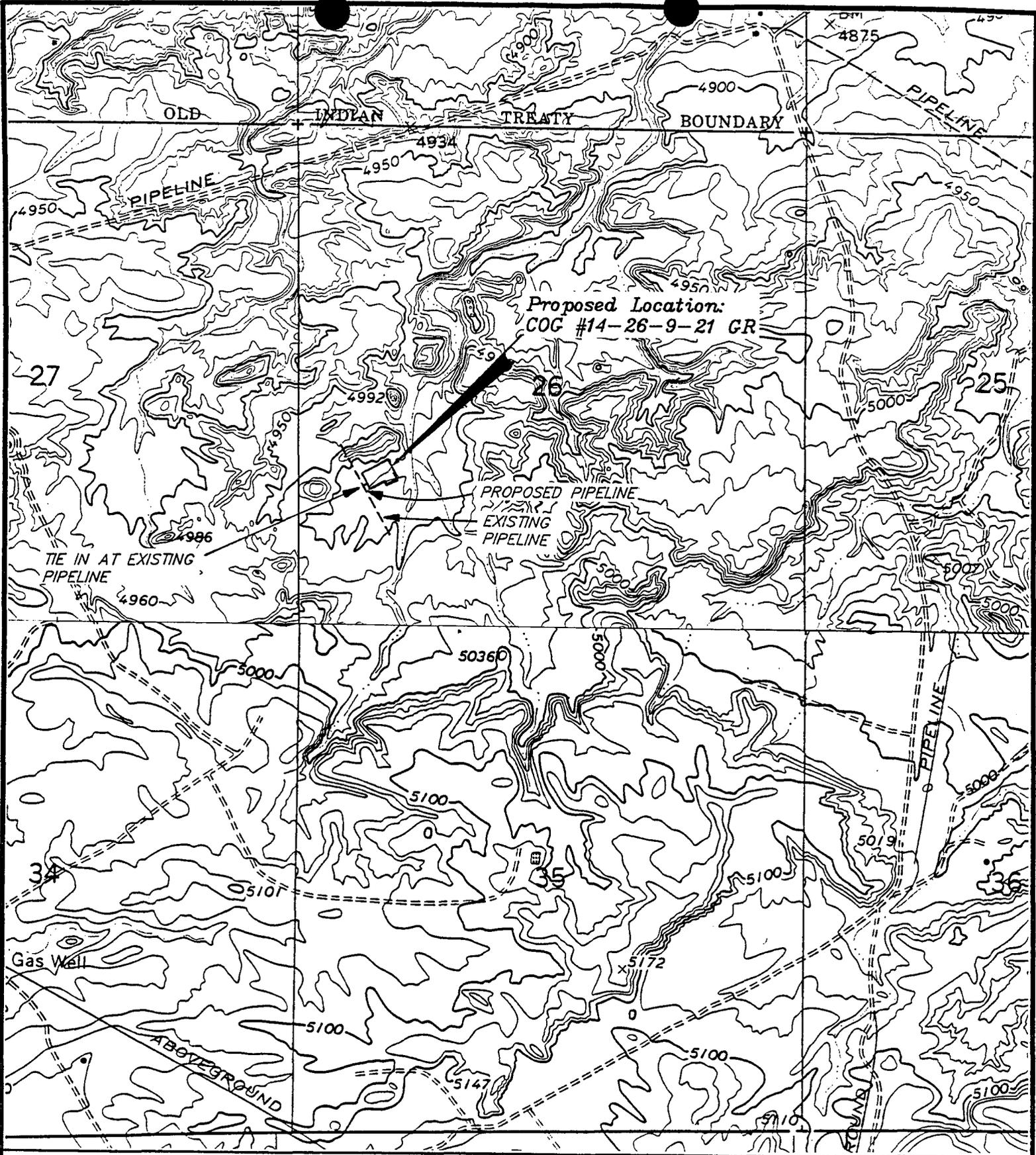
SCALE: 1" = 2000'

DATE: 12-9-93 D.R.B.



COASTAL OIL & GAS CORP.

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B. & M.



APPROX. PIPELINE DISTANCE = 210'

TOPOGRAPHIC  
MAP

LEGEND

- EXISTING PIPELINE
- Proposed Pipeline



**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B. & M.

DATE: 12-9-93



PRT-SITE #/ LOCATION - NW & GA

#7

COG # 14-26-9-21 GR

NW/SE SEC 26 T9S R21E

NATURAL BUTTE 1498' FSL 832' FWL

12/93 INK 08 722 1021 P M N H-03 2



#2

PRE-SITE CONTACT ON TGS

COG #14-26-9-21 GR

NW/5W Sec 26 T9S R21E

12/13/93

PHOTOED EAST LOOKING WEST

DH

12/93 INK 09 722 1901 N N N N-02 2



#9

COG # 14-26-1-21 GRN

NW/SE SEC 26 75 21E

PHOTOGRAPHED IS SOUTH  
LOOKING NORTH

12/93 INK 18 722 1921 N N N N N-03 2

# T9S, R21E, S.L.B.&M.

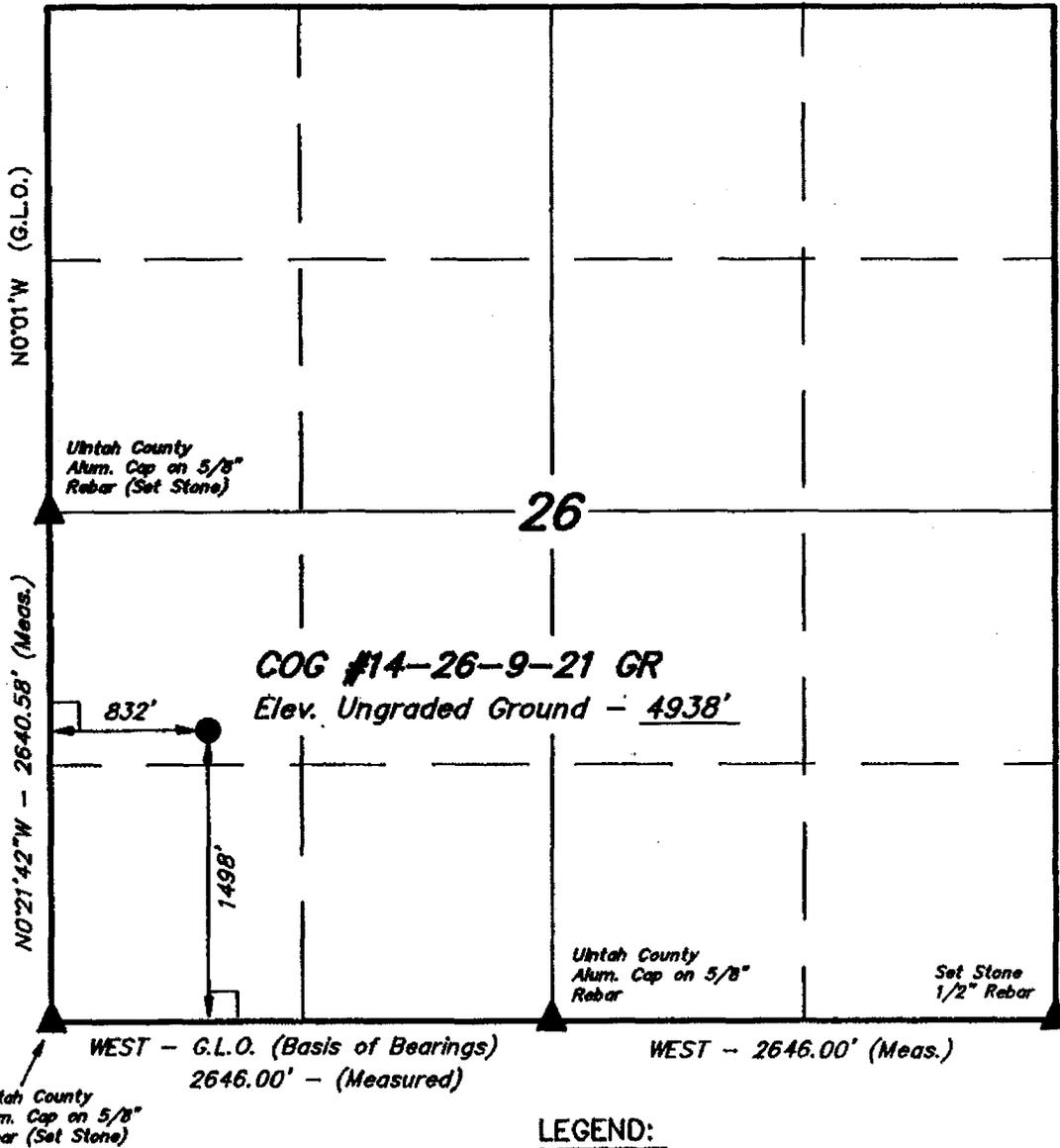
## COASTAL OIL & GAS CORP.

Well location, COG #14-26-9-21 GR, located as shown in the NW 1/4 SW 1/4 OF Section 26, T9S, R21E, S.L.B.&M. Uintah County, Utah.

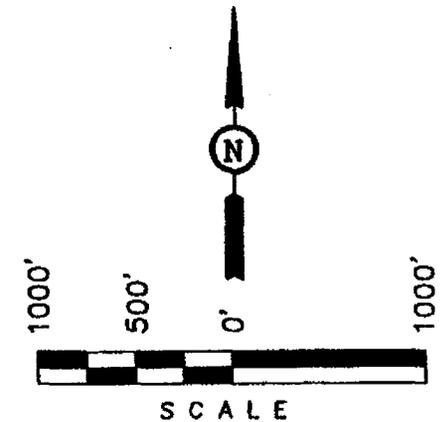
S89°59'W - 80.06 (G.L.O.)

### BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



N0°01'W (G.L.O.)



### 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 L. Fry*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 86 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

### LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

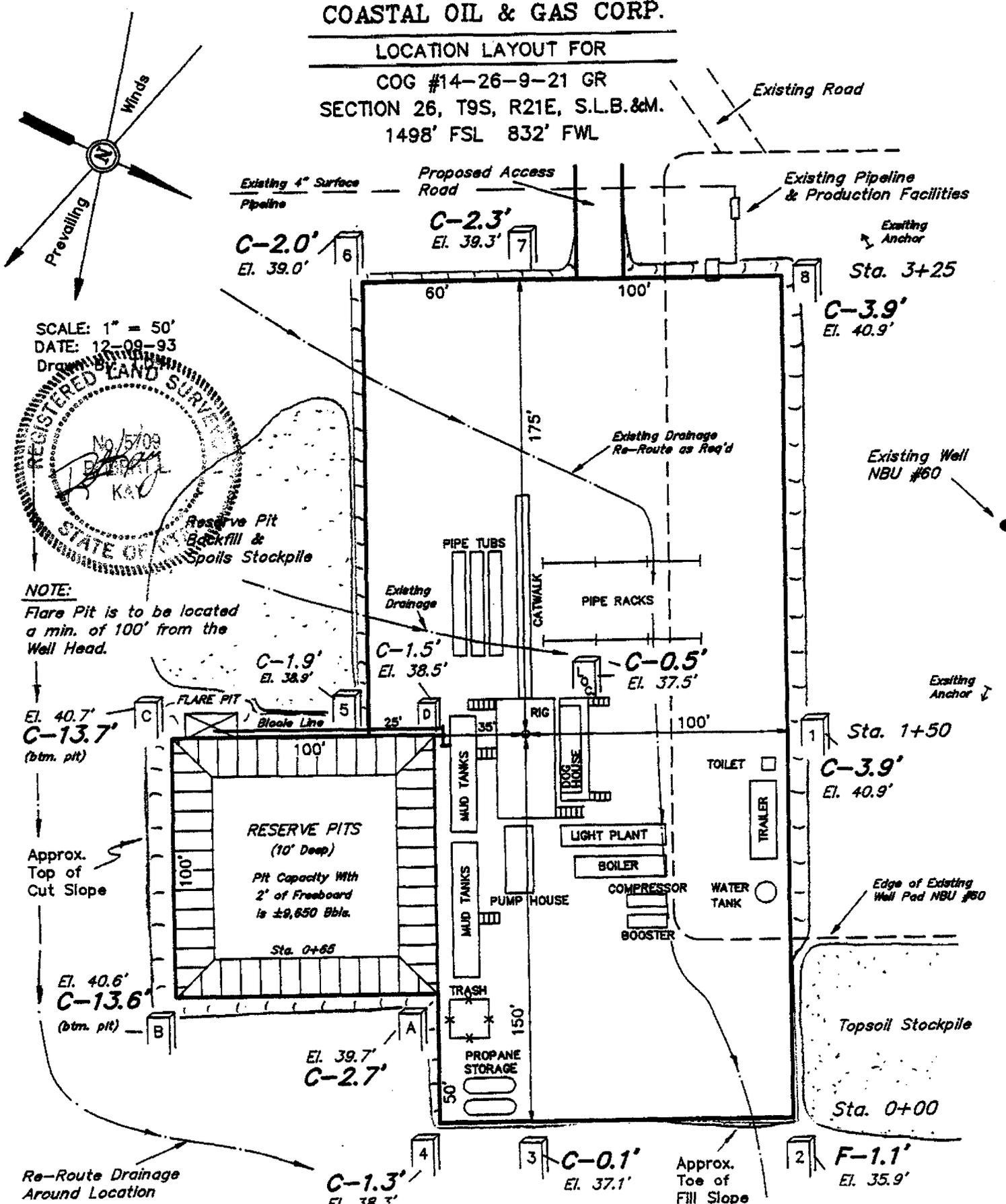
SCALE 1" = 1000'	DATE SURVEYED: 12-08-93	DATE DRAWN: 12-09-93
PARTY J.F. D.R. T.D.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

FILS, INC. VERNAL 84078  
 7891813  
 P.01

# COASTAL OIL & GAS CORP.

## LOCATION LAYOUT FOR

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B.&M.  
1498' FSL 832' FWL



SCALE: 1" = 50'

DATE: 12-09-93

Drawn by: [Signature]



### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

El. 40.7'  
C-13.7' (btm. pit)

Approx. Top of Cut Slope

El. 40.6'  
C-13.6' (btm. pit)

El. 39.7'  
C-2.7'

Re-Route Drainage Around Location

C-1.3' El. 38.3'

C-0.1' El. 37.1'

Approx. Toe of Fill Slope

F-1.1' El. 35.9'

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4937.5'

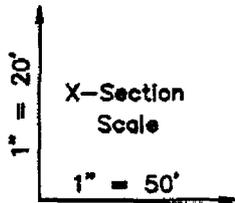
FINISHED GRADE ELEV. AT LOC. STAKE = 4937.0'

FIGURE #1

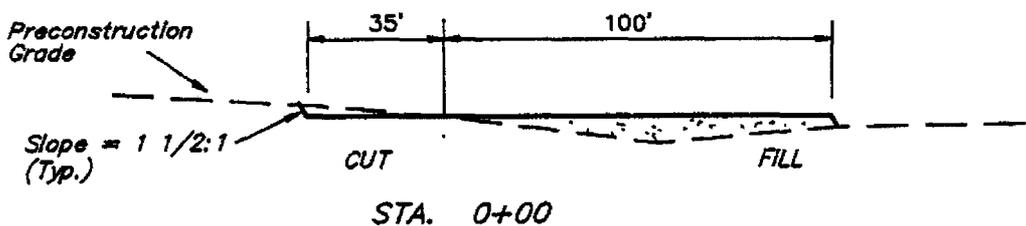
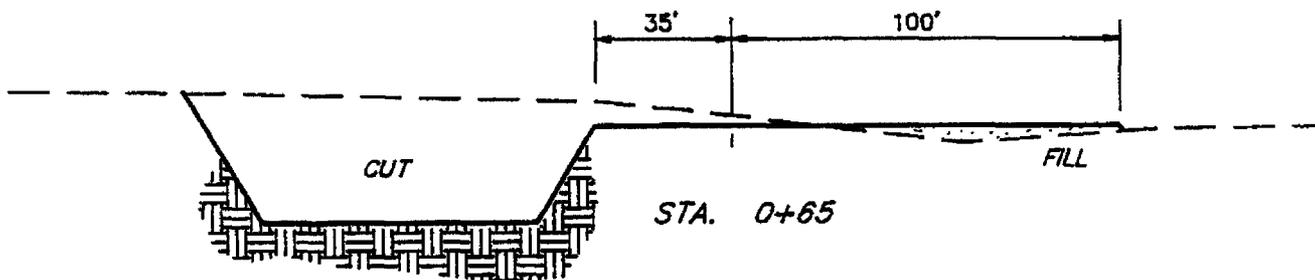
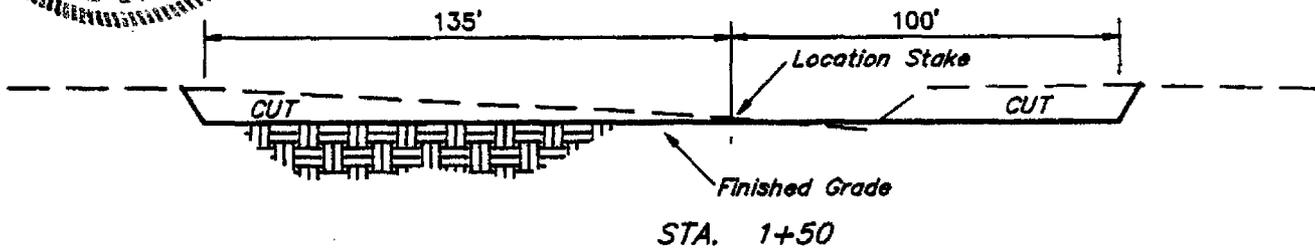
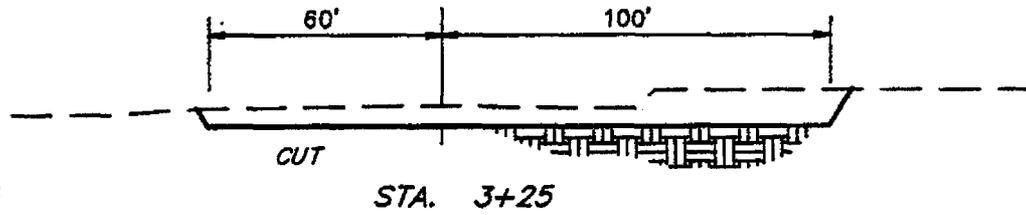
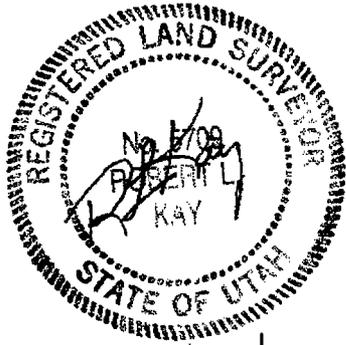
**COASTAL OIL & GAS CORP.**

**TYPICAL CROSS SECTIONS FOR**

**COG #14-26-9-21 GR**  
**SECTION 26, T9S, R21E, S.L.B.&M.**  
**1498' FSL 832' FWL**



DATE: 12-09-93  
 Drawn By: T.D.H.

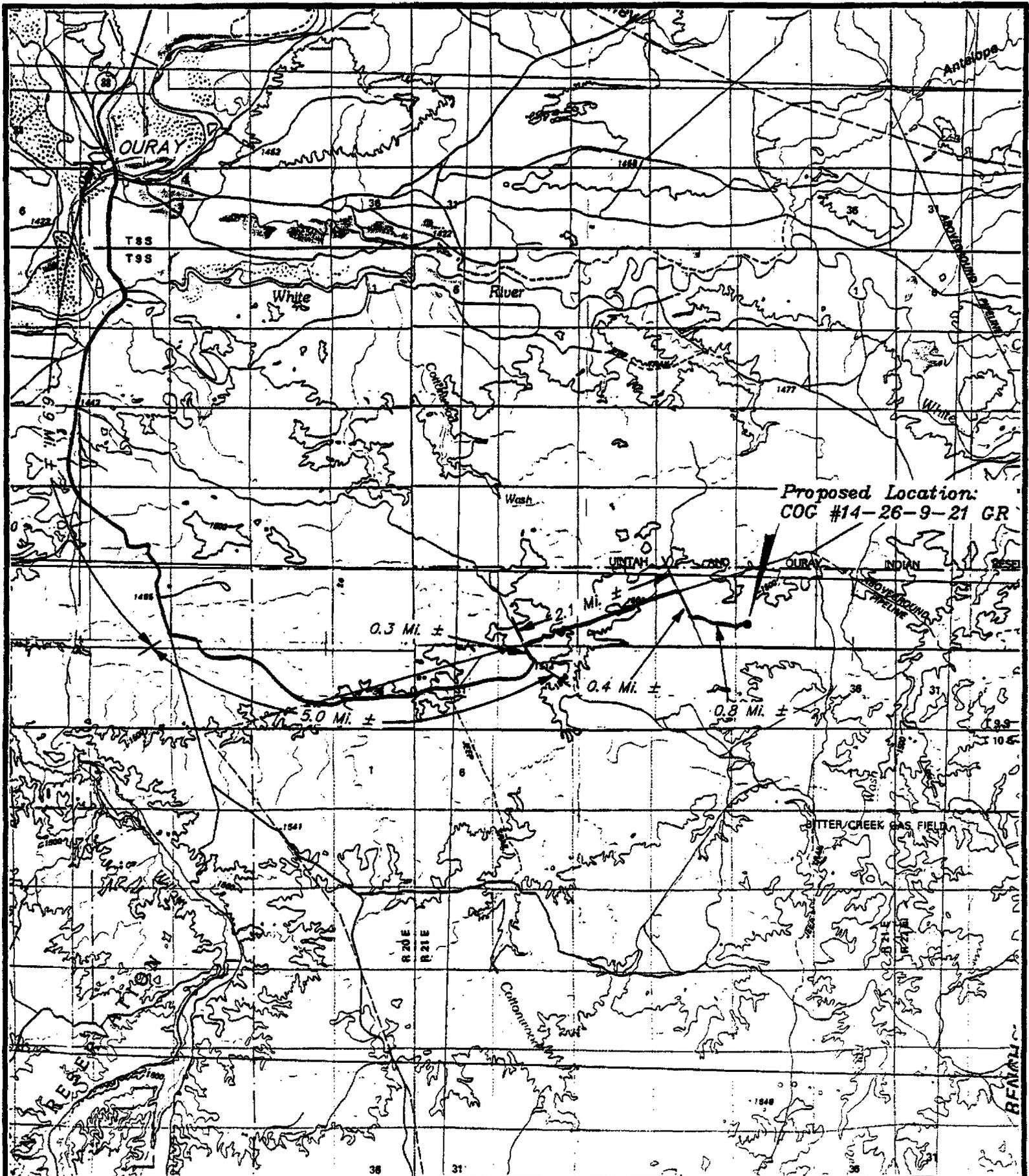


**APPROXIMATE YARDAGES**

CUT		
(6") Topsoil Stripping	=	1,080 Cu. Yds.
Remaining Location	=	5,660 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>6,740 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>650 CU.YDS.</b>

<b>EXCESS MATERIAL AFTER 5% COMPACTION</b>	<b>=</b>	<b>6,060 Cu. Yds.</b>
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,430 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>=</b>	<b>3,630 Cu. Yds.</b>

**FIGURE #2**



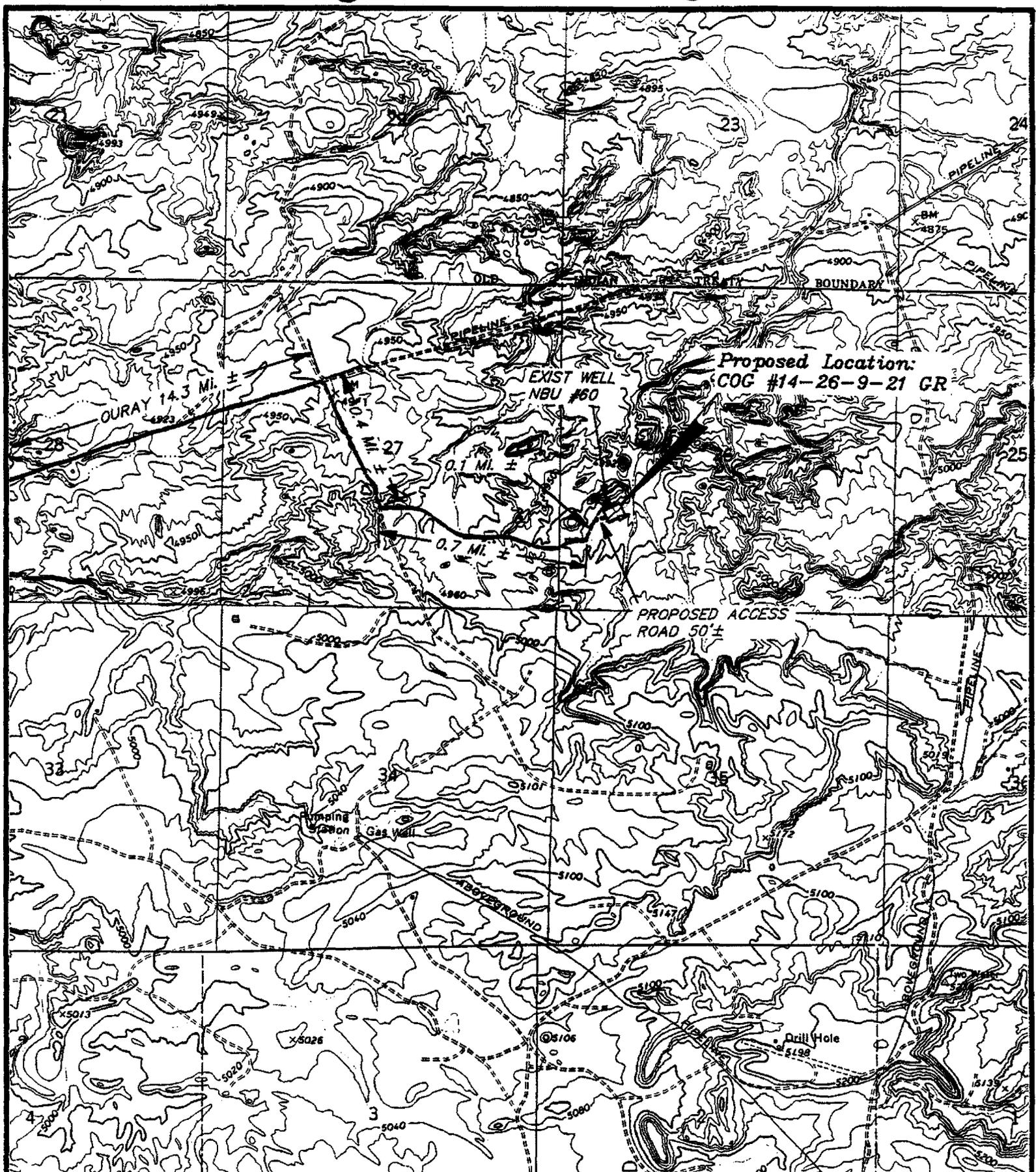
TOPOGRAPHIC  
MAP "A"

DATE: 12-9-93 D.R.B.



**COASTAL OIL & GAS CORP.**

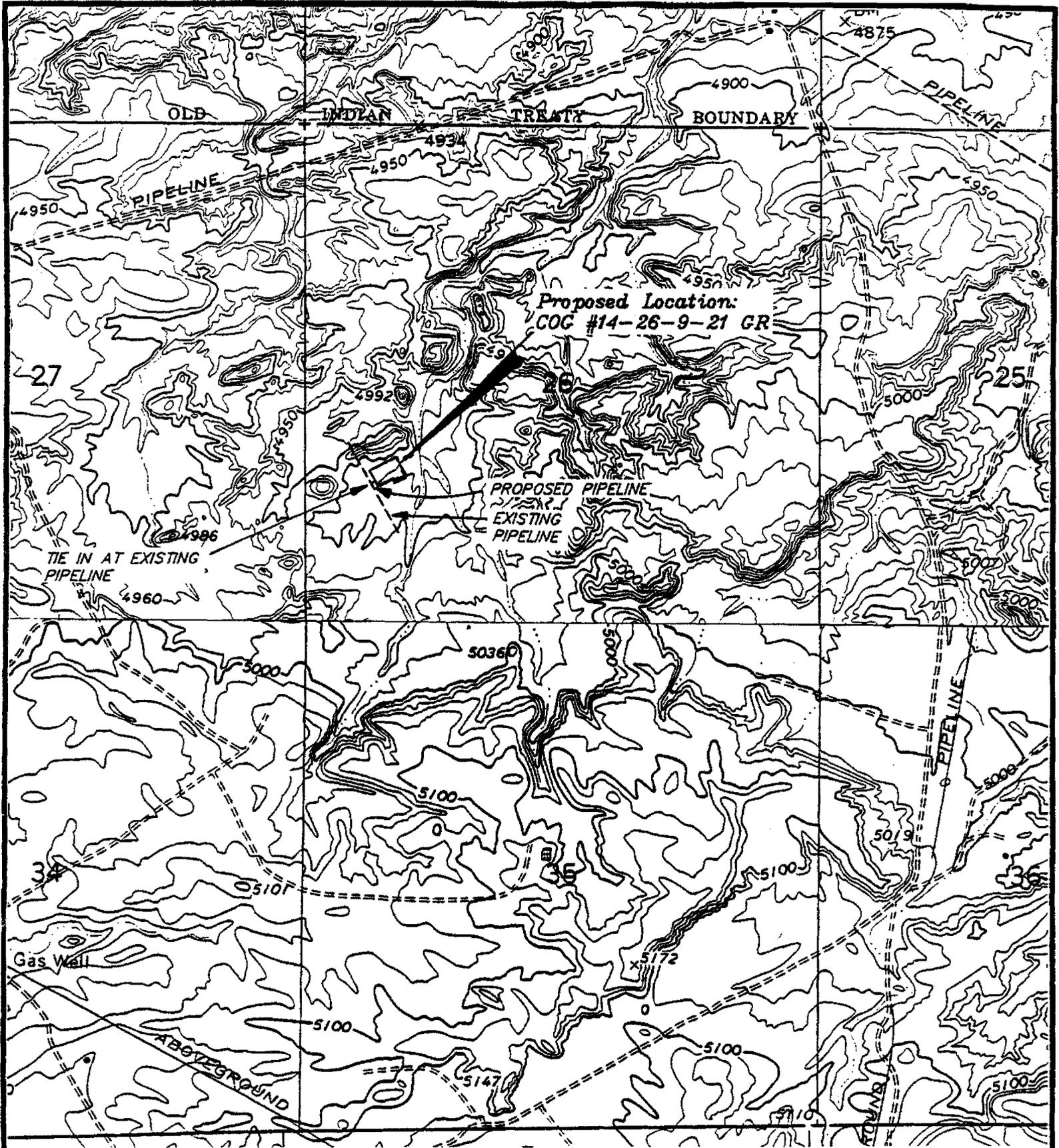
COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B. & M.



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE: 12-9-93 D.R.B.



**COASTAL OIL & GAS CORP.**  
 COG #14-26-9-21 GR  
 SECTION 26, T9S, R21E, S.L.B.& M.



APPROX. PIPELINE DISTANCE = 210'

TOPOGRAPHIC  
MAP

LEGEND

- EXISTING PIPELINE
- Proposed Pipeline



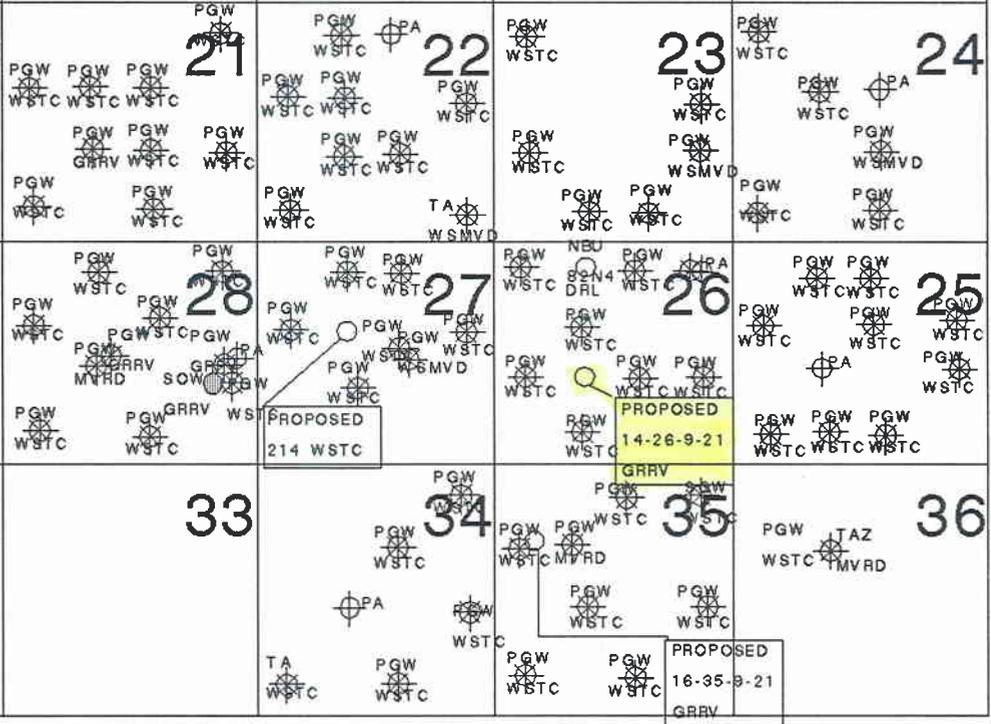
**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B. & M.

DATE: 12-9-93

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T  
9  
S



R 21 E

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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

3. Address of Operator  
 P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
 At surface 1498' FSL & 832' FWL (NW/SW)  
 At proposed prod. zone Same as above.

14. Distance in miles and direction from nearest town or post office\*  
 Approximately 30 miles south of Ouray, Utah.

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 832'

16. No. of acres in lease 1082.97

17. No. of acres assigned to this well 160

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

19. Proposed depth 4725'

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
 4938' GL

22. Approx. date work will start\*  
 4/1/94

5. Lease Designation and Serial No.  
 State U-01194-ST

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

7. Unit Agreement Name  
 Natural Buttes Unit

8. Farm or Lease Name  
 COG

9. Well No.  
 14-26-9-21 GR

10. Field and Pool, or Wildcat  
 Natural Buttes

11. 99, Sec., T., R., M., or Blk. and Survey or Area  
 Sec. 26-T9S-R21E

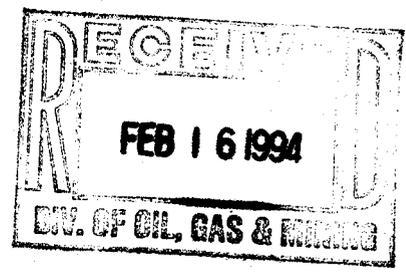
12. County or Parrish  
 Uintah Co.

13. State  
 Utah

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#	250'	180 sx circulated to surface
7 7/8"	5 1/2"	17#	4725'	±657 sx circulated to surface

Operator proposes to test the Green River "M" formation (4325') in a prudent manner consistent with federal and state regulations. Please see attached program.



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. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Joe Adamski Title: Environmental Coordinator Date: 2/15/94

(This space for Federal or State office use)

API NO. 43-047-30405

Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

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

DATE: 6/13/94  
 BY: [Signature]  
 WELL SPACING: Case 197-8



**COG #14-26-9-21 GR  
1498' FSL & 832' FWL  
NW/SW, Section 35-T9S-R21E  
Uintah County, Utah  
Utah Mineral Lease No.: U-01194-ST**

**COASTAL OIL & GAS CORPORATION  
DRILLING PROGNOSIS**

1. Estimated Tops of Important Geologic Markers:

Uintah:                      Surface  
Green River:              1450'  
Total Depth:              4725'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Green River "M"                                      4325'                                      Gas (Primary Objective)

All freshwater and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

**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.

**Testing Procedure:**      The BOP and choke manifold will be pressure tested to the rated working pressure of 70% of the internal yield strength of the surface casing, whichever is less, for a period of 15 minutes upon installation; once every 30 days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

4. Drilling Fluids Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-1500'	Aerated/Mist	---	---	---
1500-4725'	Aerated Water	---	---	---

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. The surface hole will be drilled with an air mist system injecting water at the rate of 15-20 gallons/minute, until the lost circulation zone

is reached at  $\pm 1500'$ . At that point, Coastal Oil & Gas Corporation will switch to an aerated water system, utilizing the rig pumps to inject water at a rate of 190 gallons/minute to total depth.

5. Evaluation Program:

**Logs:** Dual Laterlog & Caliper: TD - 250'  
FDC-CNL/GR: TD - 250'

**DST's:** None Anticipated

**Cores:** None Anticipated

Evaluation Program may change at the discretion of the wellsite geologist.

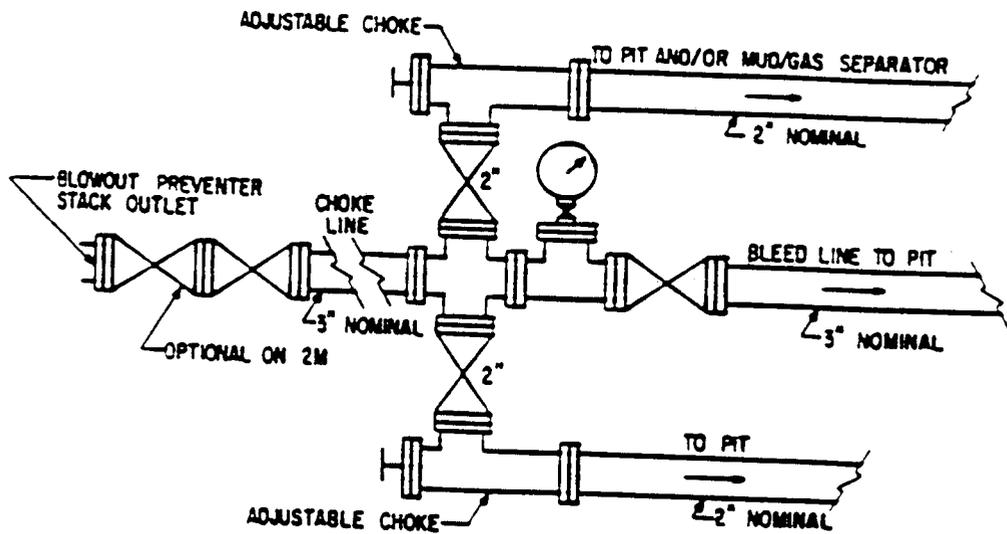
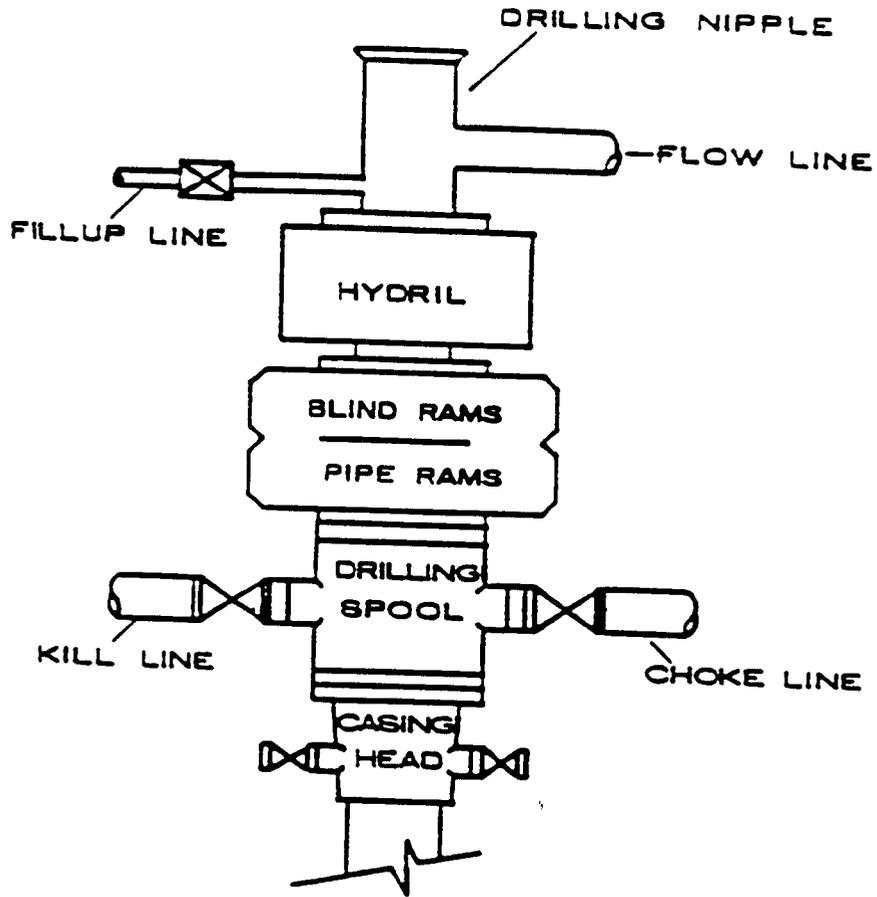
6. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure equals 3348 psi.

7. Proposed Facilities:

If the well is productive, a 4" surface gas pipeline will be installed from the COG #14-26-9-21 GR gas well and tied into the existing gas pipeline located approximately 100' west of the proposed well (see attached Topo Map "D"). A 30' width easement of approximately 100' length is requested for this pipeline. There will be minimum surface disturbance as the pipeline will be laid on the surface.

# BOP STACK



**COG #14-26-9-21 GR  
1498' FNL & 832' FWL  
NW/SW, Section 26-T9S-R21E  
Uintah County, Utah  
Utah Mineral Lease No.: U-01194-ST**

**COASTAL OIL & GAS CORPORATION  
SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL**

1. Location and Type of Water Supply:

- A. Freshwater for drilling will be obtained from the Uintah #1 water well located in the SE NE of Section 16-T10S-R21E, Uintah County, Utah, Utah Water Right No. 49-111.

2. Methods of Handling Water 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 ( $\frac{1}{2}$ ) 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 recontouring 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 recontouring, the stock-piled top soil 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  $\frac{1}{2}$  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.

- 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 1994.

4. Other Information:

A cultural resource inventory of the proposed well site and access road has been performed and submitted to your office.

5. Surface and Mineral Ownership:

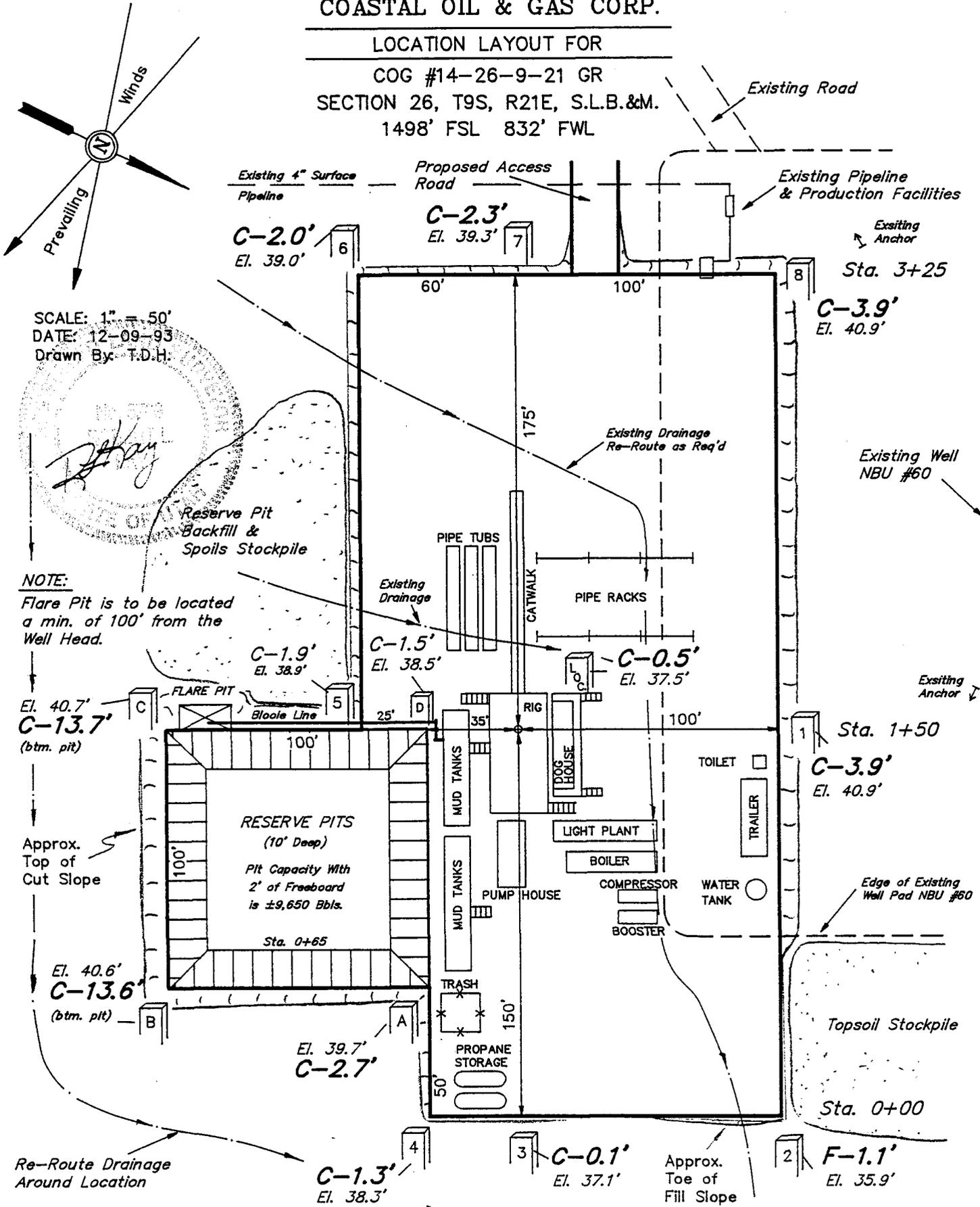
State of Utah  
3 Triad Center, Suite 400  
355 West North Temple  
Salt Lake City, Utah 84180

Mineral Lease No.: U-01194-ST

# COASTAL OIL & GAS CORP.

## LOCATION LAYOUT FOR

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B.&M.  
1498' FSL 832' FWL



SCALE: 1" = 50'  
DATE: 12-09-93  
Drawn By: T.D.H.

**NOTE:**  
Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope

Re-Route Drainage Around Location

### NOTES:

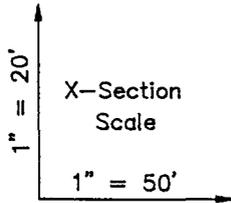
Elev. Ungraded Ground At Loc. Stake = 4937.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4937.0'

**FIGURE #1**

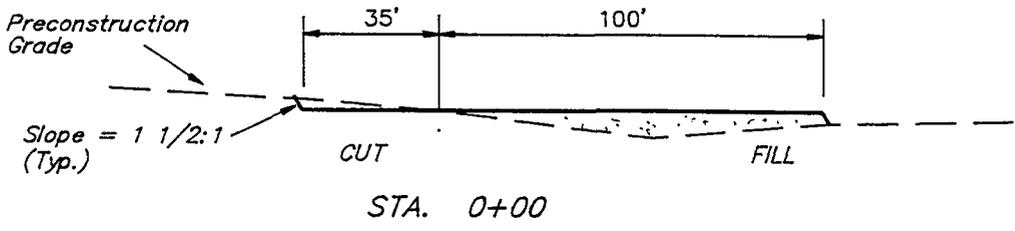
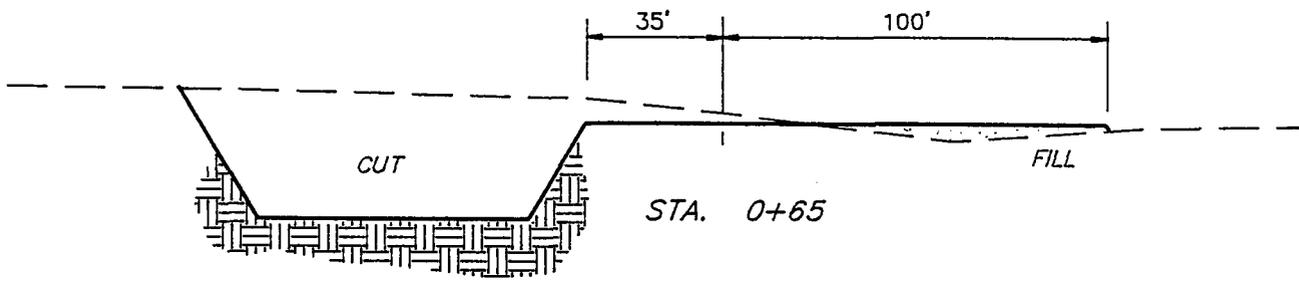
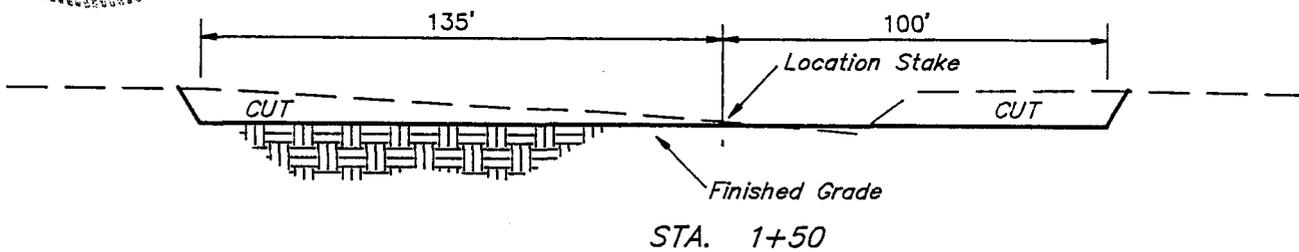
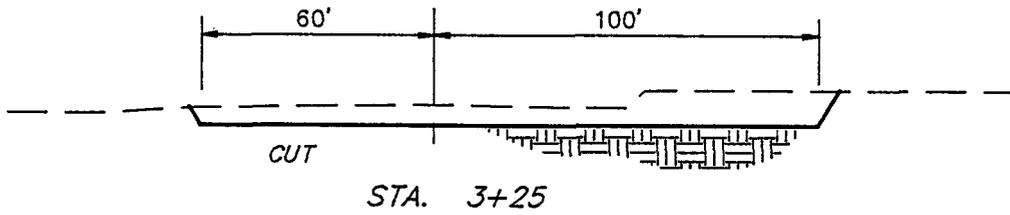
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B.&M.  
1498' FSL 832' FWL



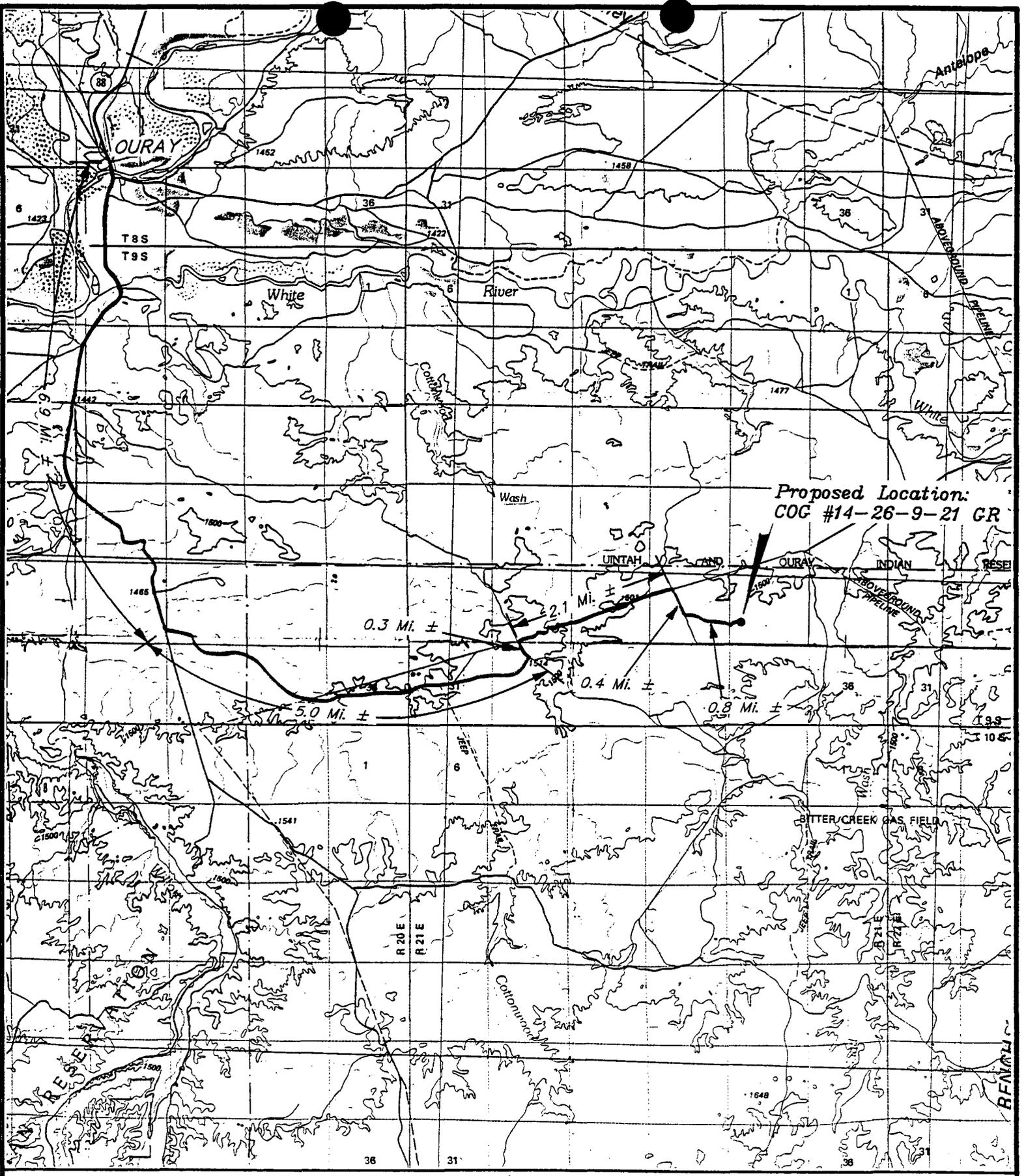
DATE: 12-09-93  
Drawn By: T.D.H.



APPROXIMATE YARDAGES

CUT			
(6") Topsoil Stripping	=	1,080 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION
Remaining Location	=	5,660 Cu. Yds.	= 6,060 Cu. Yds.
TOTAL CUT	=	6,740 CU.YDS.	Topsoil & Pit Backfill (1/2 Pit Vol.)
FILL	=	650 CU.YDS.	= 2,430 Cu. Yds.
			EXCESS UNBALANCE (After Rehabilitation)
			= 3,630 Cu. Yds.

FIGURE #2



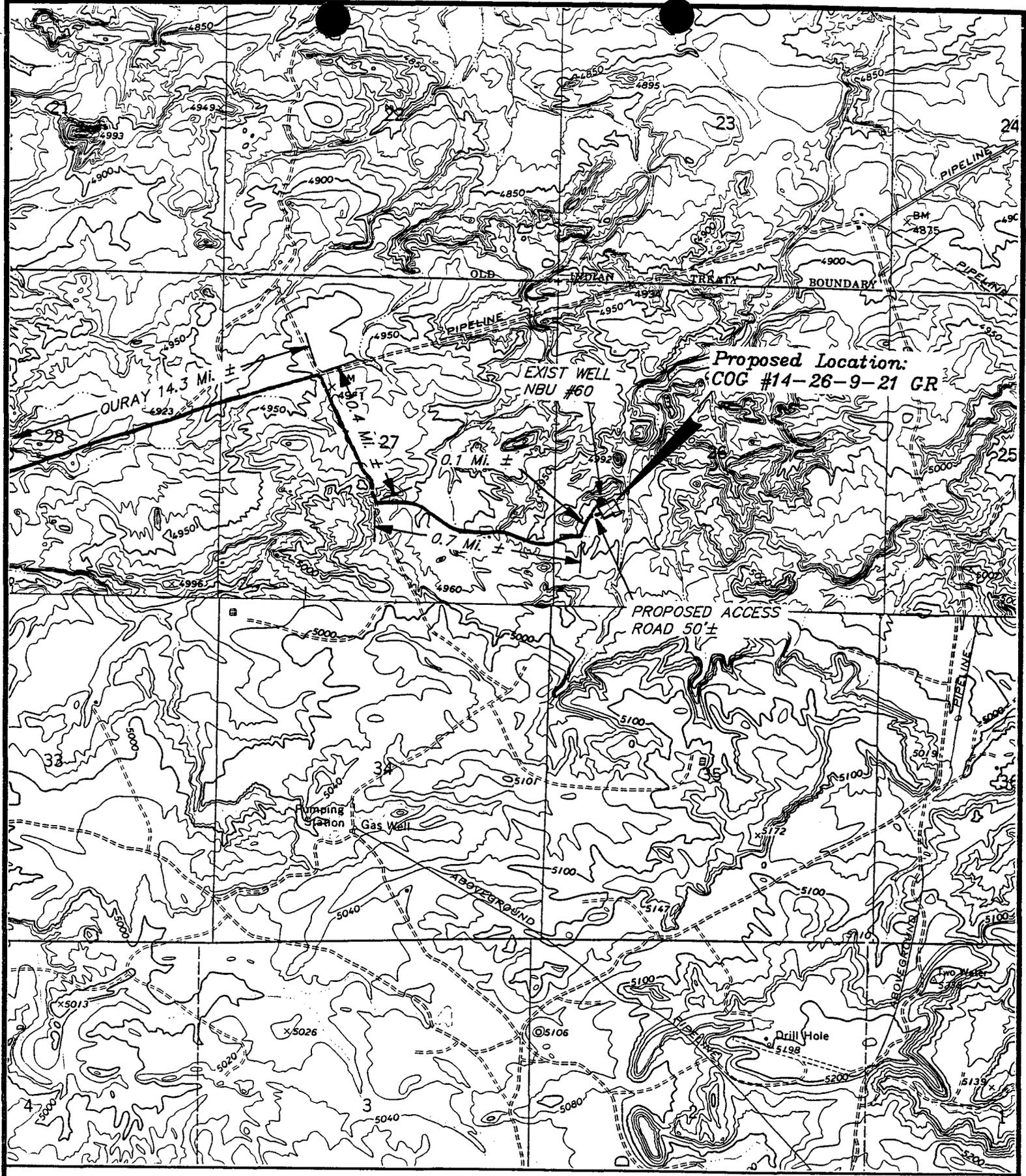
TOPOGRAPHIC  
MAP "A"

DATE: 12-9-93 D.R.B.



COASTAL OIL & GAS CORP.

COG #14-26-9-21 GR  
SECTION 26, T9S, R21E, S.L.B.& M.



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE: 12-9-93 D.R.B.



**COASTAL OIL & GAS CORP.**  
 COG #14-26-9-21 GR  
 SECTION 26, T9S, R21E, S.L.B. & M.



# COASTAL OIL & GAS CORPORATION

## COG #14-26-9-21 GR SECTION 26, T9S, R21E, S.L.B. & M.

PROCEED WESTERLY FROM VERNAL, UTAH ON U.S. HIGHWAY 40 APPROXIMATELY 14.0 TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED SOUTH APPROXIMATELY 17.0 MILES ON STATE HIGHWAY 88 TO OURAY, UTAH; PROCEED SOUTH FROM OURAY APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING OILFIELD SERVICE ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION  $\pm$  0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION  $\pm$  0.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A EASTERLY DIRECTION APPROXIMATELY 50' TO THE PROPOSED LOCATION.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/16/94

API NO. ASSIGNED: 43-047-32465
--------------------------------

WELL NAME: COG 14-26-9-21 GR  
OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:  
NWSW 26 - T09S - R21E  
SURFACE: 1498-FSL-0832-FWL  
BOTTOM: 1498-FSL-0832-FWL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology	<i>DI</i>	2/24/94
Surface	<i>DI</i>	12/13/93

LEASE TYPE: STA  
LEASE NUMBER: U-01194-ST

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal[] State[] Fee[]  
(Number 102103)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number 49-111)  
 RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
\_\_\_ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
 Drilling Unit.  
Board Cause no: 197-8  
Date: 4/27/1994  
 R649-3-4

COMMENTS: WELL DOES NOT FIT A STANDARD 160 ACRE  
GRRV GAS LOCATION 1320 X 1320

STIPULATIONS: Reserve  
1. Pit will be lined with a ~~12 mil~~ Synthetic plastic liner.



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

June 13, 1994

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

Re: COG 14-26-9-21 GR Well, 1498' FSL, 832' FWL, NW SW, Sec. 26, T. 9 S., R. 21 E., Uintah County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 197-8 dated April 27, 1994, and Utah Admin. R.649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Reserve pit will be lined with a 12 mil synthetic liner.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
3. Notification to the Division within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2

Coastal Oil & Gas Corporation

COG 14-26-9-21 GR Well

June 13, 1994

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32465.

Sincerely,



R.J. Firth  
Associate Director

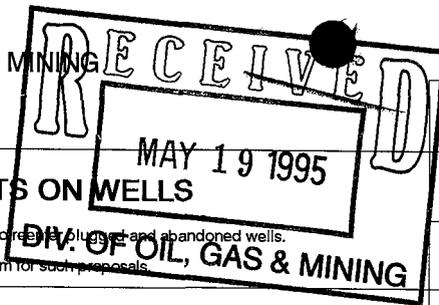
ldc

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

WO11



**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to recomplete plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

COG #14-26-9-21 GR

9. API Well Number:

43-047-32465

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

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

(303) 573-4476

4. Location of Well

Footages: 1498' FSL & 832' FWL

County: Uintah

QQ, Sec., T., R., M.: NW/SW Section 26-T9S-R21E

State: Utah

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**

(Submit In Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other APD Extension
- New Construction
- Pull or Alter Casing
- Recompletion
- Perforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Perforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject APD was approved June 13, 1994. Due to continuing economic evaluation, Coastal Oil & Gas Corporation will not be able to spud this well prior to the expiration date.

Operator therefore requests a 1 year extension of the subject APD.

Thank you for your cooperation.

13.

Name & Signature:

N.O. Shiflett

Title: District Drilling Manager

Date:

05/17/95

(This space for State use only)



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Governor

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355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

September 12, 1996

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

Re: COG 14-26-9-21 GR Well, Sec. 26, T. 9 S., R. 21 E., Uintah County, Utah,  
API No. 43-047-32465

Dear Mr. Adamski:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on 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,

Don Staley  
Administrative Manager  
Oil and Gas

lwp

cc: R. J. Firth, Associate Director  
K. M. Hebertson  
Well file

WO1219

